

## SCHOOL OF MINES TAX FUND

## SUPPLY VOUCHERS

1938	The Duvall-Davison Lumber Company	153.16
1939	H. H. Barhart	29.82
1940	Economics Laboratory, Inc.	77.85
1941	Rik Coal Company	1,864.14
1942	Edward G. Fisher	26.05
1943	Fisher Scientific Company	7.13
1944	Floridin Company	21.75
1945	Foss Drug Company	312.29
1946	N. L. Foss, Inc.	22.42
1947	Frankel Carbon & Ribbon Company	130.83
1948	Fries Instrument Division	15.25
1949	Gardner-Denver Company	68.98
1950	Gaylord Bros., Inc.	15.30
1951	General Electric Instrument Dept.	534.48
1952	General Radio Company	88.90
1953	Geological Society of America, Inc.	19.50
1954	Good Auto Parts	81.55
1955	Paul Gottschalk, Inc.	35.50
1956	Graham Paper Company	181.54
1957	Grant Agency, Inc.	234.00
1958	Clyde Gregory	1.82
1959	Miles E. Grosvenor	31.92
1960	The Hallack & Howard Lumber Co.	105.85
1961	Jack Hancock	13.16
1962	Harvard Cooperative Society, Inc.	8.00
1963	Hassco, Inc.	47.74
1964	John D. Haun	57.52
1965	John R. Hayes	17.85
1966	Heath Company	199.42
1967	Hendrie & Bolthoff Company	107.55
1968	H. Hoffman Company	57.63
1969	W. Warren Howe	326.41
1970	Roger Hull	23.77
1971	Insoo Company, Inc.	18.00
1972	Institution of Mechanical Engineers	12.60
1973	The Institute of Metals	9.10
1974	Interscience Publishers, Inc.	9.48
1975	Jefferson Transit Mix Company	239.93
1976	Jefferson Typewriter & Adding Machine Company	10.50
1977	Jeppesen and Company	10.00
1978	J. Harlan Johnson	190.25
1979	Walter J. Johnson, Inc.	254.80
1980	K. C. Construction Supply Co.	68.16
1981	K. C. Hardware Company	55.80
1982	Keith Safe Company	12.90
1983	Harry E. Kelsey	5.46
1984	Kauffel and Esser Company	71.01
1985	Kistler's	112.31
1986	Knoebel Mercantile Company	35.06
1987	Kohler McLister Paint Company	83.16
1988	Lakewood Sign Service	210.70
1989	Edward W. Lange	9.59
1990	Life	9.95
1991	LockJoint Pipe Company	22.80

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## SUPPLY VOUCHERS

1992	V. Allan Long	10.50
1993	Longero Boiler & Sheet Iron Works	24.00
1994	Lowe & Campbell Athletic Goods	125.20
1995	Manchester Guardian	7.00
1996	The Matheson Company, Inc.	35.90
1997	Metal Goods Corporation	8.70
1998	Meyer Hardware & Sporting Goods	13.64
1999	Mickey's Conoco Service	12.88
2000	Mico Instrument Company	15.61
2001	Midwest Saw Filing & Grinding	33.60
2002	Mine and Smelter Supply Company	842.50
2003	Miner's Assay Office	32.00
2004	Mine Safety Appliances Co.	22.00
2005	State Motor Car Pool	176.93
2006	The Mountain & Plain Paint Co.	9.25
2007	Mountain States Telephone and Telegraph Company	1,447.86
2008	Mutual Office Supply Company	104.15
2009	Natural History Book Club, Inc.	5.20
2010	Northwest Geological Service	21.07
2011	Lawrence Ogden	10.36
2012	Oser Exterminating Company	6.00
2013	J. A. Ossen Company	10.48
2014	Calvin Palmer	14.00
2015	Paramount Cleaners-Dyers	84.75
2016	L. J. Parkinson	9.24
2017	J. E. Payne	10.00
2018	Anton G. Pegis	7.28
2019	Phillips Petroleum Company	46.23
2020	John W. Pickthall	11.90
2021	Pioneer Auto Wrecking Company	11.49
2022	Theodore W. Pohrts	9.00
2023	Poindexter Electric Company	1,215.23
2024	Public Service Company of Colo.	972.01
2025	Publishers Press, Inc.	639.91
2026	Donald O. Rausch	12.32
2027	Reliable Typewriter Company	51.25
2028	Remington Rand	7.00
2029	Colorado School of Mines Revolving Fund	679.97
2030	Rhea Lithographing & Envelope Co.	268.84
2031	Richey's Refrigeration Service	35.55
2032	Riley's	21.00
2033	Rite Lite Supply Company	532.00
2034	The Roll-A-Liner Company	10.40
2035	Sachs-Lawlor	15.76
2036	Sears, Roebuck and Company	46.14
2037	Samuel Shaw, III	15.40
2038	Stechert-Hafner, Inc.	27.85
2039	Gurnett Steinhauer	221.59
2040	Steve Frederick Chevrolet Co.	53.06
2041	St. Louis Button Co., Inc.	37.67
2042	Strawn's Stationery Co.	391.52

May 9, 1957

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

2043	B. K. Sweeney Company	34.41	
2044	Technical Equipment Corp.	97.00	
2045	The Todd Company, Inc.	10.00	
2046	Chris Tolos	104.16	
2047	William Trussell	15.11	
2048	Union Supply Company	538.83	
2049	United Air Lines	469.05	
2050	The United Materials, Inc.	457.92	
2051	U. S. Geological Survey	8.70	
2052	United States Welding Works Co.	29.76	
2053	United Tool and Material Company	43.75	
2054	Universal Tractor Company	345.60	
2055	University of Colorado	151.84	
2056	John W Vanderwilt	11.78	
2057	Vroman's	7.50	
2058	The Vulcan Iron Works Co.	66.38	
2059	W. M. Welch Mfg. Company	220.16	
2060	Law Wenzel & Co. of Colorado	27.00	
2061	West Disinfecting Company	105.00	
2062	The Western Belting Co., Inc.	30.24	
2063	Weston Electrical Instrument Corp.	1,083.01	
2064	Westway Motor Freight, Inc.	51.13	
2065	Virginia Lee Wilcox	10.92	
2066	C. G. Wilhelm	264.00	
2067	Arthur Williams	10.50	
2068	Wa. Bros. Boiler & Mfg. Co.	97.41	
2069	G. D. Wispress	20.00	
2070	Webber Auto Body & Mfg. Co.	305.26	
	TOTAL SUPPLY VOUCHERS		30,229.75

EXPERIMENTAL PLANT FUND

SUPPLY VOUCHERS

52	Colorado School of Mines Research Foundation, Inc.	2,351.65	
	TOTAL EXPERIMENTAL PLANT FUND		2,351.65

MILL LEVY BUILDING FUND

SUPPLY VOUCHERS

292	Crabb Plumbing & Heating Co.	2,080.00	
293	Newstrom-Davis and Co.	18,369.00	
294	Sturgeon Electric Company, Inc.	6,978.00	
	TOTAL MILL LEVY BUILDING FUND		27,427.00

May 9, 1957

The members of the Board congratulated Mr. Joseph Coors on his recent appointment by the Governor for a six-year term, ending March 23, 1963, and welcomed him as a member. Mr. Coors took the official oath of office as required by Colorado statute.

Election of President. To fill the vacancy left by Mr. Lester C. Thomas, retiring member of the Board, Dr. Ben H. Parker was nominated by Mr. Ken Fenwick. The nomination was seconded by Mr. Joe Coors, and Dr. Parker was elected by unanimous ballot, Dr. Parker abstaining from voting.

Election of Board Members to CSM Foundation, Inc. It was mutually agreed that it would be desirable for Mr. Thomas to continue as a Director of the CSM Foundation, Inc. at least through the May meeting of its Board, and since under the bylaws of the Colorado School of Mines Foundation, Inc. Mr. Thomas qualified to continue as a Director representing the school until such time as a replacement was officially designated, election of a replacement was deferred to a future meeting of the school Board.

Minutes. The minutes of the regular session on April 12, 1957 were reviewed and approved.

The minutes of the special meeting on April 17, 1957 were reviewed and approved.

Emeritus Faculty Research Arrangements. Proposed research projects by Dr. W. Warren Howe and Dr. J. Harlan Johnson, following their retirement, were reviewed and discussed.

It was noted that Dr. J. Harlan Johnson had previous commitments which would not be fulfilled until January 1, 1958, after which he might be interested in an algae research program, presented previously.

President Vanderwilt stated that Dr. W. Warren Howe had not applied for a research grant because he had learned that a grant would not constitute self-employment under Social Security regulations for earning Social Security benefits which he wished to establish.

The Board reaffirmed its desire to maintain a continuing relationship with Professor Emeriti and approved providing school space for their use, if at all possible, to conduct research and/or consulting work. Since the funds for any contemplated research were to come from Colorado School of Mines Foundation, Inc. funds, no action was taken or recommendations made beyond the approval of use of school space, should such a program be realized. It was mutually agreed that consideration should be given to handling such matters if they develop through the Colorado School of Mines Research Foundation, Inc.

Faculty Contracts for 1957-58. The faculty contracts for 1957-58 were approved as follows:

Teaching Faculty

Glenn K. Armstrong Instructor in Petroleum Refining Engineering	\$5,425.00
Henry A. Babcock Assistant Professor of Civil Engineering	6,625.00
Peter C. Badgley Assistant Professor of Geology	5,775.00
Douglas W. Bainbridge Associate Professor of Metallurgy	6,925.00
James O. Ball Professor of Petroleum Refining Engineering and Head of Department	9,475.00
Clark F. Barb Professor of Petroleum Production Engineering and Head of Department	9,325.00
Paul F. Bartunek Professor of Physics	7,725.00
Victor W. Bauman Assistant Professor of Mathematics	6,025.00
Robert A. Baxter Professor of Chemistry	7,925.00
Harold Bloom Special Lecturer in Geology	4,975.00
Fritz S. Brennecke Director of Athletics and Head Football Coach	8,475.00
Frank R. Campbell Associate Professor of Mechanical Engineering	7,075.00
Frederick M. Carpenter Associate Professor of Mathematics	7,125.00
Robert H. Carpenter Professor of Geology (On academic leave, 1957-58 school year. To receive one-half salary)	7,525.00
William J. Chapisis Assistant Professor of English and Modern Foreign Languages	6,125.00
John M. Coke Professor of Descriptive Geometry and Engineering Drawing and Head of Department	8,125.00

George S. Cook Associate Professor of Mathematics	6,925.00
Joseph P. Crisler Instructor in Chemistry	5,225.00
James Darden Assistant Professor of Physical Education	6,200.00
Joseph E. Davies Associate Professor of Physical Education	6,975.00
Robert B. Day Instructor in Metallurgy	5,325.00
Walter H. Dumke Professor of Chemistry	7,725.00
Rudy C. Epis Assistant Professor of Geology	5,525.00
Edward G. Fisher Professor of English and Head of Department	8,475.00
Hilbert E. Fletcher Assistant Professor of Electrical Engineering.	6,275.00
Leland S. Fox Instructor in Chemistry	5,175.00
Paul J. Fritts Instructor in Descriptive Geometry and Engineering Drawing	5,175.00
Hildreth Frost, Jr. Instructor in Metallurgy	5,425.00
C. O. Frush Associate Professor of Mining Engineering	6,425.00
John M. George Instructor in English	4,825.00
Niles E. Grosvenor Assistant Professor of Mining Engineering (On academic leave, 1957-58 school year, To receive three-quarters salary)	6,000.00
Raymond R. Gutzman Assistant Professor of Mathematics	6,225.00
John W. Hancock Instructor in Physical Education	4,925.00
L. W. Hartkemeier Associate Professor of Chemistry	7,425.00
Wilfred P. Hasbrouck Instructor in Geophysics	5,425.00

John D. Haun Assistant Professor of Geology	6,325.00
John R. Hayes Associate Professor of Geology	7,175.00
Ivan L. Hebel Professor of Mathematics and Head of Department	8,475.00
John C. Hollister Professor of Geophysics and Head of Department	9,325.00
Augustus S. Houghton Associate Professor of Chemistry	6,775.00
Robert S. Hufstedler Instructor in Chemistry	5,525.00
Robert M. Hutchinson Assistant Professor of Geology	6,000.00
Henry L. Jicha, Jr. Assistant Professor of Geology	5,425.00
Don H. Johnson Instructor in Geology	5,225.00
George W. Johnson Associate Professor of English	6,925.00
William H. Journey Associate Professor of Mathematics	7,425.00
Stephen P. Kanizay Assistant Professor of Geology	5,425.00
Paul H. Keating Professor of Geology	7,825.00
T. A. Kelly Professor of Civil Engineering and Head of Department	8,475.00
Harry C. Kent Instructor in Geology	4,675.00
John V. Kline Associate Professor of Physics	6,825.00
Michael H. Lafferty Instructor in English	4,675.00
Winton Laubach Instructor in Mathematics	5,025.00
L. W. LeRoy Professor of Geology and Head of Department	9,475.00

V. Allan Long	8,825.00
Professor of Physics and Head of Department	
George B. Lucas	5,725.00
Assistant Professor of Chemistry	
Donald Marsh	5,300.00
Instructor in Mathematics	
Scott Marshall	5,725.00
Instructor in Electrical Engineering	
W. D. Mateer	6,025.00
Assistant Professor of Geology	
Frank S. Mathews	6,925.00
Associate Professor of Physics	
George T. Merideth	8,125.00
Professor of Geophysics	
James Merrin	6,425.00
Assistant Professor of English	
Dale Milich	5,075.00
Instructor in Descriptive Geometry and Engineering Drawing	
Fred E. Moore	4,925.00
Instructor in Geology	
Carl G. Nordquist	5,625.00
Assistant Professor of Economics	
Lawrence Ogden	5,625.00
Instructor in Geology	
Robert B. Osborn	6,825.00
Associate Professor of Mathematics	
Ben H. Parker, Jr.	4,925.00
Instructor in Geology	
Lute J. Parkinson	9,825.00
Professor of Mining Engineering and Head of Department	
Thomas E. Paynter	8,125.00
Professor of Electrical Engineering and Head of Department	
R. S. Pearson	5,175.00
Instructor in Chemistry	
Anton G. Pegis	5,625.00
Assistant Professor of English	
Theodore W. Pohrte	6,125.00
Assistant Professor of Physics	



H. Gordon Poole Professor of Metallurgy and Head of Department	9,825.00
Richard J. Pratt Assistant Professor of Chemistry	5,725.00
Ronald D. Preston Associate Professor of Civil Engineering	6,625.00
Donald O. Rausch Instructor in Mining	4,725.00
W. M. Richtmann Professor of Mechanical Engineering and Head of Department	8,600.00
Paul A. Rodgers Associate Professor of Geophysics	6,725.00
N. Cyril Schieltz Associate Professor of Metallurgy	7,625.00
Samuel Shaw, III Instructor in Mining Engineering	4,625.00
George Sisson Instructor in Chemistry and Supervisor of Chemistry Stock Room	4,975.00
Francis E. Smiley, Jr. Assistant Professor of Civil Engineering	6,525.00
Charles W. Starks Assistant Professor of Chemistry	5,725.00
Robert J. Taylor Instructor in Descriptive Geometry and Engineering Drawing	4,850.00
Chris Tolos Instructor in Physical Education and Business Manager of the Athletic Department	5,425.00
David W. Trexler Assistant Professor of Geology	5,725.00
Arthur P. Wichmann Professor of Metallurgy	7,925.00
Art Williams Assistant Professor of Physics	6,325.00
Arthur R. Williams Assistant Professor of Chemistry	6,325.00
John T. Williams Assistant Professor of Chemistry	6,325.00
Terrence J. Williams Instructor in English	4,675.00

Nonteaching  
and Administrative Staff

Joycelyn Aylor Documents Librarian	4,500.00
H. Dean Burdick Director of Admissions	7,900.00
William V. Burger Dean of Students and Registrar	8,200.00
Bernetta Conrey Departmental Assistant	5,450.00
Harold H. Earhart Superintendent of Buildings & Grounds	8,155.00
Madeleine Gibbons Reference Librarian	5,500.00
Clara C. Gross Catalogue Librarian	5,600.00
Roger Hull Editor, Office of Public Information	5,300.00
Harry E. Kelsey Assistant Business Manager	6,775.00
Truman H. Kuhn Dean of the Faculty	13,400.00
A. L. Pierce Metallurgy Laboratory Assistant	5,325.00
Gurnett Steinhauer Business Manager	11,300.00
Virginia Lee Wilcox Librarian	8,000.00
G. Duncan Wimpres Assistant to the President	10,300.00

New Salary Brackets. Salary brackets for teaching and nonteaching personnel were reviewed. In addition to the revisions necessary to conform with the salary schedules for 1957-58, the following changes in the proposed new schedule were discussed: (1) Combining "Professors and Heads of Degree-Granting Departments" and "Professors and Heads of Non-Degree-Granting Departments" under one heading, namely, "Department Heads"; (2) Indicate the maximum as "open" for both "Professors" and "Department Heads"; (3) The revision and reduction of the P-1 to 7 groups into 6 groups.

On motion, duly seconded, and unanimously passed, the following salary brackets were approved and adopted, effective September 1, 1957.

	<u>Position</u>	<u>Minimum</u>	<u>Maximum</u>
	Instructor	\$4,000	\$6,200
	Assistant Professor	5,100	7,200
	Associate Professor	6,300	8,200
	Professor	7,300	Open
	Department Heads	7,300	Open
P1	Laboratory Assistant Chemistry Stockroom Dining Hall Manager	3,600	5,600
P2	President's Secretary Business Manager of Athletic Department Editor, Public Information	4,200	6,200
P3	Assistant Librarian Catalogue Librarian Reference Librarian Documents Librarian	4,200	6,600
P4	Assistant Business Manager Director of Publications Superintendent, Buildings and Grounds	6,600	8,800
P5	Director of Admissions Librarian Dean of Students	7,000	10,000
P6	Director, Experimental Plant Assistant to the President Dean of the Graduate School Business Manager Dean of the Faculty	9,000	Open

Tuition and Fees. President Vanderwilt read for the information of the Board, a letter dated May 1, 1957 from Governor McNichols. The letter read as follows:

John W Vanderwilt, President  
Colorado School of Mines  
Golden, Colorado

Dear President Vanderwilt:

You will recall that in the Inaugural Message I noted that "We must establish salaries for these

faculty positions that will attract top quality men and women and keep the many that we now have."

In my Budget Message, I suggested further that "The needs of our institutions of higher learning for substantial salary raises for faculty is well established, and must be recognized if our new buildings are to house competent staffs capable of giving our young people a first-class education."

The Joint Subcommittee on Appropriations, in its report on "The Long Bill," similarly noted that "The college and university budgets recommended by the Subcommittee constitute a major adjustment in the faculty salary levels at all of the seven state institutions. These adjustments are generally in line with the appeal of the colleges . . ."

The Subcommittee further made certain specific recommendations to the colleges with respect to tuition charges, to help to finance the salary raises it recommended.

Many of you have now had opportunity to translate these recommendations into action. We would appreciate knowing your implementation of the 1957-58 budget, especially in the realm of faculty salaries and tuition action, at your earliest convenience.

Sincerely,

/s/ Steve McNichols

A summary of current rates and the rates being proposed for 1957-58 for tuition and fees of Colorado tax-supported educational institutions prepared by the Business Office under date of April 24, 1957 was distributed and reviewed. It was noted that student fees were relatively higher at the other institutions and that none of the institutions made a distinction between resident and nonresident students in annual fees charged. In the absence of a breakdown, it was not possible to compare student fees as such and it was mutually agreed that a breakdown would be most desirable.

The summary indicated that annual tuition at the Colorado School of Mines was two to nine times greater for residents than at other institutions and nonresident tuition was 20% greater than that at the larger institutions and as much as 5 times that of smaller colleges. The possible unfavorable effect of a higher tuition and annual fee total of \$100 to \$125 at the Colorado School of Mines as compared to the total for engineering at the University of Colorado was discussed at considerable length. President Vanderwilt stated that Mr. Burdick had reported difficulties he had encountered in explaining to a parent

of a high school student why an engineering education at the Colorado School of Mines should cost so much more than an engineering education at the University of Colorado or Colorado State University. It was pointed out that because of the higher teaching costs in mineral engineering, and the more expensive facilities required, nonresident tuition should be the highest of any state-supported university or college in Colorado. It was agreed that resident tuition should be kept at a minimum and that the added income to be raised from increased tuition as recommended by the Joint Subcommittee on Appropriations for upward adjustment in the faculty salary levels should be derived from an increase in nonresident tuition.

In view of the figures contained in the 1957-58 estimated budget as of May 7, 1957, it was moved, duly seconded, and unanimously passed that annual tuition effective September 1, 1957 be increased for resident students from \$225 to \$235, and for nonresident students from \$475 to \$550.

The student fees were next discussed. It was recognized that the term "annual fees" as used in the summary of tuition and fees of the Colorado tax-supported educational institution included matriculation fees, library fees, and other categories, in addition to "student fees" restricted for student activities for which state funds cannot be used.

President Vanderwilt stated that although definite figures were not available, it seemed that student fees as such at the Colorado School of Mines were materially lower than at the other colleges, and that this was particularly so for fees earmarked for a student or college union. The Student Council being aware of this were considering recommending an increase in student union fees of \$4.00 a semester or \$8.00 per year and action was expected at the Student Council meeting on Wednesday, May 15, 1957.

On motion, duly seconded, and unanimously passed, the Board of Trustees approved, subject to favorable action by the Student Council on Wednesday, May 15, 1957, an increase in student union fees from the current rate of \$1.00 per semester or \$2.00 per year to \$5.00 per semester or \$10.00 per year, effective September 1, 1957.

With this increase, the total student fee would become \$33.00 per semester, or \$66.00 per year.

Monthly Reports. Mr. Steinhauer presented and reviewed monthly reports as follows: Summary of Budget Appropriations and Disbursements, as of April 30, 1957; Balance Sheet, April 30, 1957; Mill Levy Building Fund, as of April 30, 1957; Experimental Plant Funds, as of April 30, 1957; Summary of Budget Appropriation and Disbursements; Dining Hall, covering period July 9, 1956 through June 30, 1957, from March 21, 1957 through April 20, 1957; Statement of Income and Expense, Canteen, covering period March 21, 1957 through April 18, 1957; Statement

of Income & Expense, Mines Park, April, 1957; Mines Park, Summary of Budget Receipts & Disbursements, as of April 20, 1957; Statement of Income & Expense, Prospector Park, April, 1957; Statement of Income & Expense, Bradford Hall, April, 1957; Statement of Income & Expense, C.S.M. Houses--Group 1, April, 1957; Statement of Income & Expense, C.S.M. Houses--Group 2, April, 1957; Statement of Income & Expense, Mines Park Addition, April, 1957; Mines Park Addition, Summary of Budget Receipts & Disbursements, as of April 20, 1957; Statement of Income & Expense, C.S.M. Houses Group 1 & Mines Park Addition, April, 1957; Statement of Income & Expense, 1956-57 Health and Accident Plan, Associated Students of the Colorado School of Mines, Inc., April 30, 1957; Budget Period, 1956-57 Health and Accident Plan, Associated Students of the Colorado School of Mines, Inc. April 30, 1957; and the Athletic Association, Summary of Budget Appropriations and Disbursements, as of April 20, 1957.

1957-58 Budget. Mr. Steinhauer presented copies and reviewed the Colorado School of Mines 1957-58 estimated budget as of May 7, 1957, showing comparative estimated balances as of June 30, 1958 with current tuition income and increased resident tuition by \$10 and nonresident by \$25 and \$55. The estimated balance for July 1, 1957 of \$75,000, Mr. Steinhauer stated, was believed to be conservative but more accurate figures would not be available for some weeks.

It was pointed out that the estimated balance for June 30, 1958, assuming an increase in resident tuition of \$10 and nonresident of \$55, annually, was \$10,110.50. A further increase of nonresident tuition of \$20 annually would increase the estimated balance by about \$13,000, an amount somewhat comparable to the amounts used in estimated budgets of previous years.

No action was taken on the estimated budget, since more accurate figures could be presented at the June meeting of the Board.

Conversion of Heating Plant. Reports were presented providing information requested some months ago by the Board of Trustees regarding the possibility of converting our present heating plant from coal to gas. The reports contain data and opinions from representatives of the Public Service Company of Colorado, from Stearns Rogers Manufacturing Company, and from Fuller, Fuller and Fuller, Architects. Differences of opinion were expressed in these reports as to the use of propane gas or oil for stand-by fuel as against coal-fired burners as stand-by units.

It was generally agreed that conversion to gas would result in increased plant capacity, increased boiler efficiency, reduced maintenance, and provide a cleaner operation. However, a saving, if any, in cost of operation was not indicated, and a high initial capital investment

was required. In view of this high indicated conversion cost without any indicated material difference in operating cost, it was decided not to convert the central heating system to gas now.

Mines Park Rentals. A reappraisal of rent rates was made, and in view of increased costs of operation and in the light of the appraisal of the value of Mines Park which was authorized by the Board of Trustees at its regular meeting on March 8, 1957, consideration was given to the net return that was desirable from self-supporting ventures such as Mines Park. It was generally agreed that a debt service on the current appraised value of the buildings in the amount of \$370,000 over a period of 40 years at 3% interest should be a minimum for which to strive.

Copies of comparative income and expense figures for the past four years, prepared by Mr. Steinhauer under date of April 8, 1957, were distributed and reviewed. It was noted that the average monthly utilities and services included in the "rent rates" roughly equaled the average monthly maintenance and water charges. The Board questioned the logic of continuing to fix rent rates for the large and small units strictly in proportion to square footages, since it is recognized that smaller units regularly cost relatively more to maintain and operate than larger units. An analysis brought out the current rental of the smaller units were relatively lower than that of the larger units. After a full discussion, it was concluded that it probably would not be feasible to increase the rent rates to place the budget on a fully self-liquidating or self-supporting, basis which would include a minimum net return of 3% on the appraised value of the buildings. A careful review of possible savings in maintenance was made and it was the consensus that a saving was possible and desirable. In addition to the savings that might be effected in monthly services and maintenance, it was the consensus that rental rates should be increased. On motion, duly seconded, and unanimously passed, the following rates, effective September 1, 1957 were adopted.

	<u>Current Rental</u>	<u>Rental Effective September 1, 1957</u>
Buffet Apartment	\$48.00	\$70.00
One-Bedroom Apartment	64.00	85.00
Two-Bedroom Apartment	80.50	97.50
Small House	100.00	120.00
Large House	105.50	127.50

Mines Park Addition Rentals. In view of indicated increases in maintenance, it was moved, seconded, and unanimously passed that Mines Park Addition rents be increased as follows:

	<u>Current Rental</u>	<u>Rental Effective September 1, 1957</u>
Two-Bedroom House	\$85.00	\$100.00
Three-Bedroom House	95.00	110.00

Pereira and Luckman Contract. Mr. Steinhauer stated that the Executive Assistant to the Governor had returned the executed contract between Pereira and Luckman and the school for preliminary site planning in connection with housing area of the master plan with a request that the contract be prepared on a standard form, available in the state purchasing agent's office. A new contract had been prepared using the standard form.

On motion, duly seconded, and unanimously passed, the Board approved the revised contract on the standard form.

Lease - Jefferson Clay & Investment Company. The lease dated May 9, 1957 was approved and the signatures of the President and the Secretary of the Board of Trustees were authorized.

Prospector Service. A report by Mr. Crabtree prepared on request was reviewed. The report covered (1) cost of service, (2) quantity of work, (3) possible reduction in cost, and (4) additional services performed as part of the service. The services of a full-time geologist-petrologist are used and 80% overhead is charged on all of this work. The number of samples in 1955 and 1956 is materially larger than the total in 1954. The additional services performed as part of the work consists of considerable correspondence from individuals which in effect is public relations work. In Mr. Crabtree's report, it was indicated that present overhead at the Research Foundation, not considering his remuneration from the school, is currently 73.37%. He states "Since I do not think we should attempt to do more than break even on Prospector Service, an adjustment in this overhead rate should be considered. Our overhead rate will, of course, vary with our volume of business, but I would think an overhead rate of some place between 50% and 75% would be ample."

It was noted that the average cost per sample was around \$3.00 and that some of the geologist-petrologist's time had been used for other than Prospector Service. It was mutually agreed that the policy be adopted: (1) to attempt to charge for out-of-state samples a rate to cover the cost of service; (2) to credit the Prospector Service with any time the geologist-petrologist devoted to other work; and (3) to reduce the overhead charge to 50%.

#### Property.

Self-Amortizing Loans. Mr. Steinhauer reported that he had been unable as yet to get loan commitments, but that some interest had been indicated by lending agencies in a blanket coverage, if one could be worked out, and he would continue his inquiry.

Rowe Property, 1612 Illinois Street. The offer of \$10,500 authorized by the Board had been accepted and a contract was being prepared.



Wood Property, 1200 Illinois Street. Mr. Steinhauer reported on a new offer under date of April 17, made by Mr. Charles W. Wood. After full consideration of the offer, it was decided not to accept the offer.

Reinhard Property, 1035 Fifteenth Street. The offer of \$16,700, the appraised value of the property, had been accepted by Mr. Reinhard, and a contract was being prepared.

Maple Apartments. An offer of sale made by the owner, Mrs. Branch, was reviewed by Mr. Steinhauer. The Board decided not to accept the offer.

Resolution of Appreciation for Lester C. Thomas. The members of the Board gave consideration to a suitable expression of appreciation to Mr. Lester C. Thomas for his services to the school as a member of the Board of Trustees. On motion, duly seconded, and unanimously passed, the following resolution was adopted.

WHEREAS, Lester C. Thomas was appointed by the Governor to the Board of Trustees of the Colorado School of Mines on April 9, 1945; re-appointed on March 5, 1951; elected Vice President of the Board on February 14, 1947; elected President of the Board on April 8, 1949, and through successive reelections continued as President; and having served with selfless devotion and sound judgment the best interests of the Colorado School of Mines during his tenure in office; and

WHEREAS, Mr. Thomas' wisdom and exceptional qualities of leadership, coupled with his thoughtful understanding and broad knowledge of educational problems, have earned him the respect and confidence of all who know him; and his warm personality, his strength of character, his integrity and honest sincerity, and, above all, his unselfish dedication, have forever endeared him to his associates and have resulted in his honoring the Board by his presence;

THEREFORE BE IT RESOLVED that the members of the Board of Trustees, fully aware that the true breadth of his contribution to his Alma Mater can never be measured and acutely conscious of a very real loss to their group, herewith express to Lester C. Thomas their deepest respect, their unbounded appreciation for his devoted service, their great personal admiration and regard, their best wishes for the years ahead, and their sincerest hope that he will continue to lend of his time and talents to the cause of the Colorado School of Mines; and

BE IT FURTHER RESOLVED that this resolution shall be recorded in the minutes of this Board meeting and that a copy thereof shall be transmitted to Mr. Thomas.

Additional Staff for Dean of Students. President Vanderwilt reviewed for information a memorandum presented by Dean Burger, through Dean Kuhn, concerning either a full-time or part-time man to be added to the staff of the Dean of Students to assume responsibility for student housing, foreign student counseling, and freshmen counseling. It was felt that the suggested plan had merit, but since there was not sufficient time for a thorough study of the proposal, a sum of \$6,800 should be provided in the budget for this purpose in case it was found to be reasonable. A recommendation was promised for the June meeting of the Board.

Distributions. The following reports were distributed to the members of the Board.

- (1) CSM Research Foundation, Progress Report on Western Coking Coals, March, 1957.
- (2) Tabulation of information on 1957 graduating class.

The meeting adjourned at 3:30 p.m.

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Secretary

Golden, Colorado  
June 14, 1957

The Board of Trustees met in regular session on June 14, 1957 at 8:00 a.m. in the President's Office, Colorado School of Mines, Golden, Colorado.

Present: Messrs. Parker, Fenwick, Stockmar, and Coors.

Absent: Mr. Bowen.

*Mr. Steinhaus attended meeting.*  
Bills against the SPECIAL APPROPRIATION, SCHOOL OF MINES TAX FUND, EXPERIMENTAL PLANT FUND, and the MILL LEVY BUILDING FUND were read, audited, and allowed, as set forth on the following pages, Nos. 2 through 16, inclusive.

*per  
correction  
Sept 13  
minutes*

## SPECIAL APPROPRIATION

## FACULTY PAYROLL

2965	Glenn K. Armstrong	281.59
2966	Joycelyn Aylor	259.48
2967	Henry A. Babcock	387.40
2968	Henry A. Babcock	101.24
2969	Peter C. Badgley	335.30
2970	Douglas W. Bainbridge	389.74
2971	James O. Ball	515.50
2972	James O. Ball	152.88
2973	Clark F. Barb	515.50
2974	Clark F. Barb	152.88
2975	Paul F. Bartunsek	419.24
2976	Victor W. Bauman	351.85
2977	Victor W. Bauman	92.73
2978	Robert A. Baxter	407.89
2979	Harold Bloom	308.05
2980	Harold A. Bohmeberg	333.15
2981	Stanley M. Borrell	100.00
2982	Fritz S. Brennecke	509.38
2983	H. Dean Burdick	432.66
2984	William V. Burger	467.06
2985	Frank R. Campbell	383.51
2986	Frederick M. Carpenter	413.37
2987	Robert H. Carpenter	471.19
2988	W. S. Case	23.40
2989	William J. Chapitis	336.42
2990	William J. Chapitis	72.00
2991	John M. Coke	451.87
2992	Bernetta Conroy	291.89
2993	George S. Cook	411.56
2994	Joseph P. Crisler	320.98
2995	James W. Darden	340.39
2996	Joseph E. Davies	376.79
2997	Chester Davis	389.93
2998	Robert B. Day	317.14
2999	Robert B. Day	87.04
3000	H. H. Dewey	99.69
3001	Thomas W. Donahue	415.27
3002	Thomas C. Doody	369.81
3003	Albert L. Dugger	46.80
3004	R. S. Dugger	38.04
3005	Walter H. Dunks	422.01
3006	Harold H. Earhart	466.83
3007	Rudy C. Epis	281.44
3008	Thomas H. Facey	143.36
3009	Edward G. Fisher	351.33
3010	Edward G. Fisher	133.17
3011	Hilbert S. Fletcher	395.97
3012	Leland S. Fox	308.05
3013	Paul J. Fritts	261.56
3014	Paul J. Fritts	80.36
3015	Hildreth Frost, Jr.	325.50
3016	Hildreth Frost, Jr.	84.14
3017	C. O. Frush	403.85
3018	John H. George	270.98
3019	Madeleine Gibbons	273.98
3020	Clare G. Gross	286.00

## SPECIAL APPROPRIATION

## FACULTY PAYROLL

3021	Niles E. Grosvenor	337.25
3022	Niles E. Grosvenor	90.18
3023	Raymond R. Gutzman	328.77
3024	Raymond R. Gutzman	129.47
3025	John W. Hancock	305.39
3026	L. W. Hartkemeier	441.58
3027	Howard L. Hartman	392.22
3028	Wilfred P. Hasbrouck	303.25
3029	Wilfred P. Hasbrouck	83.80
3030	John D. Haun	308.42
3031	John D. Haun	92.77
3032	John R. Hayes	370.88
3033	John R. Hayes	104.07
3034	Ivan L. Hebel	487.07
3035	John C. Hollister	536.36
3036	John C. Hollister	152.89
3037	Augustus S. Houghton	369.13
3038	W. Warren Howe	521.99
3039	Robert S. Hufstedler	317.40
3040	Robert S. Hufstedler	87.98
3041	Roger Hall	312.84
3042	Robert M. Hutchinson	355.93
3043	J. W. Jennings	75.60
3044	Henry L. Jicha, Jr.	324.73
3045	Donald H. Johnson	317.70
3046	George W. Johnson	383.90
3047	George W. Johnson	104.68
3048	J. Harlan Johnson	470.11
3049	William H. Journey	455.16
3050	William H. Journey	122.80
3051	Stephen P. Kanisay	306.70
3052	Paul H. Kesting	434.94
3053	T. A. Kelly	439.65
3054	T. A. Kelly	135.97
3055	Harry E. Kelsey	392.18
3056	Harry C. Kent	243.83
3057	Harry C. Kent	71.08
3058	John V. Kline	416.96
3059	Edward C. Kochler	142.45
3060	Truman H. Kuhn	720.34
3061	Michael H. Lafferty	268.59
3062	Michael H. Lafferty	100.00
3063	Winton Laubach	296.64
3064	George W. Le Maire	400.64
3065	Leslie W. Le Roy	504.11
3066	Leslie W. Le Roy	150.91
3067	V. Allan Long	484.62
3068	George B. Lucas	329.49
3069	Donald Marsh	279.54
3070	Scott J. Marshall	328.54
3071	Scott J. Marshall	88.15
3072	Warren D. Mateer	349.80
3073	Frank S. Mathews	401.81
3074	George T. Merideth	468.21
3075	James Merrin	375.14
3076	Dale Milich	280.83

June 14, 1957

SPECIAL APPROPRIATION

FACULTY PAYROLL

3077	Dale Milich	84.60
3078	John de la Montagne	330.88
3079	Fred E. Moore	248.24
3080	Gail E. Myers	397.07
3081	Carl G. Nordquist	337.07
3082	Lawrence Ogden	328.52
3083	Robert B. Osborn	375.94
3084	Robert B. Osborn	108.54
3085	Lute J. Parkinson	579.21
3086	Thomas E. Paynter	385.79
3087	R. S. Pearson	305.39
3088	Anton G. Fegis	310.11
3089	A. L. Pierce	310.01
3090	Theodore W. Pohrte	384.90
3091	H. Gordon Poole	575.36
3092	Richard J. Pratt	292.67
3093	Ronald D. Preston	397.13
3094	Ronald D. Preston	104.68
3095	Donald O. Rausch	276.94
3096	W. H. Richtsamm	472.52
3097	Paul A. Rodgers	344.85
3098	Paul A. Rodgers	104.01
3099	N. Cyril Schielts	436.56
3100	Theodore Schreiber	87.45
3101	Samuel Shaw	362.21
3102	George T. Sisson	279.43
3103	Francis E. Smiley, Jr.	359.13
3104	Charles W. Starke	337.91
3105	Charles W. Starke	122.73
3106	Gurnett Steinhauser	624.29
3107	Robert J. Taylor	311.02
3108	Lila M. Tipton	260.94
3109	Chris Tolos	333.70
3110	David W. Trexler	297.66
3111	David W. Trexler	84.93
3112	John W. Vandervilt	857.24
3113	Arthur P. Wichmann	436.45
3114	Arthur P. Wichmann	125.03
3115	Virginia Lee Wilcox	368.95
3116	Art Williams	342.32
3117	Arthur R. Williams	334.17
3118	John T. Williams	347.04
3119	Terrence J. Williams	276.50
3120	G. Duncan Winpress	542.04
3121	David Woodbridge	345.23
3122	W. Lloyd Wright	495.54

49,194.48

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL

3123	George A. Aevernen	280.84
3124	Hencie Floyd Aldridge	158.81
3125	Arthur Arvidson	172.71

June 14, 1957

## SPECIAL APPROPRIATION

## CIVIL SERVICE PAYROLL

3126	Claud A. Bacon	269.77
3127	Miriam W. Bain	199.61
3128	Thomas J. Baker	256.75
3129	William Levi Barthel	207.77
3130	Patricia Ann Beattie	197.49
3131	Dorothy Marie Bennett	175.44
3132	Avis M. Berlin	185.34
3133	Tom Bernatis	220.19
3134	Mary Lee Bethel	188.92
3135	Charles A. Billingham	250.83
3136	Janet O. Bovey	82.23
3137	Frank J. Braun	207.67
3138	W. P. Bridges	234.14
3139	Edward Brill	258.71
3140	Harold V. Brobeck	244.62
3141	Albert A. Brown	184.73
3142	Joyce C. Brown	182.34
3143	Frank Bafnak	189.59
3144	Kelly Burroughs	78.67
3145	Cedric Gene Burtlow	245.85
3146	Shirley Bussert	193.69
3147	Phyllis June Campbell	199.32
3148	Russel E. Campbell	256.21
3149	Walter B. Carver	206.44
3150	Leonard D. Casedy	293.05
3151	Paul L. Chambers	231.71
3152	Marjorie B. Cheney	194.63
3153	Ingra M. Childers	253.82
3154	Rachel L. Coleman	186.59
3155	Rex LeRoy Connor	168.77
3156	Peter Conti	185.25
3157	John Arrie Crabtree	225.01
3158	Clint B. Danley	207.67
3159	Earl Dickens	355.81
3160	Clair B. Dillon	256.72
3161	Dorothy V. Dillon	177.80
3162	Ross Harold Dillon	246.45
3163	Rivera Hinkmeyer	182.72
3164	Claude E. Dollar	200.95
3165	George W. Donahoo	243.33
3166	Ollie L. Drake	125.83
3167	Sterling L. Dryden	227.74
3168	Marjorie G. Dugger	196.47
3169	Fred D. Easley	300.08
3170	Dick Bastin	191.05
3171	Janice C. Edclissen	191.03
3172	Clarence J. Farmer	196.14
3173	Robert Anthony Flori	267.32
3174	Alfred J. Gallegos	242.83
3175	Vivian M. George	113.36
3176	Patricia N. Gilbertson	144.43
3177	J. H. Godfrey	206.94
3178	Doris Louise Graham	194.49
3179	Merle J. Graves	172.21
3180	Gerda Gregg	197.49
3181	Clyde G. Gregory	349.85

June 14, 1957

## SPECIAL APPROPRIATION

## CIVIL SERVICE PAYROLL

3182	Edwin James Harding	199.32
3183	John D. Hatfield	239.93
3184	Joseph M. Hedricks	202.58
3185	G. O. Hemberger	304.05
3186	William H. Howarter	180.15
3187	Carl Hall Hungness	248.82
3188	Hendrietta O. J. Jenson	188.92
3189	Helen Johnston	220.65
3190	Gloria Colleen King	199.32
3191	Hannette Anne Krallman	193.22
3192	Richard F. Kruger	185.23
3193	Josephine Kubesh	192.18
3194	Edward Lange	229.43
3195	William Lee	280.66
3196	Rudolph Liets	238.41
3197	Donald Ljungvall	268.14
3198	Fred Ljungvall	259.02
3199	Orville O. Loving	305.20
3200	Dean M. Mandiloff	201.53
3201	Vasil O. Mandiloff	206.44
3202	Charles Merchand	306.36
3203	Thomas Marvin	201.53
3204	Walter Mattson	271.36
3205	Adolf August Melcher	178.37
3206	Chris Mester	253.32
3207	Shirley Ann Miller	187.32
3208	Peter Mineff	195.17
3209	Onace Moore	214.37
3210	Michael Mandrea	165.72
3211	Clarence Nicholls	309.50
3212	Robert H. Obermeyer	175.15
3213	Thomas Frank O'lear	234.41
3214	Hilton F. O'Neil	296.40
3215	Consuelo A. Owens	199.46
3216	Mary M. Paddleford	218.81
3217	Ada Maurine Parsons	202.50
3218	Von E. Parsons	206.64
3219	Jesse E. Payne	250.22
3220	John R. Peres	207.67
3221	Jose M. Peres	225.50
3222	Joseph Peres, Jr.	161.85
3223	Joseph Perry	264.52
3224	Roy V. Peters	195.13
3225	John W. Pickthall	334.36
3226	Lillian Jo Ramsey	188.20
3227	John B. Ratcliff	282.10
3228	Hazel Joyce Ratliff	185.84
3229	Ruth Ann Rheans	194.21
3230	Letta Mae Rice	188.92
3231	James R. Rich	255.52
3232	Robert H. Richards	278.82
3233	Virginia L. Richards	59.78
3234	John E. Rushton	243.22
3235	Ruth N. Sackett	204.07
3236	Elisabeth P. Siefken	178.52
3237	Hert D. Simpson	66.71
3238	Albert E. Simpson	250.52

June 14, 1957



SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL

3239	Frances Simpson	187.09
3240	Minnie Simpson	65.97
3241	James Thomas Sledd	183.11
3242	James Smith	208.65
3243	Mary C. Smith	242.32
3244	Mildred Smith	203.12
3245	Robert A. Spencer	311.22
3246	Mervyl L. Steffonich	203.04
3247	Mary Ann Sterling	214.11
3248	Vincent Richard Stolpa	298.90
3249	Leslie B. Talbert	236.05
3250	John E. Terry	213.61
3251	La Verne F. Thomas	192.67
3252	Wilbur Franklin Thomas	205.73
3253	Vera M. Throewit	193.69
3254	John Tiedt	206.44
3255	Frank J. Tomasic	169.75
3256	Warren Tripp	256.23
3257	La Vern F. Underwood	184.73
3258	Ernest E. Waters	298.70
3259	William Weller	190.04
3260	Patricia R. Zyla	175.52

TOTAL CIVIL SERVICE PAYROLL

29,804.26

SPECIAL APPROPRIATION

MISCELLANEOUS PAYROLL

3261	Robert A. Armstrong	125.00
3262	William H. Bauer	111.79
3263	Albert Bodnarchuk	111.79
3264	Wanda Bradley	76.25
3265	Curtis B. Conley	125.00
3266	Russell M. Corn	122.19
3267	Philippe Coudeville	111.79
3268	Peter J. Creighton	145.49
3269	Mary Ann Cunningham	50.00
3270	Thomas O. Dando	150.00
3271	Guido del Castillo	111.79
3272	Kantilal P. Issai	111.79
3273	William Devitt, III	125.00
3274	Francis C. Holan	275.04
3275	James L. Hirs	142.45
3276	Henri Paul Freyss	152.85
3277	Frank A. Hadsell	173.65
3278	Ellis Harrington	125.00
3279	Betsy Johannes	148.90
3280	Elof Jonsson	138.13
3281	Lois Lamberson	58.75
3282	Abul M. Malick	122.19
3283	Dorothy Jane Marsh	61.17
3284	Louanna Opakar	172.54
3285	George Rowe	117.92
3286	Wills Jean Scott	59.38
3287	Edward J. Slebir	101.39

June 14, 1957

SPECIAL APPROPRIATION

MISCELLANEOUS PAYROLL

3288	Otto J. Steih	179.50
3289	Richard E. Thompson	125.00
3290	William V. Underwood	179.50
3291	Horace M. Van Horn	195.00
3292	John B. Willis	111.79
3372	Barbara Johnson	21.88
	TOTAL MISCELLANEOUS PAYROLL	1,139.91

SPECIAL APPROPRIATION

STUDENT HELP PAYROLL

3293	Theodore E. Backstrom	30.75
3294	John Beacham	21.00
3295	George C. Beals	17.25
3296	George Beattie	12.75
3297	David Bednar	8.25
3298	Homer Bresult	9.75
3299	Stanley Breshears	9.00
3300	William S. Bruce	7.13
3301	Wesley Campbell	25.50
3302	Walter Case	22.50
3303	Charles H. Cotterell	22.88
3304	Cecil I Craft, Jr.	14.25
3305	Earl Grays	16.50
3306	Richard Lewis	9.00
3307	A. J. Mickson	15.00
3308	C. B. Brennan	6.63
3309	Robert Digger	9.14
3310	George A. Dunham	22.50
3311	Bruce J. Eberhard	30.00
3312	Ethen Gilman	3.75
3313	Stanley Gine	3.00
3314	Gerald G. Grises	16.50
3315	Charles A. Heskin	10.50
3316	Warren Hildebrandt	22.50
3317	James D. Holliman	22.50
3318	Jerrald Hollowell	3.00
3319	John L. Holt	79.50
3320	Thomas Hoover	9.75
3321	R. Theodore Hurr	18.00
3322	James W. Jennings	19.50
3323	James E. Jones	1.88
3324	Roger L. Kessler	22.50
3325	Zev Kamin	14.25
3326	E. A. Krisher	6.00
3327	Duane W. Lausen	22.50
3328	L. K. Lepley	15.00
3329	Robert J. Lichkus	21.00
3330	David L. Mac Cleary	4.88
3331	Federick W. Macdonald	22.50
3332	John Maddux	29.25
3333	Ralph E. Marsh	18.00
3334	Pablo N. Martinez	3.00
3335	Tun V. Haung	24.38

SPECIAL APPROPRIATION

STUDENT HELP PAYROLL

3336	Kenneth Maxwell	4.50
3337	Paul J. Meaden	11.63
3338	G. Samuel Miller	16.50
3339	Curtis L. Miller	19.50
3340	Tom Miller	22.50
3341	James Minette	4.50
3342	James A. Nolms	8.63
3343	Ben A. Morgan, III	11.25
3344	Max D. Moskal	18.00
3345	Robert K. Oliver	22.50
3346	Paul Opeker	39.75
3347	James F. Profino	45.00
3348	Edmund J. Grszula	23.25
3349	John J. Padgett	15.00
3350	Walter L. Ferryman	6.75
3351	Bradley Pitney	17.25
3352	B. G. Randolph	22.50
3353	Ronald Rethburn	30.00
3354	Alan Reid	9.00
3355	Maung Kyi See	10.88
3356	Frederick Slover	12.00
3357	Vernon L. Stone	51.00
3358	Allan D. Stoutenger	16.50
3359	James E. Sundquist	22.50
3360	Kyung In Sung	2.25
3361	M. T. Thein	2.25
3362	Lowell I. Thomas	22.50
3363	Nafi Toksoz	13.50
3364	Donald R. Van Sandt	22.50
3365	J. W. Walton	14.63
3366	Robert E. Warren	22.50
3367	Jack Weber	7.50
3368	Lane White	18.00
3369	Francis Wolek	3.00
3370	Charles R. Wood	4.50
3371	Christian F. Wyller	21.00
3372	Barbara Johnson--Miscellaneous Payroll	

TOTAL STUDENT HELP PAYROLL

1,340.44

SCHOOL OF MINES TAX FUND

REDUCTION VOUCHERS

2071	Federal Withholding Tax	11,272.65
2072	Colorado Withholding Tax	450.88
2073	Retirement Fund--See also Voucher No. 112 Special Appropriation	919.63

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SPECIAL APPROPRIATION FUND

DEDUCTION VOUCHERS

112	Retirement Fund	3,744.55	
113	Blue Cross and Blue Shield	686.25	
114	Equitable Life Assurance Society	988.91	
115	Civil Service Insurance Account	107.11	
116	Credit Union	85.00	
117	War Bonds	<u>492.50</u>	
			103,226.57
118	State's Share of Retirement	4,581.05	
119	Equitable Life Assurance Soc.	1,010.94	
	TOTAL SCHOOL OF MINES TAX FUND & SPECIAL APPROPRIATION FUNDS		108,818.56

EXPERIMENTAL PLANT FUND

PAYROLL

53	Edwin H. Crabtree	366.32	
	TOTAL PAYROLL		366.32

EXPERIMENTAL PLANT FUND

DEDUCTION VOUCHERS

54	Federal Withholding Tax	47.40	
55	Colorado Withholding Tax	1.90	
56	Retirement Fund	21.88	
	TOTAL DEDUCTION VOUCHERS		71.18
	TOTAL EXPERIMENTAL PLANT FUND		437.50

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

2074	A. B. & K. Television Service	124.60
2075	Abbey Rents	120.00
2076	Ace-Kaufman Rubber Stamp & Seal	5.48
2077	Aces Silver Plating Company	60.90
2078	Acoustics & Specialties, Inc.	140.09
2079	Addressograph-Multigraph Corp.	156.25
2080	Ad Foto Engraving, Inc.	49.52
2081	Alther Products	42.00
2082	Ames Laboratory--Iowa State College	52.31
2083	American Linen Supply Company	231.55
2084	American Radiator & Standard Sanitary Corp.	987.72

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SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

2085	American Sanitary Products Co.	87.36
2086	American Society of Mechanical Engineers	38.80
2087	Ann Arbor Instrument Works	262.50
2088	Glenn E. Armstrong	123.57
2089	Armstrong Products Company	15.00
2090	Assoc. for Applied Solar Energy	10.00
2091	Athletic Trainers Supply Co., Inc.	95.32
2092	Autrey Brothers, Inc.	927.55
2093	Aviation Service Supply Co.	9.57
2094	Baldwin-Lima-Hamilton Corporation	212.67
2095	Paul F. Bertunek	18.40
2096	B. F. Bennet Oil Company	330.50
2097	"Sta" Bursford, Inc.	761.05
2098	Bethlehem Apparatus Co., Inc.	15.71
2099	Harold Bloom	7.84
2100	Harold A. Bohmsberg	14.70
2101	Book-of-the-Month Club, Inc.	9.03
2102	Bowers Plumbers Specialties	263.22
2103	A. G. Bowes & Son	50.00
2104	Lou Bowlds	40.00
2105	Fritz Brennecke	154.65
2106	Brooklyn Thermometer Company	19.96
2107	Charles Bruning Company, Inc.	57.22
2108	Paul L. Bryson	200.00
2109	Buckley Brothers	318.20
2110	J. B. Buckley, Inc.	527.88
2111	Builders Service Bureau, Inc.	29.06
2112	H. Sean Burdick	57.01
2113	Wm. V. Burger	27.62
2114	Frank R. Campbell	26.59
2115	The C.S. Card Iron Works Co.	2,239.40
2116	Carpenter Paper Company	168.08
2117	Robert H. Carpenter	167.33
2118	Walter S. Case, Jr.	15.00
2119	Central Electric Supply Co.	27.82
2120	Central Scientific Company	783.61
2121	The Chemical Sales Company	24.28
2122	Chicago, Burlington & Quincy Railroad Company, Jr.	67.40
2123	Mel Coffman Associates, Inc.	14.82
2124	Colorado & Southern Railway Co.	11.98
2125	Colorado Badge & Novelty Co.	127.12
2126	Colorado Central Power Company	2,997.58
2127	Colorado Dept. of Highways Planning & Research Division	26.25
2128	Colorado Military Dept.	250.00
2129	The Colorado News Company	143.70
2130	The Colorado School of Mines Alumni Association	600.00
2131	Colorado School of Mines Dining Hall	195.00
2132	Colo. Surplus Property Agency	1,375.69
2133	Colorado Transportation Co. Rocky Mountain Motor Co.	39.00
2134	Columbia Ribbon & Carbon Mfg. Co.	18.44
2135	Corcor Laboratories, Inc.	14.00

## SCHOOL OF MINES TAX FUND

## SUPPLY VOUCHERS

2136	Continental Oil Company	99.90
2137	Ben Cook Supply Company	176.00
2138	Iave Cook Sporting Goods Co., Inc.	15.90
2139	Max Cook Sporting Goods Co.	305.09
2140	H. H. Cooper Company	200.00
2141	Corbis Douglass Agency--Insurers	140.02
2142	Corpus Christi Geological Society	15.29
2143	Crane-O'Fallon Company	1,000.48
2144	C. A. Crosta, Inc.	924.43
2145	James W. Darden	58.80
2146	Lewis & Davis	334.88
2147	W. H. Lawson Sheet Metal Works	1,257.00
2148	Reffentough Lumber Company	1,628.07
2149	Denver Bookbinding Company	477.85
2150	Denver Electronic Supply Co.	157.42
2151	The Denver Fire Clay Company	1,251.85
2152	Denver Air Machinery Company	80.25
2153	Derivation & Tabulation Associates, Inc.	12.00
2154	Earl Dickens	21.77
2155	Direct System Corporation	13.10
2156	Dixon & Company	2,386.91
2157	Doll Denver Company	261.23
2158	Dorr-Oliver, Incorporated	5,057.00
2159	Duplicator Supply Co.	92.02
2160	Duro-Test Corporation	36.68
2161	Duwall-Davison Lumber Co.	179.43
2162	The Ealing Corporation	191.81
2163	H. H. Ehnart	18.48
2164	Eastman Kodak Stores, Inc.	78.96
2165	Eberbach & Son Company	19.48
2166	Eckert Mineral Research	123.50
2167	Economic Geology Publishing Co.	18.00
2168	Erst Engraving Company	173.02
2169	Electric Equipment & Engineering Company	1,299.76
2170	Electrons, Incorporated	65.15
2171	Elk Coal Company	3,708.20
2172	Encyclopaedia Britannica Films, Inc.	8.08
2173	Engineering Supply Company	42.80
2174	E-Z Way Laundry, John M. Young	297.37
2175	George E. Failing Company	201.78
2176	Ben Fennell	144.58
2177	Howard Flint Ink Company	9.07
2178	Ford Optical Company	7.18
2179	Foss Drug Company	325.18
2180	H. L. Foss, Inc.	1,045.48
2181	Frankel Carbon & Ribbon Company	74.97
2182	Ben Franklin Store	8.96
2183	Fries Instrument Division	55.62
2184	Charles O. Frush	107.28
2185	Geier & Bluba, Inc.	10.65
2186	General Binding Sales Corporation	102.37
2187	General Electric Co.--E-Boy Dept.	40.66
2188	General Electric Supply Company	104.51
2189	Geoffrey-Lane, Incorporated	86.87

June 14, 1957