

Golden, Colo., Jan. 9, 1890x

The board of trustees of the State School of Mines met in regular session. Present: Messrs. Steinhauer, Smith, Browne and Kelly. Absent: Mr. U. A. Blossx

The minutes of the meeting held December 12, 1889, were read and approvedx

✓ Bills to the amount of \$1,633.28 were read, audited and allowed. An order was drawn on the state auditor for \$1,633.28, to meet current expensesx

The employment of Mr. Charles W. Cornstock as general assistant, at \$60 per month, was authorizedx

Mr. C. Humphrey, of Cornell University, was elected to fill the chair of civil and electrical engineering, his term of service to begin with the fall term of 1890x

Prof. Chauvenet was authorized to accept membership in the international commission for the determination of iron and steel tests. A temporary assistant in the work, whose salary is not to exceed \$150 per month, was also authorizedx

There being no further business the board adjourned.

Jos. O. Hurst,  
Secretaryx

Golden, Colo., Feb. 13, 1890.

The Board of Trustees of the State School of Mines met in regular session. Present, Messrs. Steinhauser, Smith, Browne, Blow and Kelly.

The minutes of the meeting of Jan. 9, 1890, were read and approved.

Recd  
M. B. Smith

The professor in charge turned in \$249.43 transferred to the Treasurer.

Bills to the amount of \$2,308.78 were audited and allowed.

Mr. C. Humphrey was elected to the new chair of civil and electric engineering, notified the board that he could not accept.

The professor in charge was authorized to have a fire-proof vault prepared in the new building.

The publication of an economic manual of mineralogy was referred to Prof. Chaun-Genet, with power to act.

Estimate No. 3, of Messrs. Kimball & Quill, contractors for new building, for \$2,250, was presented and allowed. This includes the \$1,200 advanced, Dec. 12, 1889.

The fourth estimate of Messrs. Kimball & Quill, contractors for new building, \$3,150, was presented and allowed. Same to be paid on the certificate of the architect.

An order was drawn on the State auditor for \$6,508.78, to cover warrants allowed this date.

There being no further business the board adjourned.

\$6,508.78

Jas. T. Smith, Secretary

Golden, March 13, 1890.

The board of trustees of the State School of Mines met in regular session. Present. Messrs. Steinhauer, Smith, Browne and Kelly. Absent. Mr. A. A. Blom.

Minutes of the meeting of February 13, 1890, read and approved.

The professor in charge turned in \$242.62, receipts from students, etc. transferred to Treasurer.

Bills to the amount of \$1,964.<sup>54</sup> ~~74~~ audited and allowed.

The following was passed:

Resolved, That all fees for assays and analyses be paid in advance, and that no stampation or assays be made at the School in the absence of such fees.

An order was drawn upon the State Auditor for \$1,964.<sup>54</sup> To meet current expenses.

There being no further business the board adjourned.

James O. Smith,  
Secretary.

Recd  
M. Barth

Treas.

\$1964.<sup>54</sup>

\$1964.<sup>54</sup>

Golden, April 10, 1890.

The Board of Trustees of the State School of Mines met in regular session. Present Messrs. Steinhauer, Smith and Kelley. Absent, Messrs. Brown and Blount.

Minutes of the meeting of March 13, 1890, read and approved.

Bills to the amount of \$2559.16 were read, audited and allowed.

Bill of Mr. H. Curry, \$154, for extra work on vestibule, was allowed. Charged to new building.

Bill of R. S. Roschlaub, architect on new building, was allowed at \$100.

Estimate to G. G. Messrs. Kimball & Derrick, for work on new building, \$3,150, was allowed.

An order was drawn on the State Treasurer for \$5,963.16.

Mr. Lewis C. Hill, of Detroit, Michigan, was elected to the chair of civil and electrical engineering, to begin in the next school year, at \$1,500 per annum.

There being no further business the board adjourned.

James T. Smith,  
Secretary.

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Golden, May 8, 1890.

The Board of Trustees of the State School of Mines met in regular session, Present Messrs. Steinhauser, Smith, Browne Kelly and 13 more.

Minutes of April 10, 1890, read and approved.

✓ Bills to the amount of \$2,247.32 were read, audited and allowed.

Estimate No. 6 on new building by Messrs. Kimball & Quist, was allowed.

✓ The amount is \$3,150.

Rect.

M. Barthol

mess.

Professor in charge turned in \$375.30.

Receipts from students, transferred to treasurer.

✓ An order was drawn on the state auditor for \$5,397.32.

On motion of Colonel Browne the bowl floor in the auditorium of new building was dispensed with, and certain other changes in plan were approved.

The following was passed:

Resolved, That the auditor of state be requested to advance the whole or part of the special appropriation of \$3,000, made by the Seventh general assembly, to cover the cost of publication of analyses of the mineral waters of Colorado, in order that such publication be placed at the disposal of the bureau of immigration and other agencies now engaged in advertising the State, and that the professor in charge and Messrs. Steinhauser, Browne and Smith be named as a

special committee on this subject,  
 their duties to continue until the  
 pamphlet is published, also, that  
 the special appointment of Mrs. L. J. W.  
 Jones, as assistant in chemistry, be con-  
 tinued indefinitely at \$725 per ~~annum~~ <sup>month</sup>.

Colonel Brown offered the following,  
 which was adopted:

Resolved, That our thanks are hereby  
 tendered to Hon. Hosed Townsend for  
 his endeavors in getting the bill before  
 congress appropriating 25 per cent of the  
 proceeds of sales of Government-Lands  
 in Colorado to the support of the State School  
 of Mines, and that we urge upon him  
 to use every endeavor to procure the  
 passage of said bill as reported from  
 the committee on education in the house.

There being no further business  
 the board adjourned.

John A. Prue,  
 Secretary x

Golden, Colo., June 12, 1890

The Board of Trustees of the State School of Mines met in regular session. Present Messrs. Steinhauser, Smith, Browne, Blount and Kelly.

Minutes of the meeting of May 8, 1890, were read and approved.

Received

M. Smith ✓

Professors in charge turned in \$543.91. Transferred to the Treasurer.

Treasurer ✓

Bills to the amount of \$26.29 were read and allowed.

An allowance of \$60 was made to Messrs. Kimball & Quick for changes on new building.

Estimate No. 7, on the contract of Kimball & Quick, \$3,150, was submitted and allowed.

Estimate No. 8, on the contract of Kimball & Quick, \$4,050, was submitted and allowed.

R. S. Roschlaub, architect on new building, was allowed \$200.

The following was passed by unanimous vote:

Resolved, That Charles W. Comstock, of Denver, having passed all examinations for civil and metallurgical engineer, is declared entitled to a diploma as civil engineer.

An order was drawn on the State Treasurer for \$10,089, to meet current expenses and cost of new building.

The board then adjourned.

Geo P. Smith, Secy

Golden, Colo., July 10, 1890.

The Board of Trustees met in regular session. Present, Messrs. Steinhauser, Smith and Kelly. Absent, Messrs. Brown and Blaw.

Minutes of the meeting of June 12, 1890, read and approved.

✓ Bills to the amount of \$2,591.14 were read and allowed x

Estimate to go on new building, for \$4,050 was submitted and allowed x

✓ An order for \$6,641.14 was drawn on the state treasurer, for current expenses and new building x

John B. Garvin was employed as librarian and registrar, at \$75 per month, services to begin with date of notification from professor in charge x

There being no further business the board adjourned

Geo. T. Smith  
Secretary x



Golden Aug. 14. 1890.

Board of Trustees of the State School  
of Mines met in regular session  
Present Messrs. Steinhauer, Smith  
and Kelly x Absent Messrs. Brown  
and Blaw x

Minutes of the meeting of July 10.  
1890. read and approved x

The matter of insurance of new  
building was left with Dr.  
Kelly, the resident director, the  
amount being placed at \$20,000

Bills to the amount of \$1,959.37  
were audited and allowed x

An order was drawn on the State  
auditor for \$1,959.37. to meet  
current expenses x

There being no further business  
the board adjourned x

Gas T. Smith  
Secretary x

Golden, Sept. 11, 1890.

Board of Trustees of the State School of Mines met in regular session. Present, Messrs. Steinhauer, Smith, Browne, Blair and Kelly.

Minutes of meeting of August 14, 1890, read and approved.

Estimate No. 10, on new building, in favor of Messrs. Kimball & Quick, contractors, for \$4,004, was allowed and ordered paid on architect's certificate.

12,421.57 ✓ Bills to the amount of <sup>\$2,421.57</sup> ~~2,449.72~~ were audited and allowed for current expenses.

#303.15 ✓ A bill of \$303.15 for extra plumbing, new building, was allowed.

An order was drawn on the State Auditor for \$1,479.45, and a second order on same office for \$5,174.27, to pay for new building and current expenses.

Mr. Browne offered the following:

Resolved - That the treasurer of the board is hereby authorized to negotiate for the necessary funds to protect the warrants issued by the board over and above the amount in the hands of the State Treasurer.

The vote was as follows:

Ayes - Messrs. Steinhauer, Smith, Browne, Kelly and Blair.

The employment of Prof. Carl Fosberg as gymnasium instructor was authorized at \$50 per month.

#6,728.72 Board then adjourned Jas. Smith, Secretary.

Golden, Oct. 9, 1890

The Board of Trustees met in regular session, Present: Messrs. Steinhauer, Smith and Kelly, Absent: Messrs. Browne and Bloss.

Minutes of the meeting of September 11, 1890, read and approved, Bills to the amount of \$3,556.95 were audited and allowed.

Recd. Oct. 9, '90

M. Baetzler

Treasurer

The professor in charge turned in \$1223.14 receipts from students, etc. Transferred to the Treasurer.

Insurance on new building was placed as follows, for three years: with London Liverpool and Globe \$5,000, with Farmers' Fund of California \$5,000, with Fire Association of Philadelphia \$5,000, with Western Insurance Company of Toronto, Canada \$5,000, in all \$20,000 at a cost of \$500.

An order was drawn on the state auditors for \$3,556.95, to meet current expenses.

There being no further business the board adjourned.

Jas. T. Smith  
 Secretary

Golden, Nov. 13, 1890x

The Board of Trustees of the State School of Mines met in regular session. Present: Messrs. Steinhauer, Smith, Bloss and Kellyx  
Absent: Mr. E. F. Browne.

Minutes of the meeting of October 7, 1890, were read and approved.

The professor in charge turned in \$225x Receipts from students, etcx

The purchase of the J. Alden Smith collection of minerals, for the museum, was authorized, the cost price being fixed at \$1,500x The first payment, \$483.34, was ordered and allowedx

Bills to the amount of \$5,627.04 were audited and allowedx

An order was drawn on the State auditor for ~~\$7,775~~ \$2,750x

Messrs. Smith, Kelly and the professor in charge were named as a committee to audit the accounts for the past two yearsx

There being no further business the board adjournedx

Jas. T. Truste,  
Secretaryx

P.S. Here closes financial report for 1889-'90x

Recd. Nov. 13, '90  
M. Barth  
Treasurer

Golden, Dec. 11, 1890

The Board of Trustees of the State School of Mines met in regular session. Present: Messrs. Steinhauser, Smith, Browne, Blom and Kelly.

Minutes of the meeting of November 13, 1890, read and approved.

Recd. Professor in charge turned in  
#150. receipts from students. Treasurer  
#150. Treasurer.

The following was offered by Mr. E. F. Browne:

Resolved, That estimate No. 11, final, of Messrs. Kimball & District, Contractors for new building, for the sum of \$3,846 be audited and allowed the same to be paid when they present the certificate of the architect, Mr. R. S. Roschlaub, that the work is complete as per contract, after a thorough examination by said architect.

The resolution was adopted by the following vote:

Ayes - Messrs. Steinhauser, Smith, Browne, Blom and Kelly.

Bill of \$450 on new building, final, for \$162.90, was allowed and paid.

Current bills to the amount of \$3,850 were audited and allowed.

#7,358.90. An order was drawn on the State auditor for \$7,358.90 to meet current expenses and building estimate.

Dr. Kelly and Prof. Chauvenet were named as a special Committee on insurance, to have policies now existing so adjusted as to recognize the old and new buildings as one and to permit the removal of apparatus at will from one portion of building to another.

There being no further business the board adjourned x

Geo. T. Smith  
Secretary x

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Golden, Aug. 8<sup>th</sup> 1891

The Board of Trustees of the State School of Mines met in regular session. Present, Messrs. Strickman, Kelly and Brown, & Smith.

Mr. Brown was selected as duty pastor in absence of Mr. Smith.

Minutes of the meeting of Dec 11<sup>th</sup> were read and approved.

Mr. Smith arrived late and took his seat x

The secretary reported the receipt of \$440.80 from the special fund for water analyses, of which special fund (\$3,000) the sum of \$2,559.20 was returned to the general fund.

The professor in charge turned in \$301.51, receipts from students & trans-

W. Smith  
Secy.

paid to the Treasurer.

Bills to the amount of \$2,801.51  
were audited and allowed.

An order was drawn on the State  
Treasurer for \$2,801.51, to meet cur-  
rent expenses.

The following programme was  
adopted for field work by the faculty  
during 1891:

Professor Chauvenet - Manufacture  
of Pig Iron in Colorado. The Iron  
Resources of Pitkin County.

Professor Lusk - Manual of  
Economic Geology, with special  
reference to Colorado and the sur-  
rounding States and Territories.

Professor Shoenky - Report on the  
Red Cliff District, Eagle County,  
Colorado.

Professor Sadtler - The treatment  
of low grade Copper Ores.

Messrs. Shoenky and Sadtler -  
treatment of zinciferous Ores.

Professor Hill - Applications of  
Electricity to Mining.

There being no further bus-  
iness the board adjourned.

Gas T. Smith  
Secretary.