

Ma hel C. Shum, librarian. #75

F. P. Bicknell, store keeper in chemistry  
#75.

John Kell, superintendent of grounds.  
#75.

H. L. Jennings, chief engineer and  
superintendent of machinery. #125.

Henry Allen, engineer. #80.

H. S. Bustin, machine shop. #75.

H. J. K. Chelms, night fireman. #70.

S. A. Smith, day fireman. #65.

E. C. Hayes, machine shop. #65.

H. J. Smith, pattern maker. #100.

H. H. Bennett, janitor. #75.

John Holstrom, janitor. #60.

J. J. Blight, janitor. #55.

Henry Wilson, janitor. #50.

J. B. Richards, night watchman #60 per  
month

The trustees was permitted to  
increase his post cash account  
from \$1,000 to \$1,500.

Following was adopted by unan-  
imous vote:

Whereas the "Carnegie Founda-  
tion for the Advancement of Teaching"  
provides retiring allowances for  
teachers in the state educational  
institutions of college grade, and  
request of the state legislature,  
approved by the Governor, therefore

Resolved, That the Board  
of Trustees of the Colorado School  
of Mines do hereby request the  
Seventeenth General Assembly of  
the State of Colorado to make formal  
request that the trustees of the  
Carnegie Foundation for the Advan-  
cement of Teaching place the

Colorado School of Mines on their list so that the members of the faculty may receive the benefit of the returning allowance made by the Carnegie Foundation.

The proposition of W. E. Malone, gentleman, to install a cash plant at the Colorado School of Mines was referred to Messrs. Buckley and Lewis to report thereon at the regular February meeting - 1909 & Professor Frank Hagen and President Alderson were added to the committee.

Student J. C. Metzger was permitted to register as a resident of Colorado on his application to that effect.

Receipts turned in \$351.70 as receipts from students since last regular meeting & transferred to the treasurer.

Bills to the amount of \$1,555.72 were paid & credited and allowed.

Orders were drawn on the state creditor for \$1,000 to meet current expenses & detail: \$2,000, \$2,000, \$2,000, \$2,000, \$1,500 and \$1,500, transferred to the treasurer.

Board then adjourned.

Pres. J. Smith.

Secretary.

The record was read and approved as follows:

Whereas the Trustees of the Colorado School of Mines have passed a resolution of date January 14, 1909, in terms as follows:

The Trustees of the Colorado School of Mines recognize the advantages to the cause of higher education from

the nice provisions of the Carnegie Foundation for the Advancement of Teaching, and appreciate the broad and generous views that led to the admission of state institutions to the benefits of the foundation.

Subject to the approval of the Seventeenth General Assembly and the Governor of Colorado, they hereby make application for admission of the Colorado School of Mines to the privileges of the foundation.

James I. Smith  
Secretary

Golden, Colo., Feb. 11, 1909.

Board of Trustees of the Colorado School of Mines met in regular session. Present, Messrs. Kelly, Smith and Joffe. Absent, Messrs. Davis and Burtley. President Anderson of the faculty was also present. Minutes of the meeting of January 14, 1909, were read and approved.

Bills to the amount of \$1,086.87 were read, amended and allowed.

An order was authorized for C. W. Russell, coach of the foot ball team, for \$163.50, to meet athletic expenses.

The Registrar turned in \$14,908.17 as receipts from students since last regular meeting & transferred to the Treasurer.

Board then adjourned.

James I. Smith  
Secretary

Amended  
to

Golden, Colo. March 11, 1909.

Board of Trustees of the Colorado School of Mines met in regular session. Present - Messrs. Kelly, Smith, Keffel and Lewis. Absent - Hon. Frank Buckley. Minutes of the meeting of February 11, 1909, were read and approved.

President Alderson of the faculty attended the meeting.

The allowance of John Huff, Superintendent of grounds, was advanced to \$90 per month, beginning April 1, 1909.

Bills to the amount of \$10,009.58 were read, audited and allowed.

The register reported \$2,241.21 in collections from students since last regular meeting. Same paid to the treasurer.

Orders were drawn on the state auditor for \$1,000, \$1,000, \$1,000 and \$1,000, a total of \$4,000, to meet current expenses. Same referred to the treasurer and adjourned.

James P. Smith  
Secretary

John Buckley

John Buckley

Golden, Colo. April 8, 1909.

Board of Trustees of the Colorado School of Mines met in regular session. Present, Messrs. Kelly, Smith, Berkeley and Joffe. Absent, Mr. W. B. Lewis. President Messers of the faculty was also present.

Minutes of the meeting of March 11, 1909, were read and approved.

Bills to the amount of \$8,789.26 were read, audited and allowed.

Registrar turned in \$406.90 as receipts from students, etc. since last regular meeting & were passed to the Treasurer.

Bills were drawn on the state auditor for \$2,000, \$2,000, \$2,000, \$1,000, and \$1,000, a total of \$8,000 - to meet current expenses. Transferred to the Treasurer.

Board then adjourned after approving the minutes of the meeting & J. S. Smith.

Secretary

The New Board.

Golden, Colo. April 8, 1909.

The roll being called two of the hold-over members, Messrs. Kelly and Joffe, answered to their names. William B. Lewis was absent. Frank Berkeley and James S. Smith - 3 absent. New members - Each gave notice that he had filed his oath of office - having been appointed by the governor and confirmed by the state senate as members of the board of trustees for the ensuing four years.

Electors of officers of the board for the ensuing two years made -

H. W. Berkeley

H. W. Berkeley

closed in order and resulted:

President. John P. Kelly.

Secretary. James J. Smith.

Treasurer. Harry M. Rubey.

Board of the Treasurer was fixed at \$25,000. with societies satisfied to the board of trustees &

Board then adjourned.

John P. Kelly.

Secretary.

Golden, Colo., May 13, 1909.

Board of Trustees of the Colorado School of Mines met in regular session. Present. Messrs. Kelly, Smith and Jeffu. Absent. Messrs. Buckley and Lewis. Dr. Peterson, president of the faculty, attended the meeting.

Minutes of the meeting of April 8, 1909, were read and approved.

Upon the recommendation of the faculty the degree of Engineer of Mines was conferred upon the following:

Therese Dyer Benjov'sky.

Albert Postell Bradford.

Leroy Percy Curtis.

Friedrich Chuffel Ferdinand.

Walter Emerson Burger.

Clarence Simpson Emrich.

Charles Walter Burgess.

Walter Emrich Canning.

Charles Lawrence Hansen.

Eduardo Hincelao Enriquez.

Herman Augustus Kruger.

William James Hamilton.

Richard Everett Leary.

Dudley Moore Wilson.

Alfred Franklin Kellest.  
 Cecil Beaman Hill.  
 William Bradford Patrick.  
 William Colver Washburn.  
 Donald Oscar Russell.  
 John Alexander Weir.  
 Blair Livingston Sackett.  
 Oliver Redford Sargent.  
 Louis Schaefer.

Ernest Bruner Wood.  
 Robert Fingersall Kirchner.  
 Leroy Pierce Collett.

Herold Colinton Eddy.  
 Donald Bruce Doyle.

And the degree of the following  
 Engineer upon the following:

Joseph Washburn Weisz.  
 William Arthur Wealey.  
 DeWitt George Miller.  
 John Rhys Griffiths.  
 Ernest John Kistler.

Harry V. D. Hunt.

William Lewis Hammond.  
 Kiosuke Iwai.

Following was passed by unani-  
 mous vote:

Resolved. Recognizing his  
 eminent services as an engineer  
 of mines in South Africa and  
 America, and upon the recom-  
 mendation of the faculty of the Colorado  
 School of Mines, the degree of En-  
 gineer of Mines is hereby confer-  
 red upon John Hayes Hammond  
 of New York.

Bills to the amount of \$12,493.26  
 were read, audited and allowed.

Orders were drawn on the State  
 auditor for \$2,000, \$1,000, \$1,000, \$1,000.

H. M. P. [unclear]

\$2,000 - \$1,000, \$1,000, \$1,000, \$1,000 and \$1,500, a total  
of \$12,000, to meet current expenses. Orders  
are numbered 505 to 514, both inclusive,  
transferred to the Treasurer.

Registrar turned in \$9,244.28 as re-  
ceipts from students since last regu-  
lar meeting. Transferred to the Treasurer.

Board then adjourned.

Geo. I. Smith

Secretary.

John P. Kelly

Golden, June 10, 1909.

The Board of Trustees of the Colorado  
School of Mines met in regular  
session. Present, Messrs. Kelly,  
Smith and Jeffrey. Absent, Messrs.  
Buckley and Lewis.

Minutes of the meeting of May  
13, 1909, were read and approved.

Following was passed by  
unanimous vote:

Resolved, That the thanks of  
the Board of Trustees, faculty, stu-  
dents, and friends of the Colorado School  
of Mines are hereby extended to John  
Hays Hammond, E.M., for his timely  
and instructive addresses at the com-  
mencement exercises, May 28, 1909, and  
also for his thoughtfulness in estab-  
lishing the bursary H. Hammond  
student loan fund by the gift  
of \$1,000 for that purpose.

Bills to the amount of \$9,264.76  
were read, credited and allowed.

Orders were drawn on the State  
auditor for \$2,000, \$2,000, \$2,000,  
and \$1,000, a total of \$9,000, to meet  
current expenses & transferred to the

M. R. Kelly  
May

M. R. Kelly



## Treasurer

Registrar turned in #213.77 as receipts from students since last regular meeting & transferred to the Treasurer

On the recommendation of President Allison the faculty for the ensuing school year, beginning September 1, 1909, and ending August 31, 1910, was adopted as follows, with salaries attached, to be paid in monthly installments:

H. B. Pettit, professor of geology and mineralogy.	\$2,500
Herman Fleck, professor of chemistry	2,500
F. W. Treckherger, professor of metallurgy	3,000
C. R. Burger, professor of mathematics	2,000
H. F. Allison, professor of civil engineering	1,800
Arthur J. Hoskin, professor of mining	2,200
F. H. Crozier, professor of mechanical engineering	1,800
L. F. Miller, professor of physics	1,700
William L. Hazard, assistant professor of electrical engineering	1,800
William L. Halstead, assistant professor of metallurgy	2,100
Charles D. Jeff, assistant professor of analytical chemistry	1,500
J. Montague Butler, assistant professor of geology and mineralogy	1,600
John C. Bailer, assistant professor of qualitative analysis	1,500
Allyn C. Smith, assistant professor of mining	1,600

Robert B. Otis, assistant professor of  
mechanical engineering 1.600  
Edwin C. Briggs, assistant profes-  
sor of mechanical engineering 1.400  
Charles E. Smith, assistant pro-  
fessor of geology and mineralogy 1.400  
William S. Medell, instructor in  
chemistry 1.100  
E. E. F. Sherwood, instructor in  
mathematics 1.300

Board then adjourned  
Geo. I. Smith  
Secretary  
John P. Kelly

Green, Colo., July 8, 1909.

Board of Trustees of the Colorado  
School of Mines met in regular ses-  
sion. Present Messrs. Kelly, Smith  
and Buckley. Absent Messrs. Jaffe  
and Lewis.

Minutes of the meeting of June  
10, 1909, were read and approved.

Bills to the amount of \$589.08  
were read, audited and allowed.

Orders were drawn on the state  
creditor for \$1,000, \$1,000 and \$1,500  
to meet current expenses. They  
passed to the treasurer.

The registrar reported \$2,232.70  
as receipts from students and others.  
outside of the mill tax. Since last reg-  
ular meeting a check passed to the  
treasurer.

Board then adjourned.

Geo. I. Smith  
Secretary

N. M. Haskins  
Treas.

N. M. Haskins  
Treas.

Golden, Colo., Aug. 12, 1909.

Board of Trustees of the Colorado  
School of Mines met in regular ses-  
sion. Present. Messrs. Kelly, Smith,  
Burdley and Joffe. Absent.  
Mr. William B. Lewis.

Minutes of meeting of July 8, 1909,  
were read and approved.

Following was passed by unani-  
mous vote:

Whereas the president and fel-  
lows of Harvard college have invit-  
ed the Colorado School of Mines to  
be represented by a delegate at  
the inauguration of Abbott Lawrence  
Lowell, LL.D., as the twenty-fourth  
president of Harvard university in  
Cambridge, Mass., on Wednesday  
and Thursday, October 6 and 7, 1909,

Resolved that the invitation be  
accepted and that President Victor  
C. Alderson be and is hereby ap-  
pointed such delegate.

Bills to the amount of \$6,092.48 were  
read, amended and allowed.

Orders were drawn on the state  
auditor for \$1,000, \$1,000, \$1,000, \$1,000 and  
\$1,500, making \$6,000 in all, to meet cur-  
rent expenses. Transferred to the  
Treasurer.

The registrar turned in \$213.00  
receipts from students since last  
regular meeting. Transferred  
to the Treasurer.

Board then adjourned.

Geo. J. Fuest

Secretary

Board re-convened.

AM [unclear]

AM [unclear]

The following resolution was passed by unanimous vote:

Resolved, That the appointment of the three faculty members on the Board of Directors of the Athletic Association of the Colorado School of Mines, as provided for in Article 3, Section 2, of the constitution of that organization, be made in the following manner: That the faculty of the Colorado School of Mines shall elect from said body three members, which three members shall be appointed by the President of the Colorado School of Mines as the three faculty members of the said Board of Directors, and that said three members shall be responsible to the faculty only in all matters pertaining to athletics where faculty representation is required under the said constitution of the Colorado School of Mines Athletic Association.

Board then adjourned.

Jas. S. Smith,

Secretary

Golden, Colo., Sept. 9, 1909.

Board of Trustees of the Colorado School of Mines met in regular session. Present, Messrs. Kelly, Smith, Buckley and Joffe. Absent, Messrs. Beckley and Lewis. Minutes of the meeting of August 12, 1909, were read and approved.

Following resolution was passed:

Resolved, That the Treasurer of the Board is hereby authorized to redeem in cash warrants drawn upon the state auditor in 1908 and numbered as follows: 467, 472, 475, 476, 477, 478, 479, 480, 481 and 482, for a total sum of \$14,800.

Following was passed by unanimous vote:

Resolved, That the thanks of the Board of Trustees and of the faculty of the Colorado School of Mines are hereby extended to Mr. Thomas A. Walsh, of Traction County, for his generous gift of \$5,000 to the Tinsan Walsh Research Department.

Mr. Buckley appeared and took his seat.

Bills to the amount of \$9,677.06 were read, credited and allowed.

The registrar turned in \$23,434.79 as receipts from students since last regular meeting. Transferred to the Treasurer.

Board then adjourned.

Geo. P. Smith  
Secretary

*Mr. Buckley*

Golden, Colo. Oct. 14, 1909.

Board of Trustees of the Colorado School of Mines met in regular session. Present, Messrs. Kelley, Smith, Buckley and Jeffel. Absent, Mr. William B. Lewis x

Minutes of the meeting of Sept. 9, 1909, were read and approved.

An order was drawn on the state auditor for \$15,000 under the special appropriation of May 4, 1909 x Transferred to the Treasurer x

Bills of the amount of \$14,862.94 were read, audited and allowed

The employment of a stenographer was authorized at an allowance of \$40 per month x

Register turned in 6.280 in receipts from students since last regular meeting. Transferred to the Treasurer x

Orders were drawn on the state auditor for \$1,000 - \$1,000 - \$1,000 - \$1,000 - \$1,000 - \$1,000 - \$1,000 and \$1,500 a total of \$9,500 - to meet current expenses. Transferred to the Treasurer x

Board then adjourned  
Jas. J. Smith

Secretary x

Following was adopted by unanimous vote: Resolved: That all money received under the act of March 4, 1909, shall be set aside for the construction of the proposed testing plant at the Colorado School of Mines, and shall be known as the Testing Plant fund. It be accounted for separately in the books of the school.

Jas. J. Smith, Secretary

Wm. Buckley  
Treas.

Wm. Buckley  
Treas.

Wm. Buckley  
Treas.

Golden, Colo., Nov. 11, 1909.

Board of Trustees of the Colorado School of Mines met in regular session. Present Messrs. Kelly, Smith and Jeff. Also Grand Jury. Absent Mr. W. B. Lewis.

Minutes of meeting of October 14, 1909, read and approved.

Following resolution was passed by unanimous vote:

Resolved, That beginning with the next fiscal year, December 1, 1909, the athletic charge against students and all receipts from athletic games, contributions, benefits, etc., shall be set aside in the Broad-Ruby National Bank as a separate fund, from which all bills of an athletic nature, salaries, etc., shall be paid. Further, in accordance with the practice now followed, no bill contracted by the athletic board of directors shall be presented to the Board of Trustees of the Colorado School of Mines for audit unless cash to meet the same is credited to the athletic fund.

Bills to the amount of \$7,660.86 were read, audited and allowed.

Orders were drawn on the state auditor for \$1,000, \$1,000, \$1,000 and \$1,500, a total of \$4,500, were drawn upon the state auditor to meet current expenses. Transferred to the Treasurer.

Bills against the Postery Plant fund to the total of \$992.25 were read, audited and allowed.

#7,660.86

H. M. [unclear]  
W

H.M. Bailey  
in  
+

The registrar turned in \$3.188.80 as receipts from students since last regular meeting. Transferred to the treasurer.

Following was passed by unanimous vote:

Resolved, That a special committee consisting of President Peterson, Frank Buckley and Joseph S. Joffe of the Board of Trustees, and Professors Fred C. Kellum and Edwin of the faculty is hereby appointed to consider the matter of a gas producing system and report at next regular meeting of the board.

Board then adjourned.

Des P. Smith  
Secretary

John P. Kelly  
Joseph S. Joffe



Golden, Colo., Dec. 9, 1909.

Board of Trustees of the Colorado School of Mines met in regular session a present Messrs. Kelley, Smith, Jaffer and Buckley. Absent William B. Lewis &

Minutes of the meeting of November 11, 1909, were read and approved.

Bills to the amount of \$16,032.94 were read, audited and allowed. Athletic bills to the amount of \$802.81 were also read, audited and allowed.

Athletic collections for the past month were reported at \$2,137.02 and transferred to the treasurer.

The registrar reported \$839.09 as receipts from students since last regular meeting and transferred to the treasurer.

Orders were drawn on the State auditor for \$2,000, \$2,000, \$2,000, \$2,000, \$2,000, \$1,000, \$1,000, \$1,000, \$1,000 and \$500, a total of \$15,500, to meet current expenses and transferred to the treasurer.

The secretary was authorized to advertise for proposals for the construction and foundations for the proposed creosoting and metallurgical plant, and also for the structural steel work for said plant. Same to be opened at next regular meeting.

Bids for gas producer outfit were opened as follows:

1. Cresser Wheeler Co. Denver	\$2,475
2. " " " " "	7,187
3. General Electric Co. "	to Total

- |                                    |         |
|------------------------------------|---------|
| 4. Western Electric Co Denver      | \$6.350 |
| 5. Hendrie & Belth of Co. "        | 3.280   |
| 6. Buckley Engine Co. Salem Ohio   | 14.590  |
| 7. Westinghouse Machine Co. Denver | 16.000  |

These bids were referred to a special committee consisting of Messrs Buckley, Smith and Jaffer to the Board of trustees. Dr. Peterson, president of the faculty, and Professors Cronin and Hazard of the faculty to meet at the office of Prof S. Jaffer, Wednesday, December 20, at 10 a. m.

Bids for coal supply were opened as follows:

- |                                       |        |
|---------------------------------------|--------|
| 1. Dural-Doveran Co. Golden, per ton  | \$1.75 |
| 2. J. H. Williams, Golden, slack, " " | 1.80   |
| 3. Centennial Coal Co. Denver " "     | 1.80   |
| 4. J. H. Williams, Golden             | 1.90   |

Bid of the Centennial Coal Co. being of Denver, was accepted, and contract for one year, 2,000 tons more or less, was authorized.

Professor Briggs was granted leave of absence until September 1, 1901.

On the favorable report of the special committee, which D. W. Brunton of Denver, was chairman, its <sup>no</sup> prize in the "Suggestion Contest" was awarded to Wallace A. Stephens, of Globe, A. T.

Report of Dr. Herman Fitch upon the Union Walsh Research fund, for year ending November 30, 1900, was received and placed on file.

Board then adjourned  
 Jas R. Smith —  
 Secretary

Golden, Colo. Dec. 20, 1909.

Board of Trustees met in special session. Present. Messrs. Smith, Jeffer and Buckley. Absent. Messrs. Kelly and Lewis. A contract for gas producer, gas engine and electrical equipment was awarded to Westinghouse Mechanical Company of Pittsburg, Pa. at \$16,000. To be paid as follows:

Board then adjourned.

John P. Kelly  
Secretary

#### LEGAL NOTICES

**COLORADO SCHOOL OF MINES,**  
Golden, Colorado, Dec. 9, 1909.  
Bids for the excavations and concrete foundations for the ore dressing and metallurgical experimental plant at the Colorado School of Mines, Golden, are hereby called for, to be opened at 9 a. m., January 13, 1910, at a meeting of the board of trustees in Golden. Specifications and drawings can be seen at the Denver Engineering Works, Thirtieth and Blake streets, Denver. To insure good faith a certified check for \$250 must accompany each bid. The board reserves the right to reject any and all bids.

(Signed) **JOHN P. KELLY,**  
President Board of Trustees,  
**JAMES T. SMITH,**  
Secretary Board of Trustees.

**COLORADO SCHOOL OF MINES,**  
Golden, Colo., Dec. 9, 1909.  
Bids for the structural steel work for the ore dressing and metallurgical experimental plant at the Colorado School of Mines, Golden, are hereby called for, to be opened at 9 a. m., January 13, 1910, at a meeting of the board of trustees in Golden. Specifications and drawings can be seen at the Denver Engineering Works, Thirtieth and Blake streets, Denver. To insure good faith a certified check for \$1,000 must accompany each bid. The board reserves the right to reject any and all bids.

(Signed) **JOHN P. KELLY,**  
President Board of Trustees,  
**JAMES T. SMITH,**  
Secretary Board of Trustees.

Golden, Colo. Jan. 13, 1910.

Board of Trustees met in regular session. Present. Messrs. Kelly, Smith and Buckley. Absent. Messrs. Jeffer and Lewis.

Minutes of regular meeting of December 9, 1909 and special meeting of December 20, 1909 were read and approved.

On the recommendation of Dr. Alderson Charles S. Steele, S. B., was retained as instructor in mechanical engineering at \$120 per month - for remainder of school year.