

of Income and Expense, April, 1954; Prospector Park, Statement of Income and Expense, April, 1954; Trial Balance, 1953-54 Health and Accident Plan, Associated Students of the Colorado School of Mines, Inc., April 30, 1954; and Summary of Budget Receipts for Infirmary from September 10, 1953 to April 30, 1954.

Mr. Steinbauer reviewed the cash balance under "Current Funds" and a discussion followed on the possibility of investing a certain amount of this cash or depositing some in a savings account. Mr. Steinbauer was instructed to prepare a further analysis showing monthly balances and disbursements since July 1, 1953 which analysis would serve as a basis for consideration of policy regarding the cash balance by the Board at the next regular meeting.

The Board recessed for lunch at the Holland House and was joined by Mr. Vernon L. Mattson and Mr. Wilburn F. Anderson of the Research Foundation. President Vanderwilt and Mr. Steinbauer attended the luncheon.

Mr. Mattson distributed to all those present copies of "Analysis of All Funds Utilized by the Experimental Plant and the Colorado School of Mines Research Foundation, Inc., 1949-1954" prepared by the CSM Research Foundation for the CSM Board of Trustees meeting. Mr. Mattson reviewed in detail the figures presented in the analysis and recommended that the analysis of funds utilized be considered in the light of the background information covered in the first 8 pages of the analysis, there being no Page 9 because of an error.

President Vanderwilt read the resolution pertaining to the Research Foundation which was under consideration by the Board. The question as to a fair amount of annual rental was discussed. In the discussion, it was emphasized that the Board did not have in mind a rental which would add to the cost of operation of the Research Foundation, but that plant improvements, added equipment, and other benefits would more than cover the rental to be established. It was felt that the table on Page 10 of the analysis presented by Mr. Mattson covering the cost to the Colorado School of Mines of the development of the Experimental Plant and the Research Foundation and the benefits derived might well be the basis for establishing a fair rental figure. The Board requested that Mr. Mattson, with the help of Mr. Steinbauer, prepare an inventory of equipment, plant, plant additions, and plant improvement for the record.

As the discussion was concluded, Mr. Thomas expressed appreciation for the full analysis and the detailed explanation presented by Mr. Mattson of funds utilized by the Experimental Plant and the Colorado School of Mines Research Foundation from 1949 to 1954.

The meeting reconvened in the President's Office, Mr. Steinbauer attending.

The proposed resolution regarding the Colorado School of Mines Research Foundation, Inc. which was discussed earlier in the meeting and reviewed with Mr. Mattson was again discussed in the light of the analysis and information provided by Mr. Mattson. It was moved, duly seconded, and unanimously passed that the resolution be adopted as follows:

WHEREAS, Section 14 of Chapter 145 of Colorado Statutes Annotated, as amended, adopted in 1927, provides for an annual tax levy on all taxable property in the State of Colorado for the use, benefit, maintenance and support of a mining experiment station at the Colorado School of Mines; and

WHEREAS, following the adoption of the tax levy, the fund derived therefrom each year was barely sufficient, even with other funds supplied from the maintenance and operating budget of the school to staff, maintain and operate the school's experimental plant, to provide facilities for limited research and to provide for the making of assays and analyses as required by law and was not sufficient to provide any surplus for the conducting of substantial experiments in mining problems; and

WHEREAS, the Board of Trustees determined that more effective utilization of the experimental plant could be made by permitting research supported by other than state funds to be carried on with a consequent reduction of the overhead previously carried by the school itself; and

WHEREAS, to resolve the problem and to aid and encourage mining experimentation and research, the Board of Trustees actively promoted the formation of the Colorado School of Mines Research Foundation, Inc., a not-for-profit organization, which was formally chartered on January 13, 1949; and

WHEREAS, the Board of Trustees determined to permit the Research Foundation to make a partial use of the facilities and equipment of the school's experimental plant in furtherance of the objects of the Foundation at an appropriate rental; and

WHEREAS, on account of more effective utilization of the experimental plant and the decrease in costs of maintenance and operation made possible by the rental charged the Foundation, a surplus now and hereafter should exist in amount sufficient to permit a substantial reduction in the amount of funds supplied from the maintenance and operating fund of the school and, in addition, to justify an experimental and research program in behalf of the school itself;

NOW, THEREFORE, IT IS HEREBY RESOLVED that the Colorado School of Mines Research Foundation, Inc. be required to pay for its past and present use of the facilities and equipment in the school's experimental plant an annual rental of \$12,000 beginning with the first day of January, 1950. It being understood that the rental established is subject to change at any time, without notice to anyone, in the sole discretion of the Board of Trustees. The rental shall be payable at the option of the Foundation either in money or in an equivalent value of services or equipment for, or maintenance and permanent improvements of, the experimental plant based upon the actual cost of acquisition or construction. The business manager of the school is hereby directed to bring the school's account with the Foundation up to date as of December 31, 1953, and account for past rentals or its

equivalent in equipment or plant improvement at the June, 1954 meeting of the Board.

IT IS FURTHER RESOLVED that the Director of the experimental plant in his capacity as an employee of the school, shall on or before August 1, 1954, evolve and submit to the Board for its consideration an experimental and research program to be undertaken by the school at the experimental plant, which program shall be independent of any program currently or hereafter carried on by the Research Foundation for the benefit of any of its patrons or financial supporters.

In accordance with a request presented at the April meeting of the Board, Mr. Steinhauer distributed a tabulation showing gross annual salaries of teaching faculty and nonteaching faculty, yearly from 1946-47 through 1953-54.

Mr. Steinhauer reviewed the revised budget estimate as of May 14, 1954 for the year 1954-55. Mr. Stockmar asked if the estimated budget would permit a school-sponsored research program and from which items would funds have to come if the Board should wish to consider such a program. These funds, Mr. Steinhauer explained, would have to be obtained from the Maintenance and Operation or Capital Outlay items or from the Estimated Balance as of June 30, 1955. It was pointed out that the Maintenance and Operation and Capital Outlay items were materially less, as estimated for 1954-55, than for the current budget.

In anticipation of a sponsored research program by the school, it was agreed that Mr. Mattson should be requested to present proposals for a research program based on a project or projects totaling \$15,000, \$50,000, and \$75,000.

President Vanderwilt reviewed a letter of May 11, 1954 from Mr. Robert K. Fuller on erection of a proposed Unit Operations Laboratory (Pilot Plant) which building was planned and included under the building project for the new petroleum building. In his letter, Mr. Fuller advised that Mr. W. M. Williams, Director of the State Planning Commission, "voiced no objection to the procedure which was outlined for including the Unit Operations Laboratory Building under the original project set-up for the Petroleum Engineering Building and we may assume that the work can be handled under our suggested procedure," and that "since the original contractor and sub-contractors are through with their original work, that competitive bids be taken for the new building and separate contracts awarded therefor."

President Vanderwilt stated that Professor Ball, Dean Signer, and himself were in agreement that the Unit Operations Laboratory Building should be constructed as originally planned and construction during the coming summer was recommended. Thereupon the Board authorized President Vanderwilt to instruct Fuller, Fuller & Fuller to proceed in accordance with the contract covering the construction of the Petroleum Building and Pilot Plant.

Change Order No. 1, General Contract, Petroleum Building, Colorado School of Mines, Golden, Colorado, was presented for approval. This Change Order was for work completed by the

F. J. Kirchof Construction Company in total amount of \$8,881.15. It was certified as true and correct by Robert K. Fuller, Architect, under date of April 30, 1954. On motion duly seconded and unanimously passed, the Change Order was approved and the signatures of Lester C. Thomas as President of the Board and Ted P. Stockmar and Ted. P. Stockmar as Assistant Secretary of the Board of Trustees were authorized.

Mr. Steinhauer reviewed the negotiations pertaining to the proposed construction of 8 housing units at Mines Park. He listed the following estimates of cost:

General contract - Breffle and Moorman	\$106,768.00	
Water and sewer lines	4,260.00	
Site preparation	2,000.00	
Surveying	400.00	
Inspector	250.00	
Water tap charge	372.40	
Landscaping	2,000.00	
Contingencies:		
Estimated change order for foundation -	1,235.00	
Cost of backfilling -	1,400.00	
Other charges -	<u>4,865.00</u>	
		<u>7,500.00</u>
		\$123,550.40

The cost estimates were discussed and reviewed. In connection with the estimated cost of installation of a gas line to the project, Mr. Thomas offered to get in touch with Mr. John E. Loiseau, President of the Public Service Company in Denver, and attempt to obtain information as to cost of installation of gas lines by the company.

It was mutually agreed that it would be desirable to issue bonds to protect the Guggenheim Fund and that an experienced bond attorney be employed to take care of the necessary details. Mr. Steinhauer was authorized to get in touch with Mr. Nyles Tallmadge to work out an arrangement for his services.

The following resolution was unanimously adopted:

WHEREAS, the Colorado School of Mines has existing faculty housing units in its Mines Park project and it has been determined that eight additional units are necessary to adequately house the faculty of the school; and

WHEREAS, the Trustees of the bequest made in the will of Simon Guggenheim for the use and benefit of the Colorado School of Mines have agreed to advance to the Colorado School of Mines up to \$123,550.40 toward the construction of such additional housing units; and

WHEREAS, the Board of Trustees of the school has agreed with the Trustees of the bequest under the Guggenheim will to repay so much of said \$123,550.40 as is advanced for housing purposes, with interest, out of the net revenues of the entire Mines Park project, subject to outstanding indebtedness thereon;

NOW, THEREFORE, it is hereby resolved by the Board of Trustees of the Colorado School of Mines that such advance of up to \$123,550.00 shall be held and used by them only for the construction of such additional housing in trust, however, for the Trustees of said Guggenheim fund, and further resolve that the amount so advanced shall be repaid to the Trustees of the Guggenheim fund, together with interest at the rate of four per cent (4%) per annum on the unpaid balance, out of the net revenues accruing from the renting of the additional housing units to be constructed and beginning with the time when existing indebtedness on the existing housing units is retired, also out of the net revenues from such existing units.

IT IS FURTHER RESOLVED, that to provide more concrete evidence of the obligation of the school to the Trustees of the Guggenheim fund, the President of the school is authorized and instructed to proceed with the issuance of four per cent (4%) bonds in denominations of \$1,000.00 to be secured only by the undertaking of the Board of Trustees of the school to rent and maintain all of the housing units in the Mines Park project and to pledge the net revenues therefrom (after the retirement of existing bonds) to the reduction of the bonded indebtedness to the Trustees of the Guggenheim fund at as rapid a rate as is consistent with good management of the Mines Park project.

The proposed contract with Breffel and Moorman was reviewed and discussed. Mr. Steinhauer stated that the contract had been carefully examined by him with the help of Mr. Jassic and Mr. Barhart and that it seemed to be in good order. It was moved, duly seconded, and unanimously passed that Mr. Thomas, as President of the Board, be authorized to sign the contract, said contract dated May 3, 1954, in total amount of \$106,768.00.

It was further moved, duly seconded, and unanimously passed that President Vandervilt be authorized to proceed with arrangements for site preparations, utilities, surveying, landscaping, and other work necessary for the proposed new housing at Mines Park covered in the contract with Breffel and Moorman.

President Vandervilt distributed two pages of vital statistics of the graduating class of 1954 for the interest and information of the members of the Board.

Mr. Bowen left the meeting at 3:20 p.m.

The summer operation of the Dining Hall was discussed. It was mutually agreed that the Dining Hall should be operated during the summer months as in the past.

The program for the dedication of Alderson Hall scheduled for May 24, 1954 was reviewed.

President Vandervilt read and commented on a recommendation by Dr. Truman H. Kuhn, Dean of the Graduate School, on the establishment of a Graduate Faculty to be charged with certain duties and responsibilities covering graduate work at the school. The Graduate Faculty would include those members of the regular faculty who participate in the graduate program, however, members of the Graduate Faculty would continue as members of the regular faculty. After a full discussion,

it was mutually agreed to appoint a Graduate Faculty which would be responsible for providing graduate instruction as is provided for in like colleges and technical schools of high grade and national standing and which would recommend to the Board each candidate who is properly qualified for a diploma for the advanced degree. The Board suggested to President Vanderwilt that he prepare for the consideration of the Board a list of qualified persons he wished to recommend for appointment as members of the Graduate Faculty for the 1954-55 school year.

Dr. Parker reviewed a letter dated May 6, 1954 which he had received from Mr. R. C. (Chuck) Earlougher on the general subject of ECPD accreditation and curricula at the Colorado School of Mines. He referred to a similar inquiry which had been received earlier in the year by Mr. Russell N. Volk from Mr. M. E. Chapman. Mr. Volk, after conferring with Messrs. Parker and Stockmar, had replied to Mr. Chapman's inquiry with a copy going to President Vanderwilt which was then read for the information of the Board. It was mutually agreed that the interest shown on behalf of the alumni was commendable and that every effort should be made to provide the information desired. President Vanderwilt then outlined the studies of the curricula being made by the Curriculum Committee and Dean Signer. President Vanderwilt explained that a summary statement was being prepared to show (1) factual information on the changes in the curricula over the past 15 to 20 years, and (2) possible revisions that were under consideration for the school year 1955-56. It was planned to send the summary statement to alumni such as Earlougher and Chapman who had made or might make inquiries. Dr. Parker stated that he would make further acknowledgment to Mr. Earlougher advising him that his letter had been reviewed before the Board of Trustees. It was mutually agreed that the summary statement referred to by President Vanderwilt should be prepared as soon as possible and copies be made available for distribution.

Mr. Wispress entered the meeting to give a brief review of his conference with Mr. Thomas A. Genser in Chicago on May 6, 1954. Mr. Wispress explained that Mr. Genser did not have a set program, but his general procedure was to meet for discussion with the Board of Trustees, the faculty, and possibly alumni, before deciding on a plan best suited for the school. In the final analysis, the program to be followed was dependent upon what the school wished to undertake. Mr. Genser estimated that an adequate program could be carried on at an annual cost of around \$15,000 to \$20,000. The members of the Board were unanimous in their feeling that a fund-raising program on a long-range basis should be initiated and it was moved, duly seconded, and unanimously passed that the Colorado School of Mines Foundation, Inc. be advised that the Board of Trustees of the Colorado School of Mines favored the initiation of a fund-raising program and that it would cooperate in every way with the Colorado School of Mines Foundation, Inc. should it decide to employ the firm, Genser and Gerber, as consultants in connection with a fund-raising program.

It was mutually agreed that a survey of administrative procedures by an outside firm was not feasible at this time.

President Vanderwilt announced the meeting of the "Mines" Alumni Council at 6:00 p.m., Wednesday, May 19, at the Argonaut Hotel and that each member of the Board of Trustees would receive an invitation to attend this meeting. The meeting was arranged

by Mr. William Traver, President of the Colorado School of Mines Alumni Association, and he expected about 20 representatives of the Alumni Association and the school to attend.

The meeting adjourned at 5:20 p.m.

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Assistant Secretary

Golden, Colorado  
June 11, 1954

The Board of Trustees met in regular session on June 11, 1954, at 9:00 a.m., in the President's Office, Colorado School of Mines, Golden, Colorado.

Present: Messrs. Thomas and Parker.

Absent: Messrs. Bowen, Stockmar, and Harrison.

Mr. Lester C. Thomas, President of the Board, presided.

Dr. Vanderwilt, President of the school, attended the meeting.

In the absence of a quorum, action was taken only on those items which required immediate attention with the understanding that confirmation of the action would be sought at a subsequent meeting of the Board when a quorum was present.

Bills against the SPECIAL APPROPRIATION FUND, COLORADO SCHOOL OF MINES TAX FUND, EXPERIMENTAL PLANT FUND, SPECIAL BUILDING FUND, MILL LEVY BUILDING FUND, AND ATHLETIC ASSOCIATION FUND were read, audited, and allowed as follows:

SPECIAL APPROPRIATION FUND

FACULTY PAYROLL

915	Paul H. Anderson	293.58
916	Henry A. Babcock	338.65
917	James O. Ball	467.51
918	Clark F. Barb	467.51
919	Paul F. Bartunek	337.31
920	George T. Bator	397.52
921	Robert L. Baugh	298.34
922	Victor W. Bauman	315.10
923	Robert A. Baxter	351.47
924	Richard P. Bobco	239.61
925	Harold A. Bohneberg	257.51
926	Keith E. Bowen	293.44
927	Fritz S. Erennecke	431.40
928	Arnold S. Hunte	340.04
929	H. Dean Burdick	362.47
930	William V. Burger	387.75
931	Frank R. Campbell	309.54
932	Frederick M. Carpenter	348.42



## SPECIAL APPROPRIATION FUND

## FACULTY PAYROLL

933	Robert H. Carpenter	365.95
934	William J. Chapitis	299.35
935	John M. Coke	368.85
936	William A. Colburn	245.53
937	Bernetta Conrey	242.48
938	George S. Cook	352.01
939	Joseph E. Davies	354.51
940	James K. Dawson	265.67
941	Raymond R. Dickison	374.98
942	John R. Douglass	258.51
943	Walter H. Dunke	352.25
944	Edward G. Fisher	306.26
945	Delton D. Flanders	404.18
946	Hilbert E. Fletcher	339.44
947	Albert L. Gosman	285.16
948	Gerald E. Gould	170.00
949	Niles E. Grosvenor	291.30
950	Leonard B. Gulbransen	331.47
951	Raymond R. Gutzman	295.61
952	L. W. Hartkemeier	385.84
953	Wilfred P. Hasbrouck	275.32
954	John R. Hayes	290.45
955	Ivan L. Hebel	407.82
956	K. S. Herness	275.42
957	John C. Hollister	481.54
958	W. Warren Howe	382.27
959	Robert S. Hufstedler	268.74
960	E. B. Jacobs	317.55
961	Mirko Jancic	327.32
962	George W. Johnson	320.79
963	J. Harlan Johnson	366.02
964	William H. Journey	403.84
965	Stephen P. Kanizay	251.77
966	John M. Karamigios	231.09
967	Paul H. Keating	311.54
968	Albert M. Keenan	385.96
969	E. A. Kehn	158.57
970	T. A. Kelly	364.74
971	Harry E. Kelsey	328.42
972	Truman H. Kuhn	471.08
973	Winton Laubach	245.00
974	George W. LeMaire	337.02
975	Leslie W. LeRoy	441.80
976	William S. Levings	298.04
977	V. Allan Long	401.57
978	Hershiel D. McGraw	288.41
979	Warren J. Mason	281.05
980	Donald F. Mealy	254.49
981	Charles E. Melbye	238.85
982	George T. Merideth	388.08
983	Dale W. Millich	257.99
984	John de la Montagne	262.10
985	Charles S. Morris	257.96
986	Gail E. Myers	335.76
987	R. Thomas Myers	288.18
988	Roger R. Nelson	252.10
989	Carl G. Nordquist	299.01

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SPECIAL APPROPRIATION FUND

FACULTY PAYROLL

990	Lawrence Ogden	261.07
991	Robert B. Osborn	358.42
992	Ben H. Parker, Jr.	244.29
993	Lute J. Parkinson	436.60
994	Thomas E. Paynter	353.04
995	A. L. Pierce	267.65
996	Ronald D. Preston	359.16
997	William M. Richtmann	412.24
998	Paul A. Rodgers	284.20
999	Frederick K. Sabott	282.00
1000	Theodore Schreiber	84.50
1001	Harlan E. Short	179.35

TOTAL SPECIAL APPROPRIATION FACULTY PAYROLL

27,796.70

COLORADO SCHOOL OF MINES TAX FUND

FACULTY PAYROLL (CONT.)

549	Harlan E. Short	191.19
550	Merton I. Siger	533.63
551	George T. Sisson	229.89
552	Francis H. Smiley	295.78
553	Morton C. Smith	400.26
554	Sigmund L. Smith	312.91
555	Charles W. Starks	304.31
556	Gurnett Steinhauer	518.91
557	Eugene J. Taylor	239.00
558	Russell B. Travis	303.39
559	John W. Vanderwilt	686.21
560	Leon S. Ward	429.36
561	Herbert D. Waterman	109.23
562	Pauline K. Whalen	228.06
563	Arthur P. Wichmann	415.10
564	Virginia Lee Wilcox	252.09
565	Art Williams	295.22
566	G. Duncan Wimpress	468.41

TOTAL CSM TAX FUND FACULTY PAYROLL

6,212.95

GRAND TOTAL FACULTY PAYROLL

34,009.65

COLORADO SCHOOL OF MINES TAX FUND

CIVIL SERVICE PAYROLL

567	Claud A. Bacon	214.50
568	Miriam W. Bain	178.45
569	Tom Bernatis	180.60
570	Charles A. Billingham	212.10
571	Mary Acers Bliss	163.78
572	Rose Marie Bolender	206.10
573	Frank J. Braun	174.80
574	W. F. Bridges	199.20
575	Edward Brill	217.55

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COLORADO SCHOOL OF MINES TAX FUND

CIVIL SERVICE PAYROLL

576	Harold V. Brobeck	228.25
577	Frank Bufnak	154.15
578	Shirley Bussert	163.60
579	Russell Campbell	205.55
580	Walter B. Carver	176.45
581	Leonard D. Casedy	217.55
582	Paul L. Chambers	188.10
583	Clara C. Champion	171.05
584	Willa Jean Charon	187.25
585	Engra M. Childers	209.80
586	Peter Conti	190.00
587	James L. Cooper	193.85
588	John Arrie Crabtree	196.15
589	Vernon L. Crow	154.95
590	Mary Ann Cunningham	165.90
591	Clint E. Dunley	170.20
592	Earl Dickens	303.70
593	Ross Harold Dillon	203.20
594	Elvera Dinsmeyer	162.80
595	Claude E. Dollar	154.95
596	Ollie L. Drake	63.90
597	Sterling L. Dryden	202.35
598	Marjorie G. Dugger	158.70
599	Fred D. Easley	256.55
600	Dick Eastin	164.95
601	Audrey Eddleman	194.80
602	Ethel Kromsich Ellis	113.46
603	Clarence J. Farmer	168.45
604	Mary Lou Fitch	184.80
605	Howard H. Fowler	302.75
606	Alfred J. Gallegos	184.15
607	Beverly I. Gardner	183.60
608	J. H. Godfrey	168.45
609	Clyde G. Gregory	293.30
610	Patricia Guild	184.80
611	Joseph M. Hedricks	163.60
612	C. G. Hemberger	260.65
613	Mary Lou Hildebrand	110.22
614	George M. Hogue	162.40
615	Carl Hall Hungness	234.00
616	William Robert Johnson	187.47
617	Helen Johnston	193.40
618	Elof Jonsson	154.15
619	Harold H. King	186.15
620	John D. Knopf	237.80
621	William Koker	88.52
622	Josephine Kubesh	161.70
623	Edward Lange	205.85
624	William Lee	225.60
625	Gladys Lewis	148.44
626	Lee J. Lewis	164.15
627	Rudolph Lietz	205.20
628	Sheila M. Light	164.80
629	Donald Ljungvall	222.70
630	Orville O. Loving	262.95
631	Dugan S. J. Magechon	248.94
632	Vasil G. Mandiloff	183.85

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COLORADO SCHOOL OF MINES TAX FUND

CIVIL SERVICE PAYROLL

633	Charles Marchand	256.70
634	Thomas Marvin	164.00
635	Walter Mattson	246.70
636	O. F. Naughtan	244.40
637	Chris Mester	217.70
638	Peter Mineff	171.85
639	Onace Moore	174.80
640	Flore Morosan	171.85
641	Lois H. Mulryan	162.30
642	Marvyl I. Neal	158.03
643	Edwin W. Newbury	164.70
644	Clarence Nicholls	257.60
645	Thomas Frank O'Lear	230.61
646	M. F. O'Neil	246.90
647	Consuelo Owens	157.95
648	Mary M. Paddleford	216.15
649	John D. Palmer	161.30
650	Ada Maurine Parsons	163.60
651	Jesse E. Payne	219.10
652	John R. Perez	170.20
653	Jose M. Perez	181.10
654-	Joseph Perry	222.10
655	John W. Pickthall	278.95
656	John B. Ratcliff	236.00
657	Ruth Ann Rheans	180.02
658	Leila L. Rhoades	153.60
659	James R. Rich	221.50
660	Robert H. Richards	254.40
661	Ruth N. Sackett	173.65
662	Sally Service	180.00
663	Albert E. Simpson	207.90
664	James Smith	256.65
665	Mary C. Smith	198.70
666	Robert Spencer	252.10
667	Mary Ann Sterling	174.15
668	Leslie B. Talbert	203.90
669	La Verne F. Thomas	98.15
670	Vera M. Threewit	163.60
671	John Tiedt	168.45
672	Warren Tripp	196.15
673	Katherine L. Valore	174.15
674	Loren Wason	160.60
675	Janet Waterman	184.80
676	Ernest E. Waters	266.50
677	Janice Weber	158.78
678	William Weiler	168.45
679	Ronald A. Williams	154.15

TOTAL CIVIL SERVICE PAYROLL

21,767.02

COLORADO SCHOOL OF MINES TAX FUND

MISCELLANEOUS PAYROLL

680	Vincent Ames	100.20
681	O. P. Arora	100.20

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COLORADO SCHOOL OF MINES TAX FUND

MISCELLANEOUS PAYROLL

682	Mohammad Bashir	100.20
683	Edwin F. Birdsall	110.00
684	Emanuel Bombolakis	100.20
685	Eugene Catalano	250.00
686	Peter H. O. Cooper	110.00
687	Harold H. Farhart	367.00
688	Hildreth Frost	110.00
689	Joachim Hans Heinicke	110.00
690	David C. Johnson	100.20
691	Edward C. Keebler	153.70
692	Siegfried Maske	100.20
693	S. K. Paul	100.20
694	George Rowe	118.00
695	Bert J. Shelton	100.20
696	Minnie Simpson	65.05
697	Vivian Steer	14.76
698	Lila M. Tipton	153.60
699	Dean Wadsworth	100.20

TOTAL MISCELLANEOUS PAYROLL

2,463.91

COLORADO SCHOOL OF MINES TAX FUND

STUDENT HELP PAYROLL

700	Prem Advani	13.13
701	Ram C. Advani	22.50
702	Frank Akiyama	58.50
703	Z. N. Araghi	21.75
704	Muhammad Azhar	14.25
705	Charles Baroch	9.75
706	Louis M. Bonnefond	20.63
707	Richard F. Bowers	24.00
708	Ron Briggs	21.00
709	Winnie Burnham	11.81
710	Lalit K. Chandhok	15.00
711	Leon Cherek, Jr.	15.00
712	H. P. Contractor	12.00
713	Melville J. Coolbaugh	9.38
714	Willard T. Danker	9.00
715	K. P. Desai	45.00
716	P. M. Deshpande	21.00
717	Lewis J. Effenberger	9.75
718	Harry Ellis	18.75
719	Hank Emery	25.50
720	Roy L. Essary	22.50
721	Austin Fehr	22.50
722	Arthur Philip Foster	5.25
723	Stanley Gima	52.13
724	Willard L. Goodwin	22.50
725	E. J. Graeber	35.25
726	Gerald R. Grow	8.63
727	Lewis L. House	24.00
728	Carter B. Kelly	12.00
729	Herb Krueger	9.00
730	John T. Kuzara	42.00

June 11, 1954

COLORADO SCHOOL OF MINES TAX FUND

STUDENT HELP PAYROLL

731	M. L. Little	8.25	
732	Wilson Little	41.25	
733	Alain Lipton	21.38	
734	Chester Love	10.50	
735	C. C. Lyford	30.00	
736	Don W. McCaig, Jr.	22.50	
737	Sam McClaren	22.50	
738	Dave McClure	24.75	
739	Y. H. Makonnen	21.75	
740	Albert Matthies	22.50	
741	M. T. Maung	22.50	
742	Pritam Mehta	2.25	
743	Albert S. Melilli	22.50	
744	Robert A. Metz	25.50	
745	James D. Mulryan	4.88	
746	Jim Neal	22.50	
747	John Newton	23.25	
748	Alan Osborne	22.50	
749	Robert Pinkerton	15.00	
750	Philip A. Preble	15.00	
751	Yousuf H. Rahman	26.25	
752	Charles Russell	11.25	
753	Thomas A. Self	18.75	
754	J. L. Shutek	21.38	
755	J. F. Simons	22.50	
756	R. L. Stallings	24.75	
757	Jack Tindall	22.50	
758	Lawrence C. Tisdell	10.50	
759	W. W. Tyler	4.50	
760	Kenneth A. Wagner	21.00	
761	James A. Wells	27.00	
762	Abdul C. Zakimi	22.50	
TOTAL STUDENT HELP PAYROLL			1,287.60

COLORADO SCHOOL OF MINES TAX FUND

1811	Withholding Tax	6,940.94	
1812	Retirement	3,286.25	
1813	Blue Cross	1,103.55	
1814	Insurance	74.27	
1815	War Bonds	417.50	
1816	State's Share of Retirement	3,343.45	71,350.69
TOTAL PAYROLL			74,694.14

EXPERIMENTAL PLANT FUND

CIVIL SERVICE PAYROLL

83	Clair E. Dillon	213.20
84	Samuel Gamble	76.90
85	Edwin J. Harding	244.83
86	Fred Ljungvall	216.00
87	Jay M. O'Donnell	149.40

June 11, 1954

EXPERIMENTAL PLANT FUND

CIVIL SERVICE PAYROLL

88 John Reece 218.09

EXPERIMENTAL PLANT FUND

MISCELLANEOUS PAYROLL

89 Thomas Don Andrews 334.20  
 90 Paul W. Harrell 188.30  
 91 Vernon L. Mattson 352.04

TOTAL EXPERIMENTAL PLANT PAYROLL 1,992.96

EXPERIMENTAL PLANT FUND

42 Withholding Tax 237.90  
 43 Retirement 82.26  
 44 Blue Cross 41.90

GRAND TOTAL EXPERIMENTAL PLANT FUND 2,355.02

COLORADO SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1817 Abrams Instrument Corporation 31.50  
 1818 Ace-Kauffman Rubber Stamp and Seal Company 3.74  
 1819 Albi Brothers Coal Company 1,259.04  
 1820 American Anthropological Association 9.00  
 1821 American-Marsh Pumps, Incorporated 32.60  
 1822 American School Supply Company 64.40  
 1823 American Society of Mechanical Engineers 31.50  
 1824 American Radiator and Standard Sanitary Corporation 15.60  
 1825 Armstrong Caster Company 188.36  
 1826 Autrey Brothers, Incorporated 32.00  
 1827 B and C Pest Control Service 18.00  
 1828 Clark F. Barb 39.78  
 1829 Thomas J. Barbre, Motion Picture Productions 351.51  
 1830 Barron's National Business and Financial Weekly 15.00  
 1831 Paul F. Bartunek 11.00  
 1832 Victor W. Bauman 31.64  
 1833 A. O. Benjamin 164.25  
 1834 B. F. Bennet Oil Company 250.40  
 1835 Keith E. Bowen 10.64  
 1836 R. R. Bowker 7.00  
 1837 Fritz Brennecke 131.43  
 1838 J. D. Buckley, Incorporated 1,153.15  
 1839 Builders Service Bureau, Incorporated 48.00  
 1840 H. Dean Burdick 10.89  
 1841 William V. Burger 105.91  
 1842 John C. Burt Insurance Agency 153.13  
 1843 Canadian Institute of Mining and Metallurgy 6.00  
 1844 Capitol Office Supply Company 34.80  
 1845 Cardwell Blue Print and Supply Company 381.70  
 1846 F. M. Carpenter and Winton Laubach 18.20

June 11, 1954

COLORADO SCHOOL OF MINES TAX FUND.

SUPPLY VOUCHERS

1817	Robert H. Carpenter	115.08
1818	Carson Brothers	134.97
1819	Carson Hotel Supply Division	29.24
1850	Central Electric Supply Company	562.95
1851	Central Scientific Company	312.75
1852	Century Geophysical Corporation	30.48
1853	Cervi's Rocky Mountain Journal	22.00
1854	Church and Company	235.10
1855	City of Golden	36.40
1856	Clear Creek Transportation Company	8.15
1857	Cocks-Clark Engraving Company	287.86
1858	Colorado Central Power Company	3,063.24
1859	Colorado and Southern Railway Company	30.26
1860	Colorado Blue Print and Supply Company	9.16
1861	Colorado School of Mines Alumni Association	960.00
1862	Colorado School of Mines Dining Hall	237.63
1863	Colorado School of Mines Research Foundation	786.70
1864	Colorado Transcript	93.55
1865	Comptoir Central d'Histoire Naturelle N. Boubee	92.00
1866	Continental Oil Company	23.25
1867	George S. Cook	11.20
1868	Craig-Frederick Chevrolet Company	34.95
1869	Crane-O'Fallon Company	93.88
1870	Curnow Transportation	6.00
1871	Cushman Foundation for Foraminiferal Research	5.00
1872	Dale Deane's Home Movie Sales Agency	36.97
1873	Joseph E. Davies	30.74
1874	Davis and Davis	19.97
1875	Deffenbaugh Lumber Company	12.77
1876	Denver and Rio Grande Western Railroad Company	63.18
1877	Denver Blue Print Company	231.00
1878	Denver Bookbinding Company	119.76
1879	Denver Catering Company	86.00
1880	Denver Equipment Company	4.07
1881	Denver Fire Clay Company	379.95
1882	Denver Foto Shop	6.35
1883	Denver Steel Products Company	9,731.52
1884	Denver Towel Supply Company	152.81
1885	Denver Union Bus Depot	3,152.20
1886	Earl Dickens	18.27
1887	Raymond R. Dickison	54.29
1888	Clair E. Dillon	15.00
1889	Direct Image Aluminum Plate and Supply Company	9.40
1890	Domestic Laundry, Incorporated	123.00
1891	Dow Corning Corporation	20.50
1892	Walter H. Dunke	129.80
1893	Dunbar Register	22.00
1894	Duvall-Davison Lumber Company	102.42
1895	Editor and Publisher	5.50
1896	Educational and Institutional Cooperative Service	321.56
1897	Europa Publications Limited	20.00
1898	E-Z Way Laundry	103.50
1899	Fair Store	7.30
1900	Federal Envelope Company	220.32
1901	Florman Manufacturing Company	19.89

June 11, 1954



COLORADO SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1902	Foss Drug Company	952.71
1903	M. L. Foss, Incorporated	194.36
1904	Frankel Carbon and Ribbon Company	18.00
1905	Gardner-Denver Company	137.80
1906	Gaylord Brothers, Incorporated	92.00
1907	General Biological Supply House, Incorporated	30.55
1908	Void	--
1909	General Electric Company	34.88
1910	General Electric Supply Company	1,832.53
1911	Georgetown Lumber and Timber Company	167.54
1912	Golden Press, Incorporated	35.00
1913	Goldsmith Brothers	25.91
1914	Goodyear Tire and Rubber Company, Incorporated	77.30
1915	Albert L. Gosman	11.00
1916	Graham Paper Company	864.55
1917	Richard Grenfell, Denver Post Agent	18.00
1918	Grimes Pipe and Supply Company	91.98
1919	Niles E. Grosvenor	184.39
1920	L. B. Gulbransen	88.00
1921	E. Mitchell Gurnell	286.00
1922	Charles E. Hadley	8.20
1923	Hallack and Howard Lumber Company	15.94
1924	Handy and Harman	1,952.58
1925	Harry Hansen, Incorporated	28.00
1926	Hassco, Incorporated	61.75
1927	Hendrie and Bolthoff Company	42.86
1928	A. B. Hirschfeld Press, Incorporated	9.50
1929	Sam L. Huddleston	185.30
1930	Illinois Testing Laboratories, Incorporated	179.83
1931	International Business Machines Corporation	24.10
1932	Inter-State Radio and Supply Company	52.82
1933	Mirko Jancic	12.32
1934	J. Harlan Johnson	85.54
1935	John Karamigios	33.88
1936	K. C. Construction Supply Company	353.00
1937	Kehl and Brune, Typecrafters	25.50
1938	Kellogg's Hardware, Incorporated	30.83
1939	Harry E. Kelsey	1.82
1940	Kendrick-Bellamy Company	584.30
1941	D. L. Kinnaman	281.25
1942	W. H. Kistler Stationery Company	511.39
1943	Kohler-McLister Paint Company	775.21
1944	Charles E. Lambert	1,265.00
1945	Landes, Zachary and Peterson	23.00
1946	Lange, Maxwell and Springer Limited	18.45
1947	Leeds, and Northrup Company	1,498.09
1948	George W. LeMaire	134.10
1949	Lowe and Campbell, Athletic Goods	134.40
1950	H. D. McGraw	71.97
1951	McGraw-Hill Book Company, Incorporated	29.32
1952	James D. McLean, Jr.	5.00
1953	McMillon Construction Company	2,882.08
1954	Marchant Calculators, Incorporated	17.55
1955	Warren J. Mason	16.80
1956	David Mathies, Press Photographer	15.00

June 11, 1954

## COLORADO SCHOOL OF MINES TAX FUND

## SUPPLY VOUCHERS

1957	Merritt's Golden Tire Shop	14.50
1958	Midwest Conference	5.00
1959	Midwest Saw Filing and Grinding Works	18.70
1960	Mine Safety Appliances Company	9.00
1961	Mine and Smelter Supply Company	4,087.61
1962	Mines Supply Company	49.54
1963	John de la Montagne	6.30
1964	Charles S. Morris	18.20
1965	Motor Car Pool (Revolving Fund)	675.42
1966	Mount Vernon Country Club	171.50
1967	Mountain and Plain Paint Company	64.81
1968	Mountain States Telephone and Telegraph Co.	1,084.99
1969	Gail E. Myers	12.74
1970	National Carbon Company	.61
1971	Official Steamship and Airways Guide	11.00
1972	O'Neil-Irwin Manufacturing Company	350.00
1973	Overland Greyhound Lines	989.00
1974	Pacific Museum	46.25
1975	Paul Parker	6.00
1976	L. J. Parkinson	129.19
1977	Paxton Lumber Company	365.83
1978	Jesse E. Payne	5.00
1979	Peerless Printing Company	7,938.80
1980	Petroleum Press Service	10.65
1981	Petroleum Publishers, Incorporated	10.00
1982	John Pickthall	43.91
1983	Pittsburgh Plate Glass Company	56.19
1984	Plywood Denver, Incorporated	593.92
1985	Poindexter Electric Company	73.14
1986	Prefabricators, Incorporated	148.00
1987	S. W. Pressey and Son	368.40
1988	Public Service Company of Colorado	536.31
1989	Reliance Gauge Column Company	16.17
1990	Colorado School of Mines Revolving Fund	461.11
1991	W. M. Richtmann	63.31
1992	J. F. Riggs Publishing Company	74.90
1993	Rio Grande Company	38.73
1994	David C. Roberts	30.00
1995	Robson Lumber Company	138.08
1996	Rocky Mountain Bank Note Company	273.06
1997	Rocky Mountain Faculty Athletic Conference	40.00
1998	Scientific Supply Company, Incorporated	96.25
1999	Scott, Foreman and Company	5.05
2000	Seneca Paint Company	57.00
2001	M. I. Signer	86.95
2002	Silver King of Colorado	21.57
2003	Standard Oil Company	69.87
2004	Stechert-Hafner, Incorporated	149.15
2005	Gurnett Steinhauer	61.04
2006	Strawn's Stationery	2,026.07
2007	Swena Transfer and Express	100.97
2008	The Texas Company	9.72
2009	Time, Incorporated	18.00
2010	Russell B. Travis	103.80

June 11, 1954

COLORADO SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

2011	Trend, Incorporated; Publishers	5.00
2012	Underwood Corporation	113.97
2013	Union Gas and Equipment Corporation	260.10
2014	Union Library Association	16.60
2015	Union Supply Company, Incorporated	39.00
2016	United Air Lines, Incorporated	65.10
2017	U. S. Department of the Interior, Geological Survey	13.50
2018	United States Welding Works, Incorporated	56.54
2019	Vilan Company	11.00
2020	Rudolf Von Huene	62.00
2021	L. B. Walker Radio Company	9.96
2022	Wards Natural Science Establishment, Incorporated	51.23
2023	Waterman and Company	12.11
2024	Western Machinery Company	104.00
2025	W. W. Wilmore Nurseries	57.00
2026	G. Duncan Wimpess	125.58
2027	Wogrin Westcott Studios	10.50
2028	XL Directory Service	12.73
	TOTAL SUPPLY VOUCHERS	66,739.64

SPECIAL BUILDING FUND

134	Bell Plumbing and Heating Company	3,306.37
135	F. J. Kirchhof Construction Company	11,043.15
136	Mutual Furniture and Fixture Company	119.80
137	Sachs-Lawlor	610.00
138	Sturgeon Electric Company, Incorporated	4,982.56
	TOTAL SPECIAL BUILDING FUND VOUCHERS	20,091.88

MILL LEVY BUILDING FUND

229	Head and Mount Construction Company	50,509.00
	TOTAL MILL LEVY BUILDING FUND VOUCHERS	50,509.00

ATHLETIC ASSOCIATION FUND

1663	Artline Flowers & Gifts	2.04
1664	Athletic Revolving Fund	581.88
1665	Autrey Brothers, Inc.	4.64
1666	Harold Brobeck	5.00
1667	Colorado Transcript	30.70
1668	Denver Tennis & Ski Shop	55.80
1669	Golden Mill & Elevator	9.75
1670	Gougar & Todd Sporting Goods Company	141.30
1671	Interstate Motor Lines	4.26
1672	Josten's	34.70
1673	Art Malanti, Inc.	48.51
1674	Meyer Hardware & Sporting Goods	.62
1675	Pick Photograph & Blue Print Co.	9.10
1676	Wendell G. Plumber	15.50
1677	Singer Sewing Machine Company	1.68
1678	H. L. Whiting Company	47.90
1679	W. Lloyd Wright, M.D.	17.00
	TOTAL ATHLETIC ASSOCIATION FUND	1,010.38

Mr. Steinhauer entered the meeting and presented the monthly statements as follows: Summary of Budget Appropriation and Disbursements, as of May 31, 1954; Mill Levy Building Fund Statement as of May 31, 1954; Special Building Fund Statement as of May 31, 1954; Dining Hall Statement for period from April 26 through May 27, 1954; Statement of Income and Expense, Canteen, period April 27 through May 26, 1954; Statement of Income and Expense, Mines Park, May, 1954; Statement of Income and Expense, Prospector Park, May, 1954; Balance Sheet, May 31, 1954; Trial Balance, 1953-54 Health and Accident Plan, Associated Students of the Colorado School of Mines, Incorporated; Summary of Budget Receipts for Infirmary for period September 10, 1953 - May 28, 1954; Statement, Bradford Hall Dormitory as of May 31, 1954; Mines Park Addition Fund, May 31, 1954; and Summary of Estimated Budget Appropriation and Disbursements for 1954-55.

Consideration was given to an honorarium to be presented to Dr. Arthur S. Adams for delivering the Commencement address. It was agreed that an honorarium in the amount of \$225 should be paid to Dr. Adams from the school funds.

A statement of monthly cash balances of restricted funds for the period June 30, 1953 to May 31, 1954 was presented and discussed. It was mutually agreed that the record indicated that the balances were sufficient to permit placing an amount of \$10,000 at interest. Depositories suggested were Midland Federal Savings and Loan Association and the Industrial Federal Savings in Denver, Colorado.

President Vanderwilt reviewed the schedule suggested by Mr. Robert K. Fuller for construction of the Pilot Plant (Unit Operations Building) as follows: preparation of specifications to be completed by August 1, 1954; invitations to bidders, etc., 30 days with initiation of construction on September 1, 1954 and 6 months required for construction.

In accordance with action taken by the Board of Trustees on August 24, 1953, Mr. Steinhauer was authorized to transfer Canteen Surplus to the Athletic Association.

Mr. Steinhauer reviewed the Student Health and Accident Plan and called attention to excess income over expense as of May 28, 1954 as \$7,422.78. President Vanderwilt read a letter of June 9, 1954 addressed to him by Pat Dennis, Secretary of the Student Health and Accident Plan of the Colorado School of Mines, presenting a recommendation to the Board of Trustees that in view of the surplus to be realized in the 1953-54 school year the health fee be reduced from \$11 to \$10 per semester; the recommendation being based on a motion duly made, seconded, and unanimously passed by the Claims Committee of the Student Health and Accident Plan on May 21, 1954. In the discussion that followed, it was pointed out that no allowance was made during the 1953-54 school year for depreciation reserve, utilities, and janitor service. It was also pointed out that when the health plan was originally organized, it was discussed and generally understood that a reasonable excess for the future infirmary would be desirable. Action on the recommendation for reduction of the health fee was tabled for consideration at a future meeting of the Board when a quorum was present.

Mr. Steinbauer called attention to the Mines Park Addition Fund statement of estimated expenditures presented for the first time with the monthly statements to show progress of construction of 8 new housing units at Mines Park. The Mines Park Addition Fund would be a part of the monthly statements in the future.

The Summary of Estimated Budget Appropriation and Disbursements for 1954-55 were distributed and reviewed by Mr. Steinbauer. Attention was called to the fact that no allowance was made in the budget for remodeling of Guggenheim Hall which was anticipated for the year 1954-55 and that the estimated balance for June 30, 1955 was small. Mr. Steinbauer explained that the estimated balance for July 1, 1953 proved to be less than was anticipated a month ago and, in addition, outstanding orders were greater and that because of these two factors it was decided to exclude from the school budget the sum of \$25,000 originally estimated for remodeling of Guggenheim Hall and in addition to reduce the estimated balance for June 30, 1955 to the figures shown on the budget sheet. It was agreed that copies of the budget sheet should be sent to the members of the Board who were not present.

Mr. Steinbauer explained that an approved budget had to be presented not later than July 1, 1954 for authorization of payroll, new orders, and approval of current bills for the fiscal year July 1, 1954 to June 30, 1955. The need for a special meeting of the Board of Trustees was considered. It was mutually agreed that this would not be necessary and that Mr. Steinbauer should submit the budget as presented and reviewed by him to the Comptroller's Office as the operating budget for the fiscal year 1954-55.

President Vanderwilt reviewed the general terms and conditions of the D. A. Barry bequest under which the Colorado School of Mines Foundation, Incorporated would receive, for a scholarship program, the entire estate of D. A. Barry who died on June 8, 1954. Mr. Frank L. Jones, Attorney at Idaho Springs, Colorado, had deposited the will with Judge William E. Walthers, County Judge for Clear Creek County. The will was deposited on the afternoon of June 10, 1954. Because the will did not provide for the appointment of an executor, Mr. Jones had suggested, and Judge Walthers seemed to concur, that a person representing the Colorado School of Mines was desirable as an executor. It was agreed that Mr. Steinbauer should act in this capacity and President Vanderwilt was instructed to inform Mr. Jones that the school wished to have Mr. Jones recommend Mr. Steinbauer for the consideration of the Court as Executor of the D. A. Barry estate to be recorded at Idaho Springs, Colorado.

The meeting recessed for lunch during which the D. A. Barry bequest and its implications were fully discussed. Following lunch the meeting adjourned, and Mr. Thomas with Messrs. Vanderwilt and Steinbauer visited and reviewed the newly-graded intramural field and the construction at Mines Park, the Wood Shop, and the new Library, and Bradford Hall.

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President

Golden, Colorado  
July 9, 1954

The Board of Trustees met in regular session on July 9, 1954, at 9:00 a.m., in the President's Office, Colorado School of Mines, Golden, Colorado.

Present: Messrs. Bowen, Parker, Harrison, and Stockmar.

Absent: Mr. Thomas.

Mr. Thomas S. Harrison, Vice President of the Board, presided.

Dr. Vanderwilt, President of the School, attended the meeting.

Bills against the COLORADO SCHOOL OF MINES TAX FUND, EXPERIMENTAL PLANT FUND, and the SPECIAL BUILDING FUND were read, audited, and allowed as follows:

FACULTY PAYROLL

763	G. W. Anderson	194.30
764	Paul H. Anderson	212.98
765	Paul H. Anderson	459.67
766	Henry A. Babcock	234.65
767	Henry A. Babcock	516.77
768	James O. Ball	322.62
769	James O. Ball	809.96
770	Clark F. Barb	322.62
771	Clark F. Barb	809.96
772	Paul F. Bartunek	337.31
773	George T. Bator	285.81
774	George T. Bator	626.92
775	Robert L. Baugh	298.34
776	Victor W. Bauman	228.70
777	Victor W. Bauman	462.81
778	Robert A. Baxter	351.47
779	Richard P. Bobco	239.61
780	Harold A. Bohneberg	179.71

COLORADO SCHOOL OF MINES TAX FUND

FACULTY PAYROLL

781	Harold A. Bohneberg	426.94
782	Keith E. Bowen	293.44
783	Fritz S. Brennecke	431.40
784	Arnold S. Bunte	340.04
785	Dean H. Burdick	362.47
786	William V. Burger	387.75
787	Frank R. Campbell	309.54
788	Frederick M. Carpenter	348.42
789	Robert H. Carpenter	365.95
790	William J. Chapitis	299.35
791	John M. Coke	368.85
792	William A. Colburn	245.53
793	Bernetta Conrey	242.48
794	George S. Cook	352.01
795	Joseph E. Davies	354.51
796	James K. Dawson	265.67
797	Raymond R. Dickison	374.98
798	John R. Douglass	258.51
799	Walter H. Dunke	352.25
800	Edward G. Fisher	243.26
801	Edward G. Fisher	333.58
802	Delton D. Flanders	404.18
803	Hilbert E. Fletcher	336.34
804	Albert L. Gosman	285.16
805	Niles E. Grosvenor	210.70
806	Niles E. Grosvenor	456.36
807	Gerald R. Grow	194.30
808	Leonard B. Gulbransen	331.47
809	Raymond R. Gutzman	295.51
810	L. W. Hartkemeier	385.84
811	Wilfred P. Hasbrouck	275.32
812	John R. Hayes	208.35
813	John R. Hayes	439.34
814	Ivan L. Hebel	407.82
815.	K. S. Herness	275.42
816	John C. Hollister	481.54
817	Warren W. Howe	382.27
818	Robert S. Hufstedler	268.74
819	Henry Hunterman	360.15
820	E. B. Jacobs	317.55
821	Mirko Jancic	327.32
822	George W. Johnson	312.49
823	George W. Johnson	39.23
824	J. Harlan Johnson	366.02
825	William H. Journey	403.84
826	Arnold H. Kackman	98.95
827	Stephen P. Kanizay	251.77
828	John M. Karamigios	231.09
829	Paul H. Keating	311.54
830	Albert M. Keenan	385.96
831	T. A. Kelly	233.82
832	T. A. Kelly	718.44
833	Harry E. Kelsey	328.42
834	Truman H. Kuhn	471.08
835	Winton Laubach	245.00
836	George W. LeMaire	337.02
837	Leslie W. LeRoy	441.80
838	William S. Levings	298.04
839	Allan Long	401.57
840	Hershiel D. McGraw	288.41
841	Warren J. Mason	274.85

842	Donald F. Mealy	188.29
843	Donald F. Mealy	369.75
844	Charles E. Melbye	177.27
845	George T. Merideth	388.08
846	Dale Milich	257.99
847	John de la Montagne	262.10
848	Charles S. Morris	254.86
849	Gail E. Myers	335.76
850	Thomas R. Myers	291.23
851	Roger R. Nelson	252.10
852	Carl G. Nordquist	299.01
853	Lawrence Ogden	184.77
854	Lawrence Ogden	432.69
855	Robert B. Osborn	352.22
856	Ben H. Parker, Jr.	170.89
857	Ben H. Parker, Jr.	394.04
858	Lute J. Parkinson	436.60
859	Thomas E. Paynter	353.04
860	A. L. Pierce	260.95
861	Ronald D. Preston	261.26
862	Ronald D. Preston	543.40
863	W. M. Richtmann	412.24
864	Paul A. Rodgers	284.20
865	Frederick K. Sabott	195.60
866	Frederick K. Sabott	462.81
867	Harlan E. Short	370.54
868	M. I. Signer	533.63
869	George T. Sisson	229.89
870	Francis E. Smiley	220.78
871	Francis E. Smiley	465.77
872	Morton C. Smith	400.26
873	Sigmund L. Smith	213.51
874	Sigmund L. Smith	541.63
875	Charles W. Starks	304.31
876	Gurnett Steinhauer	518.91
877	Eugene J. Taylor	167.00
878	Eugene J. Taylor	415.38
879	Russell B. Travis	216.99
880	Russell B. Travis	473.09
881	John W. Vanderwilt	686.21
882	Leon S. Ward	429.36
883	Herbert D. Waterman	109.23
884	Harry Weckerling	3.75
885	Pauline K. Whalen	228.06
886	Arthur P. Wichmann	415.10
887	Virginia Lee Wilcox	252.09
888	Art Williams	295.22
889	G. Duncan Wimpres	468.41

TOTAL FACULTY PAYROLL

42,723.53

COLORADO SCHOOL OF MINES TAX FUND

CIVIL SERVICE PAYROLL

890	Claud A. Bacon	214.50
891	Miriam W. Bain	178.45
892	Tom Bernatis	188.60
893	Charles A. Billingham	212.10
894	Mary Geneva Bliss	174.80

July 20, 1954



COLORADO SCHOOL OF MINES TAX FUND

CIVIL SERVICE PAYROLL

895	Rose Marie Bolender	125.49
896	Frank J. Braun	174.80
897	W. F. Bridges	199.20
898	Edward Brill	217.55
899	Harold V. Brobeck	228.25
900	Frank Bufmak	154.15
901	Cedric Gene Burtlow	120.12
902	Shirley Bussert	163.60
903	Russell Campbell	205.55
904	Walter B. Carver	176.45
905	Leonard D. Casedy	217.55
906	Paul L. Chambers-	188.10
907	Clara C. Champion	171.05
908	Willa Jean Charon	187.25
909	Engra M. Childers	209.80
910	Peter Conti	190.00
911	James L. Cooper	193.85
912	John Arrie Crabtree	196.15
913	Mary Ann Cunningham	165.90
914	Clint E. Danley	170.20
915	Earl Dickens	303.70
916	Ross Harold Dillon	203.20
917	Elvera Dinkmeyer	162.80
918	Claude E. Dollar	154.95
919	Ollie L. Drake	144.95
920	Sterling L. Dryden	202.35
921	Marjorie G. Dugger	158.70
922	Fred D. Easley	256.55
923	Dick Eastin	164.95
924	Audrey Eddleman	194.80
925	Clarence J. Farmer	168.45
926	Mary Lou Fitch	184.80
927	Howard H. Fowler	302.75
928	Alfred J. Gallegos	184.15
929	Margaret T. Gallop	97.16
930	Beverly I. Gardner	41.16
931	J. H. Godfrey	176.45
932	Clyde G. Gregory	293.30
933	Patricia Guild	184.80
934	Joseph M. Hedricks	163.60
935	C. G. Hemberger	260.65
936	George M. Hogue	162.40
937	Carl Hall Hungness	234.00
938	William Robert Johnson	196.15
939	Helen Johnston	193.40
940	Joyce J. Jones	263.00
941	Elof Jonsson	154.15
942	Harold H. King	186.15
943	John D. Knopf	237.80
944	William Koker	151.10
945	Josephine Kubesh	161.70
946	Edward Lange	205.85
947	William Lee	225.60

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COLORADO SCHOOL OF MINES TAX FUND

CIVIL SERVICE PAYROLL

948	Gladys Lewis	173.60
949	Lee J. Lewis	164.15
950	Rudolph Lietz	205.20
951	Sheila M. Light	164.80
952	Donald Ljungvall	222.70
953	Orville O. Loving	262.95
954	Dugan S. J. Mageehon	254.90
955	Vasil C. Mandiloff	183.85
956	Charles Merchand	256.70
957	Thomas Marvin	164.00
958	Walter Matson	246.70
959	O. F. Maughan	244.40
960	Chris Mester	217.70
961	Peter Mineff	181.85
962	Onace Moore	174.80
963	Flore Morosan	181.85
964	Lois H. Mulryan	162.30
965	Marvyl I. Neal	98.77
966	Edwin W. Newbury	213.20
967	Clarence Nicholls	257.60
968	Thomas Frank O'Lear	206.15
969	Milton F. O'Neil	246.90
970	Consuelo Owens	157.95
971	Mary M. PaddLeford	216.15
972	John D. Palmer	161.30
973	Ada Maurine Parsons	163.60
974	Jesse E. Payne	219.10
975	John R. Perez	170.20
976	Jose M. Perez	181.10
977	Joseph Perry	222.10
978	John W. Pickthall	293.20
979	John B. Ratcliff	236.00
980	Ruth Ann Rheams	196.15
981	Leila L. Rhoades	43.44
982	James R. Rich	221.50
983	Robert H. Richards	254.40
984	Ruth N. Sackett	182.00
985	Sally Service	180.00
986	Albert E. Simpson	217.45
987	James Smith	256.65
988	Mary C. Smith	198.70
989	Robert Spencer	252.10
990	Mary Ann Sterling	77.50
991	Leslie B. Talbert	203.90
992	Robert P. Taylor	207.03
993	LaVerne F. Thomas	164.15
994	Vera M. Threewit	163.60
995	John Tiedt	168.45
996	Warren Tripp	196.15
997	Katherine L. Valore	174.15
998	Loren Wason	160.60
999	Janet Waterman	184.80
1000	Ernest E. Waters	266.50
1001	Janice C. Weber	174.80
1002	William Weiler	168.45
1003	Ronald A. Williams	2.96

TOTAL CIVIL SERVICE PAYROLL

21,820.18

July 20, 1954

COLORADO SCHOOL OF MINES TAX FUND

MISCELLANEOUS PAYROLL

1004	Eugene N. Catalano	256.00
1005	Kantilal Desai	190.00
1006	Harold H. Earhart	367.00
1007	Cecilia Kelsey	114.40
1008	Edward C. Koehler	153.70
1009	Robert Morgan	52.27
1010	Blair Osborn, Jr.	129.10
1011	George D. Shier	114.40
1012	Minnie Simpson	66.80
1013	Peter Steinhauer	114.40
1014	Marion Denney Whiteis	66.87

TOTAL MISCELLANEOUS PAYROLL

1,621.44

COLORADO SCHOOL OF MINES TAX FUND

STUDENT HELP PAYROLL

1015	Prem S. Advani	68.28
1016	Frank Akiyama	35.63
1017	N. M. Anderson	23.25
1018	John H. Barney	136.30
1019	David F. Bolender	6.00
1020	Robert E. Brooks	146.30
1021	Gustovo Camposano	15.00
1022	Lalit K. Chandhok	20.25
1023	John A. Dorr	9.00
1024	Albert L. Dugger	38.25
1025	Joe R. Dunbar	16.50
1026	Hank Emery	3.00
1027	M. K. Ghose	3.00
1028	Stanley S. Gima	6.00
1029	F. J. Gruberth	71.63
1030	Sidney Johnston	26.25
1031	Franklin V. Kelly	37.50
1032	George Kinsel	7.13
1033	C. C. Lyford	15.00
1034	Yohannes Makonnen	24.00
1035	Robert A. Metz	7.50
1036	Alfred D. Olson	83.05
1037	H. R. Patel	6.75
1038	Enrique Puerta-Medina	21.00
1039	Gordon M. Pugh	30.38
1040	M. N. Quereshy	30.75
1041	Frank Ruskey	10.50
1042	Charles Russell	20.25
1043	J. F. Simons	78.00
1044	Charles H. Stewart	15.75
1045	G. T. Thadani	30.00
1046	Francis Wolek	65.25

TOTAL STUDENT HELP PAYROLL

2,732.39

July 20, 1954

COLORADO SCHOOL OF MINES TAX FUND

2033	Withholding Tax	8,897.81	
2034	Retirement	3,267.53	
2035	Blue Cross	1,107.80	
2036	Insurance	74.27	
2037	War Bonds	417.50	
2038	State's Share of Retirement	3,318.39	82,662.45
	TOTAL PAYROLL		85,980.84

EXPERIMENTAL PLANT FUND

CIVIL SERVICE PAYROLL

92	Clair E. Dillon	213.20
93	Edwin J. Harding	249.85
94	Fred Ljungvall	216.00
95	John Reece	231.65

MISCELLANEOUS PAYROLL

96	Thomas Don Andrews	334.20
97	Paul W. Harrell	188.30
98	Vernon L. Mattson	352.04

EXPERIMENTAL PLANT PAYROLL

1,785.24

EXPERIMENTAL PLANT FUND

46	Withholding Tax	229.90
47	Retirement	65.93
48	Blue Cross	33.00

TOTAL EXPERIMENTAL PLANT FUND

2,114.07

COLORADO SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1	Acme Fast Freight, Inc.	83.86
2	Wm. Ainsworth & Sons, Inc.	14.48
3	Albi Bros. Coal Company	643.92
4	American Radiator & Standard Sanitary Corp.	436.89
5	Arvada Read-Mix	162.75
6	John Howard Barney	26.46
7	B. F. Bennet Oil Co.	15.09
8	Better Bilt Door Co.	355.00
9	B. H. Blackwell, Ltd.	74.76
10	Robert E. Brooks	32.34
11	Burch Warehouse and Transfer Co., Inc.	248.62
12	Wm. V. Burger	23.52
13	Business Reports, Inc.	12.75
14	Capitol Office Supply Co.	89.10
15	Cardwell Blue Print & Supply Co.	12.60

July 20, 1954

COLORADO SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

16	Robert H. Carpenter	28.14
17	Carson Brothers	110.07
18	Central Electric Supply Co.	11.88
19	Central Scientific Co.	18.45
20	The Christian Science Monitor	10.25
21	City of Golden	42.00
22	Cocks-Clark Engraving Co.	122.89
23	The Colorado Badge and Novelty Co.	125.12
24	Colorado Blue Print and Supply Co.	36.76
25	Colorado Builders' Supply Co.	5,378.07
26	Colorado Central Power Co.	2,728.84
27	C.S.M. Research Foundation, Inc.	655.24
28	Colorado Specialties Co.	394.00
29	The Continental Chemical Co.	129.75
30	Craig-Frederick Chevrolet Co.	7.56
31	Crane-O'Fallon Co.	375.40
32	Dakota Microfilm Service	45.00
33	Davis & Davis, Petroleum and Industrial Equipment	103.85
34	Deffenbaugh Lumber Co.	149.79
35	DeGeorge Transfer Co.	13.00
36	Denver Blue Print Co.	125.50
37	Denver Fire Clay Co.	1,223.43
38	Richard Grenfel, Denver Post Agent	14.40
39	Denver Tent and Awning Co.	429.00
40	Dictaphone Corporation	713.00
41	Clair Dillon	15.00
42	Duvall Davison Lumber Co.	3,314.60
43	Eastman Kodak Stores, Inc.	79.04
44	Economic Geology Publishing Co.	5.00
45	Educational & Institutional Cooperative Service, Inc.	51.06
46	Elliott-Schmidt Electric Co.	134.35
47	Encyclopaedia Britannica Films, Inc.	8.08
48	The Engineers' Digest, E. D. Publications, Inc.	14.00
49	English Journal and College English	6.00
50	E-Z Way Laundry, John M. Young	106.99
51	Foss Drug Company	46.96
52	M. L. Foss, Inc.	168.71
53	Howard H. Fowler	70.56
54	Funk & Wagnalls Co.	44.00
55	Walt Furlong and Rundel	200.00
56	George Gorton Machine Co.	90.47
57	George Graul, Florist	150.00
58	General Electric Co., Apparatus Dept.	451.85
59	General Electric Supply Co.	20.40
60	General Electric Company, X-Ray Dept.	33.02
61	Globe Truck Lines, Inc.	44.02
62	The Golden Fire Brick Co.	120.52
63	The Golden Press, Inc.	50.00
64	Hahn Equipment Co.	39.46
65	R. A. Haines & Company	288.28
66	The Hallack & Howard Lumber Co.	664.63
67	William L. Harvey	50.00
68	W. P. Hasbrouck	52.96
69	Hawthorne Brush & Supply Co.	15.66
70	Heath Company	183.00
71	Hendrie & Bolthoff Supply Co.	191.08

July 20, 1954

COLORADO SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

72	John C. Hollister	135.62
73	Index Machine Company	73.28
74	Inter-State Radio and Supply Co.	166.41
75	K. C. Construction Co.	123.88
76	Kellogg's Hardware Co.	12.63
77	Kendrick-Bellamy Co.	129.58
78	W. H. Kistler Stationery Co.	98.64
79	The Kohler McLister Paint Co.	41.40
80	Lainson Studios, Portrait Photography	24.00
81	L. W. LeRoy	65.09
82	McMurtry Mfg. Co.	648.12
83	Merchant Calculators, Inc.	102.00
84	Fred H. Martin	5.45
85	Merritt Tire Shop	20.00
86	Midwest Saw Filing & Grinding Works	24.10
87	Midwest Steel & Iron Works Co.	797.97
88	The Mine & Smelter Supply Co.	2,110.11
89	Monarch Lumber Company, Inc.	467.91
90	The Morey Mercantile Co.	5.19
91	Morse Bros. Machinery Co.	39.00
92	Mountain States Telephone & Telegraph Co.	1,019.37
93	The Nock & Garside Elevator Co.	72.53
94	North Denver Lumber Co.	102.00
95	Oasis Service Station	8.50
96	Lawrence Ogden	22.40
97	Oser Exterminating Co.	15.00
98	Outlook Publishers	291.05
99	Mary M. Paddleford	2.24
100	Paramount Cleaners-Dyers	96.75
101	Ben H. Parker, Jr.	30.80
102	J. E. Payne	5.00
103	Peerless Printing Co.	1,125.90
104	Petersons Gulf Service	32.74
105	Petroleum Information	10.00
106	Petroleum Times Ltd.	7.00
107	Petroleum World and Oil	7.00
108	Phillips Petroleum Co.	85.50
109	John Pickthall	15.26
110	Poindexter Electric Co.	100.80
111	Prefabricators, Inc.	168.29
112	Public Service Company of Colorado	327.77
113	Radio Products Sales Co.	45.88
114	Record Haven Stores	24.89
115	W. H. Reinbold	117.50
116	Reliable Glass Co.	9.33
117	Reliable Typewriter Co.	29.60
118	Remington Rand, Inc.	35.75
119	Colorado School of Mines Revolving Fund	298.72
120	The Rio Grande Co.	39.95
121	Rocky Mountain Bank Note Co.	25.50
122	Mary S. Rosenberg	18.96
123	Sanitary Specialties Co.	64.80
124	Seneca Paint Co.	50.15
125	W. T. Shephard	791.90
126	M. I. Signer	38.56

July 20, 1954

COLORADO SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

127	Morton C. Smith	91.13
128	Standard Oil Co.	75.87
129	Stebbins Investment Co.	10,510.20
130	Gurnett Steinhauer	29.96
131	Strawn's Stationery	52.96
132	Taylor Instrument Companies	10.14
133	Underwood Corporation	56.57
134	The United States Welding Works, Inc.	37.50
135	Universal Tractor Co.	5.85
136	University Club	68.90
137	L. B. Walker Radio Co.	141.19
138	Art Walz	16.00
139	Wards Rental Service	135.00
140	Weiner Bros.-	484.46
141	W. M. Welch Manufacturing Co.	53.40
142	The Western Seed Co.	26.50
143	Westinghouse Electric Corp. Univ. Relations Ed. Dept.	6.00
144	Prof. Arthur P. Wichmann	16.03
145	W. W. Wilmore Nurseries	1,273.97
146	The H. W. Wilson Co.	22.00
147	Woehrmyer Printing Co.	194.92
148	The Writer's Digest	5.00
149	Ziegler Fire Extinguisher Service	172.35
	TOTAL SUPPLY VOUCHERS	45,646.90

SPECIAL BUILDING FUND

139	Bell Plumbing & Heating Co.	6,058.62
140	Fuller, Fuller, & Fuller	53,336.55
141	National Spectrographic Sales Corp.	3,710.00
142	Sturgeon Electric Co., Inc.	5,567.61
	TOTAL SPECIAL BUILDING FUND	68,672.78

July 20, 1954

The minutes of the April 9, 1954 and the May 14, 1954 meetings were read and approved.

The minutes of the June 11, 1954 meeting which was held without a quorum were reviewed and the actions recorded were confirmed.

President Vanderwilt reported that a resolution recorded in the Board minutes of May 28, 1953 accepted an offer of a gift by Dr. B. M. Rastall with the definite implication that a gift was imminent, but that no gift had been received. It was the opinion of the Board that a notation be affixed to the minutes of May 28, 1953 referring to the above report.

President Vanderwilt reported that the Bradford Fund consisted of donations Mr. A. Hartwell Bradford had deposited with the school for ultimate use of the school in amounts as follows:

December 29, 1949	-	\$10,000
October 18, 1950	-	8,000
May 17, 1951	-	5,000
May 23, 1952	-	5,000

The Board of Trustees confirmed the transfer authorized by Mr. A. Hartwell Bradford of the Bradford Fund in the amount of \$25,710.66 made on July 31, 1952 to the Colorado School of Mines Foundation, Incorporated. The amount of \$710.66 was the amount of interest earned on the principal sum of \$25,000. Subsequent donations received from Mr. Bradford were placed in the Colorado School of Mines Foundation, Incorporated at the time they were received.

A letter of June 18, 1954 from Mr. A. Hartwell Bradford expressing his appreciation to the Board of Trustees for naming the new dormitory, Bradford Hall, in his honor was presented to the members of the Board for their information.

Dr. Parker and Mr. Harrison reviewed the status of the plans for the plaques for Bradford Hall, the new dormitory, and the Arthur W. Lakes ~~Hall~~, the new library.

*Library*  
*Library*  
It was moved, duly seconded, and unanimously passed that Miss Mary Hoyt be named Librarian Emeritus and that consideration be given to naming a room in the new library in her honor as a memorial. It was further agreed that a public announcement of the Board's action should be made as a part of the dedication ceremonies of the Arthur W. Lakes ~~Hall~~. It was agreed that President Vanderwilt should acquaint Miss Hoyt of the action and plans of the Board of Trustees.

Mr. Steinhauer entered the meeting and presented the monthly statements as follows: Summary of Budget Appropriation and Disbursements, as of June 30, 1954; Balance Sheet, June 30, 1954; Mill Levy Building Fund, as of June 30, 1954; Special Building Fund, as of June 30, 1954; Dining Hall Statement for period May 27, 1954 through June 30, 1954; Statement of Income and Expense, Canteen, period from May 26 through June 18, 1954; Statement of Income and Expense, Mines Park, June, 1954; Statement of Income and Expense, Prospector Park, June, 1954; Trial Balance, Associated Students of the Colorado School of Mines, Inc., June 30, 1954; Summary of Budget Receipts for Infirmary,



September 10, 1953 to June 30, 1954; Mines Park Addition Fund, as of June 30, 1954; Bradford Hall Dormitory Statement, as of June 30, 1954; and Summary of Expenditures, Alderson Hall, as of June 30, 1954.

Dr. Parker raised the question of acquiring the survey area now being used under lease from the Industrial School for Boys. President Vanderwilt stated this had been discussed with Professor Kelly, Head of the Civil Engineering Department, and Professor Kelly had agreed to prepare maps showing the area that was needed for the survey course. It was agreed that an effort should be made to have Mr. J. Price Briscoe visit the area at a time it was occupied by student surveyors and that plans should be made for obtaining title, if possible, at the coming session of the Legislature.

The student health program was reviewed and discussed. Further consideration was given to the recommendation to reduce the student health fee in accordance with a letter of June 9, 1954 presented by Pat Demis, Secretary of the Student Health and Accident Plan, and introduced to the Board at its meeting on June 11, 1954. It was mutually agreed that the record of one year of the new plan was insufficient for final conclusion as to the ultimate cost of the program, and further that the indicated surplus for the current year 1953-54 was not a logical basis for reduction of health fees because certain items of cost had not been charged against the program. In the discussion that followed it was brought out that more information was desired as to the long-range plans for an infirmary building and student health program and the amount of money that would be necessary.

It was moved, duly seconded, and unanimously passed that no reduction in fees be approved and that the student health budget for 1954-55 show allowances for utilities, janitor service, a reasonable depreciation, and other items that normally go into cost of operation of the student health plans.

A letter of July 2, 1954 from the Empire Construction Company by Harold B. Joy was introduced. The letter gave notice of a delay in the completion of the contract because of strikes. Mr. Steinhauser stated that in his conversations with Mr. Harold Earhardt he was advised that the strikes had not as yet affected progress on the new dormitory. It was agreed that the architects should be requested to review the situation with the Empire Construction Company to determine the actual situation and that the notice of July 2, 1954 by the Empire Construction Company should be acknowledged taking into account the recommendations that might be received from the architects.

Mr. Steinhauser reviewed the information received concerning the installation of gas lines to the 8 new units at Mines Park. It was decided to install individual gas meters for the 8 new houses.

Mr. Steinhauser reported that a balance of \$66,517.02 was available under the petroleum building project for construction of the Pilot Plant, or Unit Operations Building. It was mutually agreed that the architects should be advised as soon as possible as to the available balance.

The meeting recessed for lunch. The members of the Board were joined by Mr. Wimpess, Mr. Steinhauser, and President Vanderwilt. During lunch a review was given of the conferences held with Mr. Thomas A. Genser on June 6 and 7 concerning plans for fund raising. Mr. Genser

July 9, 1954

had recommended preparation of a blueprint, with the active participation of the faculty, to set forth the work being done by the school, why this work is being done, and to obtain recommendations for objectives to be reached by 1974 (the 100th anniversary of the school), and the progress that should be made during the first five years of this program. President Vanderwilt stated that Dean Signer, Mr. Wimpess, and he agreed with Mr. Genser's recommendations. Mr. Wimpess explained the organization chart for the program and expressed concurrence with the view expressed by Mr. Genser that the work should proceed without delay. After full discussion, the Board unanimously approved the plan and President Vanderwilt was instructed to proceed accordingly.

The meeting was resumed in the President's Office. On motion, duly seconded, and unanimously passed the following resolutions were adopted:

RESOLVED that Thomas S. Harrison and Max W. Bowen, Vice President and Secretary respectively of the Board of Trustees of the Colorado School of Mines be and they are hereby authorized to rent from the Colorado National Bank (Safe Deposit Vaults), upon such terms as they may see fit to agree to, a safe in the Safe Deposit Vaults of said Bank for the use of the school, and that John W Vanderwilt, Lester C. Thomas, Ben H. Parker, Burnett Steinhauser, and Ted P. Stockmar are hereby appointed agents of the school, and they, or any two of them, shall have the right of access to said safe; to remove its contents and to surrender the safe and to release the liability connected therewith, and to receive refund of any money due for return of keys or otherwise.

RESOLVED that the Treasurer of the Colorado School of Mines be and he is hereby authorized and directed to rent for this corporation a safe in the Safe Deposit Vaults of The First National Bank of Denver, and to sign in behalf of the Corporation a lease therefor, and upon the termination thereof, to surrender said safe, release the said bank from any liability in connection therewith, return the keys, and receive any refund of money which may be due, and otherwise take such steps as may be necessary to terminate the said lease and all matters connected therewith;

BE IT FURTHER RESOLVED that during the life of said lease and any renewal thereof, or until the further order of this Board the following agents and officers of this corporation be and they are hereby authorized to have the right of access to said safe and control of the contents thereof: John W Vanderwilt, Lester C. Thomas, Ben H. Parker, Burnett Steinhauser, and Ted P. Stockmar, provided, that at least two of said agents and officers shall attend whenever access is had to the safe, and sign whatever application for access may be required by said bank as a prerequisite to granting access to said safe;

BE IT FURTHER RESOLVED that the authority granted in the preceding resolutions shall be and remain in full force and effect until revoked by the Board of Trustees of this corporation and notice of such revocation and any change is given to The First National Bank of Denver in writing.

RESOLVED that the Treasurer of this corporation be and he is hereby authorized and directed to rent for this corporation a safe in the Safe Deposit Vaults of The First National Bank of Golden, and to sign in behalf of the Corporation a lease therefor, and upon the termination thereof, to surrender said safe, release the said Bank from any liability in connection therewith, return the keys, and receive any refund of money which may be due, and otherwise take such steps as may be necessary to terminate the said lease and all matters connected therewith;

BE IT FURTHER RESOLVED that during the life of said lease and any renewal thereof, or until the further order of this Board the following agents and officers of this Corporation be and they are hereby authorized to have the right of access to said safe and control of the contents thereof: John W Vanderwilt, Lester C. Thomas, Ben H. Parker, Garnett Steinhauser, and Ted P. Stockmar, provided, that at least two of said agents and officers shall attend whenever access is had to the safe, and sign whatever application for access may be required by said bank as a prerequisite to granting access to said safe;

BE IT FURTHER RESOLVED, that the authority granted in the preceding resolutions shall be and remain in full force and effect until revoked by the Board of Trustees of this corporation and notice of such revocation and any change is given to the First National Bank of Golden in writing.

RESOLVED that the hereinafter designated persons are hereby authorized to control an investment share account for the Colorado School of Mines with Midland Federal Savings and Loan Association and that said association is hereby authorized to act without further inquiry in accordance with writing bearing the signatures of two such persons, unless and until it has been notified of any change of control and of further authorizations for other individuals to so sign, together with a specimen of the signature of each such individual.

Garnett Steinhauser, Treasurer  
John W Vanderwilt, President

RESOLVED that the hereinafter designated officers are hereby authorized to open a savings account for the Colorado School of Mines and to invest its funds from time to time with Industrial Federal Savings and Loan Association, and that said association is hereby authorized to act without further inquiry in accordance with writings bearing the facsimile signatures of two such officers, unless and until it has been notified of any change of officers and of further authorization for other individuals to so sign, together with a

specimen of the signature of each such individual.

John W Vanderwilt, President  
Gurnett Steinhauser, Treasurer

The athletic department budget for 1954-55 was presented and reviewed. It was noted that the budget allowed for a minimum balance at the end of the year. On motion duly seconded and unanimously passed, the athletic department budget for 1954-55 was approved as presented.

Motion was made, seconded, and unanimously passed that President Vanderwilt and Mr. Steinhauser be authorized to sell as needed bonds now credited to the Randall Dormitory Fund for the purchase of furniture for the new dormitory, Bradford Hall.

President Vanderwilt introduced the possibility of the purchase of the C. E. Davidson residence at 1000 Sixteenth Street in Golden. This residence occupies the corner opposite from the Fertig house purchased by the school a few years ago and would place the school in a more favorable position for acquiring this block for its long-range program. The original price asked for the house was \$18,000, but Mr. Davidson had offered the house to the school at \$16,500. Mr. Steinhauser stated that unencumbered reserves in the Randall Dormitory Fund were sufficient to cover the purchase of the property. It was agreed that the price asked was reasonable and after considerable discussion, it was moved, duly seconded, and unanimously passed that President Vanderwilt be authorized to offer \$15,000 cash for the residence and that he be further authorized to meet the requested price of \$16,500 if, in his judgment, this was necessary to purchase the property. It was understood that the purchase of the Davidson property was subject to the approval of the abstract by the Attorney General. It was the feeling of the Board that a reasonable appraisal value for the land should be paid from the General Fund of the school, and that the balance should be paid from the Randall Dormitory Fund.

It was agreed to hold the next meeting of the Board of Trustees on Thursday, August 12, 1954, at 8:00 a.m.

Mr. Bowen asked to be excused and left the meeting.

President Vanderwilt reviewed the changes and additions to the faculty. The following faculty appointments for 1954-55 were presented for the consideration of the Board:

Henry A. Eabeodt Assistant Professor of Civil Engineering	\$4,628.50
James O. Ball Professor of Petroleum Refining Engineering & Head of Department	7,169.50
Clark F. Barb Professor of Petroleum Production Engineering & Head of Department	7,169.50
Paul F. Bartunek Associate Professor of Physics-	5,122.00

George T. Eator Associate Professor of Mining	\$5,700.00
Victor W. Hauman Assistant Professor of Mathematics	4,257.85
Robert A. Jaxter Professor of Chemistry	5,800.00
Richard P. Bobco Instructor in Mechanical Engineering	3,825.00
Harold A. Schneberg Instructor in Petroleum Production	3,912.50
Keith E. Bowen Assistant Professor of Physical Education	4,336.85
Fritz S. Brembecke Director of Athletics and Head Football Coach	6,476.50
Arnold S. Bunte Associate Professor of Geology	5,150.00
Frank R. Campbell Associate Professor of Mechanical Engineering	4,859.50
Frederick M. Carpenter Associate Professor of Mathematics	5,090.50
Robert H. Carpenter Associate Professor of Geology	5,385.50
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George S. Cook Associate Professor of Mathematics	5,321.50
James Darden Assistant Professor of Physical Education	4,400.00
Joseph E. Davies Associate Professor of Physical Education	5,122.00
James K. Dawson Instructor in Descriptive Geometry and Engineering Drawing	3,757.50
John R. Douglass Instructor in Chemistry	3,925.00

Walter H. Dunke Associate Professor of Chemistry	\$5,437.00
Jay A. Erikson Instructor in Petroleum Refining	3,700.00
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Mildred Frost, Jr. Instructor in Metallurgy	3,600.00
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L. W. Hartknoch Associate Professor of Chemistry	5,668.00
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W. Warren Howe Professor of Chemistry	5,800.00
Robert S. Hufstetler Instructor in Chemistry	4,016.25
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