

SUPPLY VOUCHERS

2921	E. I. DuPont DeMours & Co.	23.22
2922	Duvall-Davison Lumber Co.	435.20
2923	Eastman Kodak Stores, Inc.	47.60
2924	Elder Trailer & Body Service	69.50
2925	Elliott Addressing Machine Co.	19.25
2926	Faesy & Besthoff, Inc.	12.00
2927	Federal Envelope Co.	188.54
2928	Fisher Scientific Co.	33.24
2929	Foss Drug Co.	9.71
2930	H. L. Foss, Inc.	113.96
2931	Frankel Carbon & Ribbon Co.	466.95
2932	Garden City Envelope Co.	114.66
2933	Lawrence Garfield	164.60
2934	Gates Factory Store, Inc.	58.35
2935	Gates Rubber Co.	30.19
2936	General Chemical Division	271.71
2937	General Electric Co.	802.47
2938	General Electric Supply Co.	98.37
2939	General Electric X-Ray Corp.	24.75
2940	Ginn & Co.	28.20
2941	Golden Furniture Store	62.85
2942	Golden Gas Co.	9.18
2943	Graham Paper Co.	12.00
2944	Graphic Process Service	13.48
2945	W. L. Gray & Co.	6.60
2946	Graybar Electric Co., Inc.	120.60
2947	Hagan Corp.	177.00
2948	Charles Hardy, Inc.	49.26
2949	Harper & Bros.	6.75
2950	Hendrie and Bolthoff Co.	18.90
2951	Herbach & Rademan	8.77
2952	K. S. Harness	19.95
2953	Hewlett-Packard Co.	200.00
2954	W. Warren Howe	32.00
2955	Chas. H. Hull, Dr.	40.00
2956	Ideal Laundry	28.19
2957	Industrial Supply Co.	8.75
2958	Interscience Publishers, Inc.	9.20
2959	Interstate Radio & Supply Co.	955.56
2960	Earl Johnson	5.00
2961	D. C. Johnston	4.00
2962	John M. Karamigios	72.56
2963	Albert M. Keenan	55.73
2964	Kellogg's Hardware, Inc.	25.87
2965	Kendrick-Bellamy Co.	387.91
2966	Kistler's	301.38
2967	Kohler-McLister Paint Co.	45.35
2968	Eugene H. Leaver	38.43
2969	L. W. LeRoy	19.22
2970	Linde Air Products Co.	12.47
2971	Clifton W. Livingston	14.00

SUPPLY VOUCHERS

3024	John Wiley & Sons, Inc.	12.20	
3025	H. W. Wilson Co.	217.13	
	<b>TOTAL SUPPLY VOUCHERS</b>		<b>33,710.72</b>
147	American Petroleum Institute	1.00	
148	Denver Sample Log Service	17.10	
149	Dept. of Natural Resources	2.00	
150	Ellis Store	1.98	
151	Kellogg's Hardware, Inc.	25.32	
152	Robinson's Bookstore	1.02	
153	Sachs-Lawlor Co.	3.60	
154	Silver State Printers	45.65	
	<b>TOTAL INDUSTRIAL DEVELOPMENT RESEARCH</b>		<b>98.17</b>

MILL LEVY BUILDING FUND

28	Robert K. Fuller	10,000.00	
29	Scott Bros. Electric Co.	1,857.34	
	<b>TOTAL MILL LEVY BUILDING FUND</b>		<b>11,857.34</b>

ATHLETIC ASSOCIATION FUND VOUCHERS

431	Athletic Revolving Fund	1,566.67	
432	Earle Blick	5.00	
433	The Blue Spruce Inn	24.00	
434	Keith E. Bowen	14.29	
435	Hugh Bradley	5.00	
436	Fritz Brennecke	3.15	
437	Harold Brobeck	5.00	
438	Lauren P. Brown	2.00	
439	Frederick M. Carpenter	20.00	
440	Continental Trailways Bus System	114.64	
441	Joe Davies	3.15	
442	L. W. Deffenbaugh's Lumber Store	8.54	
443	Fred Deuel	23.95	
444	Wm. J. Chapitis	6.00	
445	Eiknet Bincer	12.05	
446	Joseph P. Dunn Shoe Co.	24.50	
447	Jack Earl	22.12	
448	Eastman Kodak Stores, Inc.	30.73	
449	Roy Essary	27.00	
450	William Everett	2.80	
451	The Finch-Earnest Corp.	11.00	
452	Ed Flint	5.00	
453	Foss Drug Co.	43.40	
454	The Golden Press, Inc.	19.00	
455	Oscar Herigstad	5.00	
456	Fred Hohn	12.00	
457	John Hudson	26.60	
458	George Johnson	9.00	

March 11, 1949

ATHLETIC VOUCHERS

459	William Juengling	7.50
460	John Karamigios	104.57
461	Clyde W. Kerns	3.50
462	John F. Kobs, Secy., Treas. (Amer. Assn. of College Baseball)	5.00
463	John Lloyd	2.50
464	Robert Marsh	12.00
465	Miller's Cafe	8.95
466	Master Sgt. Jack Monroe	10.00
467	Rio Grande Motor Way, Inc.	24.50
468	Gene Hitzenthaler	10.00
469	Dave Roberts	11.90
470	Sam's Steak House	38.03
471	Robert Sloan	11.90
472	Swena Transfer & Express	3.00
473	Robert Torpey	10.00
474	Charles White	20.00
475	Rev. Barry Hogan	5.00
476	White Rose Laundry	126.27
477	Woodland Army & Navy Supply	91.00
	TOTAL ATHLETIC VOUCHERS	2,557.21

Golden, Colorado  
April 8, 1949

The Board of Trustees met in regular session on April 8, 1949, at 10:00 A.M., at the President's Office, Colorado School of Mines, Golden, Colorado.

Present: Messrs. Harrison, Stockmar, Thomas, and Vanderwilt.

Absent: Mr. Bowen.

President Parker and Mr. Steinhauer attended the meeting.

The minutes of the regular meeting of February 4, 1949, were read and approved.

Bills against the SCHOOL OF MINES TAX FUND, the EXPERIMENTAL PLANT FUND, the INDUSTRIAL DEVELOPMENT RESEARCH FUND, and the ATHLETIC ASSOCIATION FUND were read, audited, and allowed as follows:

SCHOOL OF MINES TAX FUND

FACULTY

3701	William C. Aitkenhead	\$407.70
3702	Wilburn F. Anderson	238.63
3703	James L. Atteberry, Jr.	215.06
3704	Henry A. Babcock	252.29
3705	James O. Ball	387.20
3706	Clark F. Barb	387.55
3707	Robert L. Baugh	193.00
3708	Victor W. Bauman	223.88
3709	Robert A. Baxter	307.37
3710	Bernice Bowen	257.29
3711	Keith E. Bowen	223.50
3712	Fritz S. Brennecke	361.15
3713	John G. Brummel	203.99
3714	Arthur W. Buell	233.99
3715	H. Dean Burdick	287.37
3716	William V. Burger	293.26
3717	Frank R. Campbell	250.86
3718	Clark B. Carpenter	378.95

April 8, 1949

SCHOOL OF MINES TAX FUND

3719	F. M. Carpenter	272.85
3720	Arthur B. Chambers	371.90
3721	Wm. J. Chapitis	228.98
3722	F. F. Clark	232.48
3723	John M. Coke	285.07
3724	Wm. A. Colburn	206.76
3725	George S. Cook	283.29
3726	H. F. Coolbaugh	457.00
3727	H. B. Corbin	291.45
3728	A. J. Cornish	278.59
3729	H. M. Crain	392.04
3730	Wm. B. Cramer	318.47
3731	H. O. Davidson	248.60
3732	Joseph E. Davies	279.69
3733	Walter H. Dunke	277.42
3734	A. K. Erickson	225.64
3735	James R. Everett	304.71
3736	Edward G. Fisher	322.51
3737	Delton D. Flanders	306.72
3738	H. E. Fletcher	263.44
3739	John W. Gabelman	80.10
3740	Marvin C. Gardels	207.49
3741	Hugo S. Geissler	244.37
3742	A. V. Goynes, Jr.	206.76
3743	Donald C. Gregg	207.49
3744	James E. Haff	211.95
3745	John C. Hagen	144.20
3746	L. W. Hartkemeier	303.81
3747	Ivan L. Hebel	336.06
3748	J. A. Heeren	283.29
3749	George W. Heim	229.24
3750	K. S. Herness	203.17
3751	Ralph C. Holmer	229.18
3752	W. W. Howe	338.71
3753	Mary E. Hoyt	219.34
3754	E. B. Jacobs	238.49
3755	George W. Johnson	220.58
3756	J. Harlan Johnson	318.76
3757	D. C. Johnston	287.99
3758	Wm. H. Journey	326.46
3759	John E. Karamigios	166.39
3760	Paul E. Kesting	239.31
3761	Albert M. Keenan	312.44
3762	John J. Kelley	324.21
3763	T. A. Kelley	315.35
3764	Harry E. Kelsey	281.15
3765	T. H. Kuhn	311.88
3766	John W. Lantow	207.49
3767	E. H. Leaver	223.50
3768	George W. LeHaire	251.51
3769	Leslie W. LeRoy	313.90

SCHOOL OF MINES TAX FUND

3770	Wm S. Levings	228.88
3771	A. H. Lindley, Jr.	199.19
3772	C. W. Livingston	387.46
3773	V. Allan Long	332.16
3774	T. B. McPherson	240.52
3775	Warren J. Mason	220.58
3776	W. D. Mateer	257.29
3778	George T. Meredith	295.93
3778	Wm. H. Mueller	231.68
3779	Carl G. Nordquist	223.36
3780	Robert B. Osborn	284.45
3781	Ben H. Parker	614.78
3782	T. E. Paynter,	269.56
3783	R. T. Phelps	291.91
3784	A. L. Pierce	207.08
3785	R. D. Preston	277.38
3786	A. L. Rae	262.85
3787	Stanley Reichert	228.88
3788	W. H. Richtmann	358.53
3789	Paul A. Rodgers	225.93
3790	F. K. Sabott	212.93
3791	George W. Salzer	356.95
3792	G. E. Schade	232.18
3793	H. E. Short	250.81
3794	M. I. Signer	426.24
3795	F. E. Smiley, Jr.	228.88
3796	Fred T. Smith	225.08
3797	Morton C. Smith	291.91
3798	S. L. Smith	236.07
3799	Gladys W. Sparr	194.47
3800	Charles W. Starks	224.04
3801	Gurnett Steinhauser	406.19
3802	W. Alan Stewart	218.24
3803	H. E. Stommel	237.97
3804	Frederick Straus	75.30
3805	A. B. VanTine	220.58
3806	F. H. Van Tuyl	360.20
3807	Warren R. Wagner	280.36
3808	L. S. Ward	357.82
3809	A. P. Wichmann	315.36
3810	Virginia Lee Wilcox	185.65
3811	Art Williams	225.64

TOTAL FACULTY PAYROLL

30,114.91

CIVIL SERVICE

3812	Doloras J. Alderman	141.46
3813	George S. Atkinson	153.16
3814	C. A. Bacon	145.71
3815	Stanley Bittle	123.23
3816	W. P. Bridges	159.01

SCHOOL OF MINES TAX FUND

3817	Harold V. Brobeck	163.59
3818	Imse L. Brown	157.76
3819	Wm. D. Caldwell	125.78
3820	George H. Carns	125.78
3821	Engra M. Childers	165.68
3822	J. L. Cooper	137.71
3823	David H. Davison	157.98
3824	Carson L. Doss	277.39
3825	Sterling L. Dryden	143.51
3826	Ann M. Dukes	176.71
3827	Fred D. Easley	172.46
3828	Robert E. Gibson	125.78
3829	Merle J. Graves	123.23
3830	Bert F. Harrison	145.98
3831	L. J. Hartsmann	143.63
3832	Doris P. Haynes	150.38
3833	C. G. Hemberger	216.62
3834	J. J. Hemberger	208.71
3835	Chester P. Herr	138.68
3836	Violet K. Horning	157.72
3837	Earl L. Johnson	170.76
3838	Edward Lange	153.01
3839	William Lee	150.06
3840	Donald Ljungvall	160.02
3841	Fred Ljungvall	170.67
3842	Edward S. Maddox	125.78
3843	Charles Marchand	170.76
3844	O. F. Maughan	181.31
3845	Chris Mester	157.54
3846	Lois K. Mote	150.38
3847	Maurice C. Nelson	125.78
3848	Clarence Nicholls	215.02
3849	M. F. O'Neil	179.24
3850	John W. Pickthall	222.19
3851	Dorothy J. Prouse	135.31
3852	Jacob T. Pyle	139.11
3853	Stanley Ratajczyk	138.68
3854	James R. Rich	154.32
3855	Robert H. Richards	179.41
3856	Kenneth Robinson	86.41
3857	Rose Marie Rowe	135.31
3858	Elinor C. Ryan	149.61
3859	Ruth M. Sackett	138.03
3860	A. E. Simpson	156.42
3861	James L. Simpson	129.41
3862	James Smith	188.79
3893	Mary C. Son	172.94
3894	Gustaf P. Stalgran	138.68
3865	Myrtle H. Stephens	141.46
3866	Leslie B. Talbert	151.96
3867	Charles S. Thomas	138.68

SCHOOL OF MINES TAX FUND

3868	Wm. F. Tobin	215.42
3869	Louise M. Waters	141.99
3870	A. G. Webster	164.09
3871	Mary M. Wilkerson	155.88

TOTAL CIVIL SERVICE PAYROLL

9,422.22

MISCELLANEOUS

3872	Edwin J. Acker	6.00
3873	Louise Brewsaugh	140.86
3874	Nick Caluti	128.26
3875	Francis X. Cannaday	52.00
3876	Marjorie K. Chomiak	151.71
3877	Sherman S. Coustock	40.00
3878	Russell C. Cutter	76.00
3879	Ruth M. Darde	123.20
3880	Ruth Dubois	79.84
3881	Mildred Earl	142.61
3882	Mildred Essary	147.01
3882	Agnes Greenaway	151.71
3884	Herbert E. Gunderson	50.00
3885	Harriet J. Hanson	139.01
3886	Viola M. Jameson	126.35
3887	Joan J. Jenkins	147.31
3888	E. A. Kehn	133.33
3889	Rosemary Knox	123.20
3890	Thomas, Marvin	130.81
3891	Jean J. Norem	151.71
3892	Ruth Radojits	128.60
3893	Dorothy J. Rae	65.60
3894	Robert J. Richards	10.20
3895	Nelda Sandidge	147.01
3896	Floyd J. Williams	83.00
3897	Leo E. Wilson	130.80
3960	Frank P. Thoseth	18.00

TOTAL MISCELLANEOUS PAYROLL

2,824.13

STUDENT HELP

3898	H. A. Armstrong	26.00
3899	Dick Bench	12.35
3900	Samuel D. Ayres	17.55
3901	Matt Brady	.98
3902	Harry L. Brown	20.31
3903	Karl K. Brown, Jr.	7.80
3904	John T. Burnett	31.20
3905	Burton E. Coles, Jr.	14.95
3906	L. Stevens Conder	19.50
3907	James R. Cross	13.00
3908	Wm. F. Dukes	25.68
3909	Charles J. Dunn, III	11.70
3910	Robert H. Dunwoody	18.85



SCHOOL OF MINES TAX FUND

3911	Jack F. Earl	13.65
3912	Robert R. Edison	9.75
3913	Marvin H. Estes	6.50
3914	Frederick W. Elton	2.60
3915	William H. Everett	9.75
3916	Paul J. Fouret	14.95
3917	Burton S. Goldberg	9.75
3918	Albert E. Grass	19.50
3919	Ross A. Harris	40.95
3920	Haul W. Grout	.98
3920	Dexter C. Hatch	13.00
3922	Louis Hirsch	19.50
3923	Paul A. Hodges	29.24
3924	Hostetter, Wm. N.	6.50
3925	Thomas A. Hoy	15.60
3926	Robert E. Johnson	18.85
3927	Harry C. Kent	16.25
3928	C. W. Kerns	18.20
3929	Richard L. Klebe	19.50
3930	Norman Kern	19.50
3931	Louis L. Manders	19.50
3932	P. L. Lawrence	43.55
3933	John P. Lockridge	19.50
3934	James Love	5.20
3935	Robert W. Meader	26.97
3936	Robert L. Menk	13.65
3937	John D. Mitilineos	6.50
3938	David P. Morse	22.10
3939	Larry E. O'Brian	11.70
3940	Robert B. Owen	45.50
3941	George W. Parker	5.10
3942	F. T. Quiett	25.35
3943	Vincent Rex	6.50
3944	Joe W. Rickman	73.95
3945	David A. Rowland	10.40
3946	Robert B. Shaller	24.70
3947	Frank E. Siegfroid	7.80
3948	Frank E. Siegfroid	10.40
3949	Maxwell Silverman	23.08
3950	David Siger	19.50
3951	Harvey W. Smith	45.50
3952	Jack G. Sutton	13.00
3953	L. Toman, Jr.	19.50
3954	James H. Warfield	18.85
3955	Wm. M. Webb	43.55
3956	Robert G. Wheeler	29.25
3957	Merton O. Whitlow	17.71
3958	Russell L. Wood	53.30
3959	Richard Zoerb	27.95
3960	See Miscellaneous Payroll	

TOTAL STUDENT HELP PAYROLL

4,038.08

3030	Withholding Tax Account	3,112.90	
3031	Pub. Emp. Retirement Fund	1,420.48	
3032	Colorado Hospital Service	525.30	
3033	Civil Service Emp. Ins.	18.75	
3034	War Bond Account	257.88	48,910.72
3035	State's Share Retirement	1,385.30	50,296.02
TOTAL PAYROLL			48,910.72

#### EXPERIMENTAL PLANT

164	Clair E. Dillon	186.08	
165	R. E. Edredge	214.07	
166	Samuel Gamble	177.03	
167	Emitt R. Maddox	157.98	
168	George T. Naughan	190.13	
169	Consuelo A. Owens	152.11	
TOTAL EXPERIMENTAL PLANT PAYROLL			1,077.40

97	Withholding tax Account	72.40	
98	Public Employes Retirement Fund	33.09	
99	Colorado Hospital Service	18.25	123.74
TOTAL EXPERIMENTAL PLANT PAYROLL			1,201.14

#### SUPPLY VOUCHERS

3036	Owen F. Acers	2,281.86	
3037	Academic Press, Inc.	7.14	
3038	Allis-Chalmers Mfg. Co.	960.92	
3039	American Anthropological Assn.	9.00	
3040	American Metal Market	18.00	
3041	George Banta Publishing Co.	10.43	
3042	Bartch Service & Supply Co.	26.00	
3043	J. Bishop & Co.	20.21	
3044	Fritz Brennecke	72.74	
3045	Wm. V. Burger	51.31	
3046	Arthur Busch	16.00	
3047	Butler Paper Co.	6.90	
3048	California Wiping Material Co.	84.74	
3049	C. E. Card Iron Works Co.	66.68	
3050	Carpenter Paper Co.	30.40	
3051	Chuck's Market	12.65	
3052	Cocks-Clark Engraving Co.	444.18	
3053	Clear Creek Transportation Co.	7.35	
3054	Colorado Central Power Co.	1,588.87	
3055	Colo. Industrial Supply Co.	19.53	
3056	Colo. National Guard	100.00	
3057	Colo. & Southern Rwy. Co.	92.66	
3058	Colo. Tent & Awning Co.	7.62	
3059	Colorado Transcript	101.15	
3060	Continental Oil Co.	47.63	
3061	Craig-Frederick Chevrolet Co.	124.57	
3062	H. M. Crain	50.35	

SUPPLY VOUCHERS

3063	Crane-O'Fallon Co.	57.52
3064	Davis & Davis	11.03
3065	Dale Deane	25.15
3066	Diffenbaugh's Lumber Store	35.61
3067	The Denney Tag Co.	29.92
3068	Denver Bookbinding Co.	269.80
3069	Denver Fire Clay Co.	1,080.24
3070	Denver Towel Supply Co.	89.02
3071	Clair Dillon	15.00
3072	Duvall-Davison Lumber Co.	408.03
3073	Eastman Kodak Stores, Inc.	205.91
3074	Frederick W. Hilton	3.50
3075	Edward G. Fisher	17.37
3076	Foss Drug Co.	93.97
3077	H. L. Foss, Inc.	174.11
3078	Gardner-Denver Co.	125.91
3079	General Chemical Co.	80.89
3080	General Electric Co.	52.00
3081	General Electric X-Ray Corp.	90.44
3082	Golden Service Station	14.39
3083	Graphic Process Service	21.70
3084	Halliburton	41.40
3085	Thomas S. Hayden & Co.	29.00
3086	Hendrie & Bolthoff Co.	372.85
3087	Heusser Instrument Mfg. Co.	15.43
3088	Ideal Laundry	26.99
3089	Interstate Radio & Supply Co.	66.63
3090	Earl Johnson	5.00
3091	Johnson Service Co.	22.05
3092	Kay Dee Co.	71.02
3093	John J. Kelley	37.80
3094	Kellogg's Hardware, Inc.	45.24
3095	W. H. Kistler Co.	102.60
3096	Harry E. Kelsey	1.82
3097	Kendrick-Bellamy Co.	129.37
3098	Koch Bros. Sporting Goods Co.	178.50
3099	Walter H. Koch	9.00
3100	Kehler McLister Paint Co.	92.60
3101	Kuhn & Wagner	30.00
3102	Eugene H. Leaver	14.70
3103	Linde Air Products Co.	10.65
3104	Liquid Carbonic Co.	20.00
3105	C. W. Livingston	14.84
3106	Das Ljungvall	15.00
3107	MacMillian Co., Publishers	14.16
3108	Marshall's Nurseries	208.00
3109	Metal Goods Corp.	65.83
3110	Meyer Hardware & Sporting Goods	29.20
3111	Mine and Smelter Supply Co.	743.87
3112	Montgomery Ward Co.	278.77
3113	Nt. States Tele. & Tele.	340.93
3114	A. C. McClurg & Co.	11.74
3115	Newstrom Davis & Co.	29.27

April 8, 1949

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

3116	Outlet Store, Inc.	9.36
3117	Paleontological Res. Inst.	10.00
3118	Pearless Printing Co.	214.57
3119	Photostat Corp.	63.62
3120	John W. Pickett	13.23
3121	Raymond H. Price	6.30
3122	Public Service Co. of Colo.	381.38
3123	Albert I. Grist	52.44
3124	Remington Rand, Inc.	395.58
3125	CSM Revolving Fund	347.99
3126	Richart Oil News	10.00
3127	Rockwell Manu. Co.	24.93
3128	Sanitary Specialties Co.	92.23
3129	Sears, Roebuck & Co.	9.14
3130	Silver State Printers	100.00
3131	Stearns-Roger Manu. Co.	11,697.79
3132	Strawn's Book Store	37.66
3133	South Denver Coal Co.	1,665.72
3134	The Sutton Co.	18.00
3135	Svens Transfer & Express	69.98
3136	Thomas Publishing Co.	16.21
3137	Underwood Corp.	23.89
3138	Union Supply Co.	97.55
3139	University of Chicago Bookstore	11.50
3140	G. A. Ward	39.50
3141	Whitney Sporting Goods Co.	46.30
3142	Allen I. Williams	3,740.00
3143	Gurnett Swinhauer	27.65
TOTAL SUPPLY VOUCHERS		31,477.20

INDUSTRIAL DEVELOPMENT RESEARCH FUND

155	Denver Sample Log Service	12.62
156	Kendrick-Sellany Co.	31.89
157	Petroleum Information, Inc.	15.00
158	Silver State Printers	18.55
159	Strawn's Book Store	31.22
160	W. B. Wood Co.	250.50

TOTAL ATHLETIC ASSOCIATION FUND 359.78

ATHLETIC ASSOCIATION

0478	Athletic revolving Fund	298.30
0479	Harle Blick	5.00
0480	Harold Brobeck	5.00
0481	CSM Dining Hall	189.70
0482	Colorado Transcript	16.00
0483	Cook Sporting Goods Co.	288.74
0484	Max Cook Sporting Goods	13.20
0485	Olen C. Crockett, D.D.S.	15.00
0486	Charles F. Deuel	9.25

April 8, 1949

ATHLETIC ASSOCIATION FUND

SUPPLY VOUCHERS

0487	Hikmet Dincer	9.25
0488	Roy Essary	6.00
0489	Dr. C. P. Jackson	6.00
0490	Dr. I. Gersh	25.00
0491	Golden Press, Inc.	7.00
0492	Gougar & Todd Sporting Goods Co.	275.90
0493	Lakewood Country Club	100.00
0494	Longs Peak Cafe	38.30
0495	Love & Campbell	150.19
0496	McHitts, Inc.	3.00
0497	Art Malnati, Inc.	1,249.21
0498	Frank M. Monninger	50.70
0499	Dr. Samuel P. Newman	10.00
0500	Paramount Cleaners & Dyers	56.95
0501	Cliff Pemberton	12.00
0502	Ch. V. Peters, D.D.S.	3.00
0503	Raymond H. Price	3.85
0504	David Roberts	9.25
0505	Howard Olson	40.00
0506	Ralco Fabric Co.	10.00
0507	R. W. Rodda	14.25
0508	Strawn's Bookstore	3.42
0509	Swena Transfer & Expense	9.09
0510	Taylor Manufacturing Co.	5.80
0511	Welcker Transfer & Storage Co.	35.00
0512	White Rose Laundry	142.17
0513	Whitney Sporting Goods Co.	81.70
0514	Dr. W. Lloyd Wright	32.00
TOTAL ATHLETIC ASSOCIATION FUND		3,179.22

April 8, 1949

Mr. Steinhauer presented the following financial statements, which were reviewed and accepted: Summary of Budget Appropriations and Disbursements No. 9 for the period ending March 31, 1949, the Balance Sheet as of March 31, 1949, and the Dining Hall Statement of Profit and Loss for the month of March, 1949.

Mr. Harrison stated that because his appointment as a member of the Board of Trustees had expired he felt that it was essential that he be relieved from his duties as president of the Board, and requested that his resignation from that office be accepted immediately. The other members of the Board reluctantly accepted Mr. Harrison's resignation from office. Upon motion by Dr. Vanderwilt, seconded by Mr. Stockmar and carried, Mr. Thomas was elected President and Dr. Vanderwilt was elected Vice President of the Board, each to hold office until the regular election of officers at the next biennial meeting.

It was recommended by Mr. Steinhauer that the Board request the transfer of \$403,860.26 from the Mineral Leasing Act Fund to the Tax Fund and the subsequent transfer of \$328,667.49 from the Tax Fund to the Mill Levy Building Fund, there to be earmarked for physical facilities for Petroleum Engineering. After a lengthy consideration of this matter, it was decided to defer further consideration until another meeting.

A statement of the account of the Mill Levy Building Fund as of March 11, 1949, was presented and the present status of the building program and building plans were discussed.

Dr. Vanderwilt stated that Mr. Arthur D. Storke was expected to be in Denver in the near future, at which time Mr. Storke would probably make inquiry concerning developments in connection with the offer of Climax Molybdenum Company to make a contribution toward the cost of the new Chemistry Building. It was the consensus of the Board that Dr. Vanderwilt and President Parker should lay all of the facts concerning the building program and building funds before Mr. Storke, if the opportunity was presented.

The members of the Board then recessed for lunch at the School Dining Hall. After lunch the Board reconvened in President Parker's office. Mr. Steinhauer did not return to the meeting.

President Parker stated that further studies of dormitory financing and operation indicated that it probably would not be possible to amortize the dormitory building under current costs unless a substantial portion of the dormitory maintenance and operation charges were absorbed by the general operating budget of the School. He stated that such underwriting of a part of the expense of dormitory maintenance and operation is a common academic practice, but that he would not recommend a similar policy

for the Colorado School of Mines unless specific authorization for such practice was first obtained from the Attorney General. He recommended that, if further consideration is to be given to dormitory financing at this time, an opinion regarding the underwriting of some of the maintenance and operation expense be requested from the Attorney General. It was the consensus of the Board that this opinion should not be requested at this time.

Mr. Robert K. Fuller, architect, then entered the meeting and presented the following bids of contractors offering to undertake the remodeling of the old Heating Plant Building, which were submitted at the public opening of bids held on March 30, 1949, in Room 147-A, Guggenheim Hall:

GENERAL CONTRACT

Folsom Construction Co.	Denver	\$124,125.00
Platt Rogers, Inc.	"	129,500.00
Wendell T. Hedgecock	"	117,835.00
Johns Engineering Co.	"	125,500.00
Nowstrom-Davis & Co.	"	125,678.00

PLUMBING AND HEATING CONTRACT

H. T. Crabb Plumbing & Heating Co.	Denver	\$ 13,930.00
Bell Plumbing & Heating Co.	"	12,635.00
Johnson & Davis Plumbing & Heating Co.	"	14,950.00
Midwest Plumbing & Heating Co.	"	15,639.00
McCarty-Johnson Plumbing & Heating Co.	"	14,833.00
George F. Adams Heating Co.	Wheat Ridge	13,523.00

Mr. Fuller stated that in each case the low bidder had complied with all requirements. Upon motion by Mr. Harrison, seconded by Dr. Vandervilt and unanimously carried, the bid of the Bell Plumbing & Heating Co. in the amount of \$12,635 for the Plumbing and Heating Contract and the bid of Wendell T. Hedgecock in the amount of \$117,835 for the General Contract were accepted by the Board and the contracts executed on behalf of the Colorado School of Mines by Mr. Lester C. Thomas, President of the Board of Trustees, and Dr. John W. Vandervilt, Secretary of the Board.

Mr. Fuller then left the meeting.

Upon the recommendation of President Parker, it was moved by Mr. Steckner, seconded by Mr. Harrison and unanimously carried, that the recommendations for graduation and degrees contained in Dean W. I. Siger's letters of April 1 and April 5, 1949, addressed to the Faculty be accepted.

A lease dated June 1, 1949, between the Military Department, State of Colorado, and the Colorado School of Mines for the leasing of a portion of the Armory Building in Golden was presented. Upon motion by Dr. Vandervilt, seconded by Mr. Harrison and unanimously passed, this lease was approved by the Board and executed on behalf of the Colorado School of Mines by Mr. Lester C. Thomas, President of the Board of Trustees, and Dr. John W. Vandervilt, Secretary of the Board.

A letter from Mr. Peter B. Bike, a student, dated March 4, 1949, addressed to the Board of Trustees, requesting consideration of residence status was presented. After consideration of the pertinent facts as given, it was moved by Mr. Harrison, seconded by Mr. Stockmar and unanimously carried that Mr. Bike's request for a change in residence status be denied.

President Parker presented a recommendation of the Scholarship Committee, dated April 5, 1949. Upon the recommendation contained in that report, it was moved by Mr. Harrison, seconded by Dr. Vanderwilt and unanimously passed, that five additional scholarships be available to the Alumni Association, effective at the beginning of the academic year 1949-50; these scholarships to have the same value and to be awarded on the same basis as the Alumni Scholarships now in effect.

President Parker stated that Dr. F. M. Van Tuyl had recommended to the Curriculum Committee that the Department of Geophysics be given the status of an independent, degree-granting department and that an undergraduate degree in Geophysical Engineering be established. He further stated that the Curriculum Committee had approved this recommendation on January 13, 1949. Upon motion by Mr. Harrison, seconded by Mr. Stockmar and unanimously carried, this change in the Department of Geophysics was approved, effective as of September, 1949.

President Parker presented an outline for a health, accident, and hospitalization plan as proposed by a committee of students. This plan was discussed and action deferred pending receipt of more specific recommendations from the student committee.

President Parker stated that the School had been requested to rent a gravimeter for use outside of the State of Colorado, during a three-week period in the summer of 1949. It was the consensus of the Board that the extensive use of school-owned equipment for commercial purposes should be discouraged except under conditions of emergency, and that the request for the rental of this gravimeter could not be approved.

The meeting then adjourned.

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Secretary



Golden, Colorado  
May 13, 1949

The Board of Trustees met in regular session on May 13, 1949, at 10:00 A.M., at the President's Office, Colorado School of Mines, Golden, Colorado.

Present: Messrs. Bowen, Harrison, Stockmar, Thomas, and Vanderwilt.

Absent: No members.

President Parker attended the meeting.

The minutes of the regular meeting of April 8, 1949, were read and approved.

Bills against the SCHOOL OF MINES U.S. MINERAL LEASING ACT FUND, the EXPERIMENTAL PLANT FUND, the SCHOOL OF MINES TAX FUND, the ATHLETIC ASSOCIATION FUND, the INDUSTRIAL DEVELOPMENT RESEARCH FUND PROJECT NO. 1115-U, the INDUSTRIAL DEVELOPMENT RESEARCH FUND, and the MILL LEVY BUILDING FUND were read, audited and allowed as follows:

SCHOOL OF MINES  
U.S. MINERAL LEASING ACT FUND

FACULTY

660	William C. Aitkenhead	\$407.70
661	Wilburn F. Anderson	236.63
662	James L. Atteberry, Jr.	215.06
663	Henry A. Babcock	252.29
664	James O. Ball	387.20
665	Clark F. Barb	387.55
666	Robert L. Baugh	185.00
667	Victor W. Bauman	223.98
668	Robert A. Baxter	307.87
669	Bernice Bowen	257.29
670	Keith E. Bowen	223.50
671	Fritz S. Brennecke	361.15
672	John C. Brummel	203.69
673	Arthur W. Buell	236.99
674	H. Dean Burdick	257.57
675	William V. Burger	283.26
676	Frank R. Campbell	250.86

May 13, 1949

U.S. MINERAL LEASING FUND

677	C. B. Carpenter	275.95
678	F. H. Carpenter	272.55
679	Robert H. Carpenter	269.60
680	Wm. J. Chapin	228.98
681	F. F. Clark	232.48
682	John M. Coke	285.07
683	Wm. A. Colburn	206.76
684	George S. Cook	283.29
685	H. F. Coolbaugh	457.00
686	H. B. Corbin	291.45
687	Albert J. Cornish	278.59
688	H. M. Crain	392.04
689	Wm. B. Cramer	318.47
690	H. O. Davidson	248.60
691	Joseph E. Davies	279.69
692	Walter E. Duske	277.42
693	A. E. Erickson	225.64
694	James R. Everett	304.71
695	Edward C. Fisher	322.51
696	D. D. Flanders	306.72
697	H. E. Fletcher	263.44
698	John W. Gabelman	80.10
699	Harvin C. Gardels	207.49
700	E. S. Geissler	244.37
701	A. V. Goyne, Jr.	206.76
702	Donald C. Gregg	207.49
703	James E. Haff	211.95
704	John C. Hagen	144.20
705	L. W. Hartkemeier	303.81
706	Ivan L. Hebel	336.06
707	J. A. Heeren	283.29
708	George W. Hein	229.24
709	K. S. Herross	203.17
710	Ralph C. Holmer	229.18
711	W. W. Howe	338.71
712	Mary E. Hoyt	219.34
713	H. B. Jacobs	218.49
714	George W. Johnson	220.58
715	J. Harlan Johnson	318.76
716	D. C. Johnston	287.99
717	Wm. H. Journey	326.46
718	John H. Karamigios	166.39
719	Paul H. Keating	239.31
720	A. H. Keenan	312.44
721	John J. Kelley	324.21
722	T. A. Kelly	315.35
723	Harry E. Kelsey	281.15
724	Truman H. Kuhn	311.88
725	John W. Lantow	207.59
726	H. H. Leaver	223.50
727	G. W. LeMaire	251.91
728	Leslie W. LeRoy	313.90
729	Wm. S. Levings	220.28
730	A. H. Lindley, Jr.	199.19
731	C. W. Livingston	387.46

U.S. MINERAL LEASING FUND

732	V. Allan Long	332.16
733	T. E. McPherson	240.52
734	Warren J. Mason	220.58
735	W. D. Matser	257.29
736	G. T. Meredith	295.93
737	Wm. M. Mueller	231.68
738	Carl G. Nordquist	223.36
739	Robert D. Osborn	284.45
740	Ben N. Parker	614.78
741	T. E. Paynter	269.56
742	Robert T. Phelps	191.91
743	A. L. Pierce	204.28
744	H. D. Preston	177.38
745	A. L. Roe	162.85
746	Stanley Raichert	228.88
747	H. M. Rickmann	294.56
748	Paul A. Rodgers	225.93
749	F. K. Sabott	112.93
750	G. W. Salzer	356.95
751	G. E. Schade	232.18
752	H. K. Short	250.81
753	H. I. Signer	426.24
754	F. E. Salley, Jr.	128.88
755	Fred T. Smith	225.08
756	H. C. Smith	291.91
757	S. L. Smith	236.07
758	Gladys V. Sparr	194.47
759	Charles W. Starks	224.04
760	Gurnett Steinhauer	406.19
761	W. A. Stewart	218.24
762	H. E. Stommel	237.97
763	Frederick Straus	75.50
764	A. S. Van Tine	220.58
765	F. M. Van Tuij	360.20
766	Warren R. Wagner	280.36
767	L. S. Ward	357.82
768	A. P. Wickmann	115.36
769	Virginia Lee Wilcox	185.65
770	Art Williams	225.64

TOTAL FACULTY PAYROLL

29,937.22

CIVIL SERVICE

771	Holoras J. Alderman	150.55
772	George B. Atkinson	164.05
773	C. A. Bacon	154.80
774	Stanley Bittle	132.32
775	W. F. Bridges	169.20
776	Harold V. Brobeck	173.29
777	Irene L. Brown	166.85
778	Wm. D. Caldwell	134.87
779	Nick Calati	127.32

May 13, 1949

U.S. MINERAL LEASING ACT FUND

780	George H. Carns	126.10
781	Engra M. Childers	171.77
782	J. L. Cooper	146.80
783	David H. Davidson	168.87
784	Carsen L. Doss	280.55
785	Stirling L. Dryden	154.40
786	Ann H. Dukes	185.85
787	Fred D. Easley	183.35
788	Marie J. Graves	132.32
789	Robert E. Gibson	134.87
790	Bert F. Harrison	155.97
791	L. J. Hartmann	154.62
792	Doris P. Haynes	159.47
793	C. G. Hemberger	224.14
794	J. J. Hemberger	220.00
795	Chester P. Herr	149.57
796	Violet E. Horning	166.81
797	Earl L. Johnson	179.85
798	Edward Lange	162.10
799	William Lee	159.15
800	Donald Ljungvall	169.11
801	Fred Ljungvall	179.76
802	Edward S. Maddox	134.87
803	Charles Merchand	179.85
804	O. F. Naughtan	197.10
805	Chris Nester	166.64
806	Lois K. Note	159.47
807	Harice C. Nelson	134.87
808	Clarence Nicholls	222.54
809	M. F. O'Neill	188.94
810	John W. Fickthall	226.55
811	Dorothy J. Frouse	144.40
812	Jacob T. Pyle	154.82
813	Stanley Ratajesyk	149.57
814	James H. Rich	163.61
815	Robert H. Richards	188.90
816	Rose Marie Rowe	144.40
817	Elinor C. Ryan	162.92
818	Ruth M. Sackett	127.12
819	Albert E. Simpson	165.51
820	James Smith	195.70
821	Mary C. Son	182.04
822	Gustaf P. Stalgren	149.57
823	Myrtle H. Stephens	150.55
824	Leslie H. Talbert	161.45
825	Charles S. Thomas	149.57
826	Wm. F. Tobin	220.75
827	Louise H. Waters	147.64
828	A. G. Webster	173.19
829	Mary H. Wilgarson	164.97

TOTAL CIVIL SERVICE

9,868.19

U.S. MINERAL LEASING ACT  
MISCELLANEOUS

830	George W. Allmendinger	64.00
831	Louise Breunlich	150.35
832	Silla Jean Charon	79.70
833	Marjorie K. Chosick	156.50
834	Ruth M. Darde	139.70
835	Jane Dubois	156.80
836	Mildred S. Easary	156.50
837	Agnes S. Greenaway	161.20
838	Arthur J. Gude, III	62.00
839	Herbert E. Gunderson	50.00
840	Harriett J. Hanson	148.50
841	Viola M. Jameson	76.00
842	Joan D. Jenkins	156.80
843	H. A. Kohn	133.33
844	Rosemary Koor	146.15
845	Sally R. McMurrin	156.80
846	Thomas Harvin	140.30
847	S.W.A. Marayan	66.80
848	Jean J. Boren	161.20
849	Ruth Malejits	166.40
850	Marie E. Rhine	32.00
851	Robert J. Richards	11.05
852	Harold E. Rindon	153.60
853	Edward E. Rue	90.00
854	Nelda Sandidge	156.50
855	James L. Simpson	41.60
856	Frank R. Sterling	12.80
857	Frank P. Trost	72.20
858	F. J. Williams	44.00
859	Leo E. Wilson	219.00
TOTAL MISCELLANEOUS PAYROLL		3,343.83

STUDENT HELP

860	Harold A. Armstrong	11.05
861	Robert W. Arrendiell	16.90
862	Samuel D. Ayres	12.03
863	William D. Baker	39.00
864	Harry L. Brown	19.83
865	Karl K. Brown, Jr.	7.80
866	John T. Burnett	13.65
867	Burton H. Coles, Jr.	7.80
868	L. Stevens Conder	19.50
869	H. W. Copeland	23.40
870	James H. Cross	9.75
871	John F. Dempsey	22.00
872	William F. Dukes	9.75
873	Robert H. Edison	9.75
874	Harvin H. Estes	7.80
875	Paul J. Fouret	14.30
876	Burton S. Goldeberg	13.00
877	Albert H. Grass	19.50

U.S. MINERAL LEASING FUND

878	Tom Grigoby	6.83	
879	Roas A. Harris	31.20	
880	Dexter C. Hatch	13.00	
881	Paul A. Head	7.80	
882	Louis Hirsch	19.50	
883	Paul A. Hodges	19.50	
884	Thomas Hoy	9.43	
885	Lyle H. Jenkins	9.75	
886	Robert E. Johnson	20.15	
887	Harry C. Kent	18.83	
888	C. W. Kerns	19.50	
889	Richard L. Klebe	19.50	
890	Norman Korn	19.50	
891	Louis L. Landers	19.50	
892	Philip L. Lawrence	14.93	
893	John F. Lockridge	19.50	
894	James Love	19.50	
895	Robert W. Mander	24.38	
896	Robert L. Hank	19.83	
897	George E. Morehouse	23.40	
898	Larry E. O'Brian	11.70	
899	Robert B. Owen	51.35	
900	George W. Parker	3.90	
901	Edward S. Ryan	39.00	
902	Robert E. Schaller	11.70	
903	Joseph Siegelman	19.50	
904	Frank R. Siegfried	17.55	
905	Maxwell Silverman	16.25	
906	David Singer	19.50	
907	Jack G. Sutton	19.50	
908	James E. Warfield	20.80	
909	William M. Webb	20.15	
910	Herton O. Whitlow	20.15	
911	Russell L. Wood	11.70	
912	Richard Zeeb	26.65	
TOTAL STUDENT HELP PAYROLL			971.78
28	Withholding Tax Account	3,204.00	
29	Pub. Emp. Retirement Fund	1,525.54	
30	Colo. Hospital Service	5 28.93	
31	Civil Service Emp. Ins.	18.95	
32	War Bond Account	<u>257.88</u>	5,535.30
33	State's Share Retirement	1,427.53	51,043.85
TOTAL PAYROLL			49,656.32

EXPERIMENTAL PLANT

170	Clair E. Dillon	195.17	
171	R. B. Eldredge	221.59	
172	Kennel Gamble	190.20	
173	Emmitt R. Maddox	165.87	
174	George T. Naughtan	189.42	
175	Constance A. Green	161.60	1,126.85
101	Withholding Tax Account	79.60	
102	Pub. Imp. Retirement	34.40	
103	Colorado Hospital Service	18.25	132.25
TOTAL EXPERIMENTAL PLANT PAYROLL			1,259.10

SCHOOL OF MINES TAX FUND  
SUPPLY VOUCHERS

3144	Owen F. Agers	274.58
3145	Addressograph-Multigraph Corporation	17.23
3146	H. W. Ayer & Sons	25.00
3147	George Banta Publishing Company	6.75
3148	Barnett Company	449.00
3149	Bear Frame & Axle Service Company	15.02
3150	G. H. Buckman	29.25
3151	William V. Burger	83.75
3152	Surrell Technical Supply Company	18.00
3153	Burstein-Applabee Company	26.69
3154	Centennial School Supply Company	41.00
3155	Central Scientific Company	119.79
3156	Central Electric Supply Company	158.22
3157	Chemical Publishing Company	26.53
3158	Chemical Sales Company	14.26
3159	Frank Cimaglia	5.75
3160	Clear Creek Transportation	5.24
3161	Cocks-Clark Engraving Company	762.74
3162	Colorado Badge & Novelty Company	18.50
3163	Cancelled See No. 3162	
3164	Colorado Brass Foundry Company	10.50
3165	Colorado Cooperage Works	17.90
3166	Colorado Transcript	7.80
3167	CSM Dining Hall	18.70
3168	H. H. Grain	36.62
3169	Colorado & Southern Railway Co.	57.79
3170	Continental Oil Company	56.22
3171	Colorado Central Power Company	1,526.38
3172	Crane-O'Fallon Company	15.03
3173	Dale Deane's Home Movie Sales Agency	28.38
3174	Davison-Koch Furniture Company	42.75
3175	Denver Bookbinding Company	434.79
3176	Denver Fire Clay Company	1,279.99
3177	Denver Fossil Supply Company	108.62
3178	Clair Dillon	15.00
3179	Duvall-Davison Lumber Company	368.28
3180	Eastman Kodak Stores Inc.	94.92
3181	Edmund Salvage Company	19.45

SCHOOL OF MINES TAX FUND

3182	Egan Printing Company	60.00
3183	Eiser & Amend	12.00
3184	Eutectic Welding Alloys Corporation	94.15
3185	H. L. Foss, Incorporated	159.43
3186	Frankel Carbon & Ribbon Company	148.20
3187	Garfield & Park	25.00
3188	Golden Motors, Inc.	7.36
3189	Heabler Sheet Metal Shop	54.80
3190	Julius A. Heeren	16.58
3191	Headrie & Balthoff Company	6.72
3192	Herbann & Safeman Inc.	51.80
3193	K. S. Harness	38.80
3194	Ralph C. Kolser	56.67
3195	Mary E. Hoyt	9.53
3196	Charles H. Hall	206.00
3197	Ideal Laundry	56.94
3198	Innis, Spalden & Company	18.00
3199	Inesco Company, Inc.	6.75
3200	Inter-science Publishers, Inc.	13.70
3201	Interstate Radio & Supply Company	135.43
3202	Jerrall-Ash Company	28.42
3203	J. Harlan Johnson	22.00
3204	Kellogg's Hardware Inc.	29.84
3205	Kenrick-Sellany Company	239.12
3206	W. H. Kistler Company	80.03
3207	Kohler McLister Paint Co.	69.42
3208	Truman H. Kuhn	11.00
3209	L. W. LeHay	18.90
3210	Linde Air Products Company	23.94
3211	A. H. Lindley, Jr.	21.98
3212	Don Ljungvall	15.00
3213	E. J. Salovich	178.52
3214	Hayhoe Machine & Supply Company	55.15
3215	McCarty-Johnson Plumbing & Heating	2,340.00
3216	Metal Goods Corporation	62.83
3217	Meyer Hardware & Sporting Goods	73.33
3218	Mine and Smelter Supply Company	180.07
3219	Mine Safety Appliances Co.	48.00
3220	Mines Supply Company	5.73
3221	Morse Brothers Machinery Company	5.20
3222	Monroe Calculating Machine Company	56.33
3223	Montgomery Ward & Company	12.55
3224	Moore Hardware and Iron Company	7.32
3225	Mountain & Plain Paint Company	70.11
3226	National Guard	100.00
3227	Mountain States Tele. & Telegraph	328.62
3228	Fred Henschel Garage	31.30
3229	Hock & G. Reid Elevator Co.	23.76
3230	E. L. Neal	23.23
3231	Office Equipment Company	42.53
3232	Ben H. Parker	319.56



SCHOOL OF MINES TAX FUND

3233	Paul Parker	6.00
3234	Frank Paxton Lumber Company	191.74
3235	Pearl-Friedland Company	75.00
3236	Peerless Printing Company	6.50
3237	Phillips Petroleum Company	16.25
3238	John W. Pickettball	13.37
3239	Pitman Publishing Company	12.32
3240	Raymond G. Price	13.65
3241	Public Service Company of Colorado	399.40
3242	A. D. Radinsky & Sons	9.00
3243	Remington Rand Inc.	63.13
3244	Revolving Fund	392.34
3245	Robson Lumber Company	29.38
3246	Hockwell Manufacturing Company	10.19
3247	Royal Typewriter Company, Inc.	25.00
3248	Sanitary Specialties Company	192.50
3249	Silver Engineering Works, Inc.	41.00
3250	Silver State Printers	165.75
3251	Society of Automotive Engineers, Inc.	10.00
3252	South Denver Coal Company	1,807.49
3253	Stearns-Roger Mfg. Company	35.51
3254	Stechert-Hafner Inc.	21.38
3255	Gurnett Steinhauer	12.74
3256	H. E. Stommel	56.32
3257	Strom's Book Store	55.94
3258	Swena Transfer & Express	129.77
3259	Sysons Clamp & Mfg. Company	105.00
3260	Underwood Corporation	26.16
3261	Union Pacific Railroad Company	106.20
3262	United Motors Service	16.70
3263	Universal Scientific Company	113.36
3264	University of Illinois	11.79
3265	Wards Nat. Science Establishment, Inc.	11.45
3266	Waukesha Motor Company	6.31
3267	Williams Brothers	136.50
3268	Muriel S. Walle	6.50
3269	Worthington Pump & Machinery Corp.	120.25
3270	Dr. Lloyd Wright	2,246.00

TOTAL SUPPLY VOUCHERS

19,262.62

ATHLETIC ASSOCIATION

0516	Harold Brobeck	5.00
0517	Gene Hudson	17.09
0518	Jimmies Shoe Shop	4.45
0519	John McLellan	14.00
0520	Frank E. Menninger	32.40
0521	Ferna-Vue Plastics	.40
0522	Robert T. Phelps	16.41
0523	Saint Anthony Hospital	35.20

TOTAL ATHLETIC ASSOCIATION

124.95

INDUSTRIAL DEVELOPMENT RESEARCH FUND PROJECT 1115-2

SUPPLY VOUCHERS

1	George G. Argall, Jr.	1,200.00	
	TOTAL IND. DEV. RES. FUND PROJECT 1115-2		1,200.00

INDUSTRIAL DEVELOPMENT RESEARCH FUND

161	Warneke Paper Box Company	182.12	
162	Cardwell Blue Print & Supply Company	20.99	
163	Denver Sample Log Service	31.63	
164	Kellogg's Hardware	1.35	
165	Strasen's Book Store	8.10	
	TOTAL IND. DEV. RES. FUND		244.19

BILL LEVE BUILDING FUND

30	Scott Brothers Electric Company	1,459.37	
31	McCarty Johnson P. & H. Company	17,287.91	
32	Newstrom-Davis & Company	5,109.83	
	TOTAL BILL LEVE BUILDING FUND		23,857.11

President Parker presented the following financial statements, which were discussed and accepted: Summary of Budget Appropriations and Disbursements No. 10 for the period ending April 30, 1949, the Balance Sheet as of April 30, 1949, the Dining Hall Statement of Profit and Loss for the month of April, 1949, and the Colorado School of Mines Financial Statement for the Period July 1, 1946 to June 30, 1948.

The Board then recessed for lunch at the School Dining Hall after which it reconvened in President Parker's office.

The Board gave lengthy consideration to Faculty salary rates and made a careful study of comparative statistics showing the Faculty salary rates at the School and at other comparable institutions, which had been assembled by President Parker. After consideration of these figures, President Parker recommended the following salary rates to become effective for the 1949-50 academic year. Upon motion by Mr. Harrison, seconded by Mr. Bowen and unanimously carried, this schedule was approved:

Salary Rates for

Faculty and Administrative Staff

<u>Position</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Annual Increase for each year of service after 1949-50</u>
Instructors	\$2400	\$3500	\$ 75
Assistant Professors	3200	4200	100
Associate Professors	3900	5000	100
Professors	5100	5100	
Professor and Head of Non-degree-granting Departments	4600	6500	\$100 until maximum of \$6500 is reached. Increment thereafter to be based on merit.
Professor and Head of Degree-granting Departments	5200	7500	\$100 until maximum of \$6500 is reached. Increment thereafter to be based on merit.
P-1 Assistant Librarian	2400	3100	\$ 75
President's Secretary	2400	3100	75
P-2 Assistant Director of Development & Planning	2800	3500	75
Chemistry Stockroom Clerk	2300	3500	75
Veterans' Counselor	2800	3500	75
P-3 Librarian	3200	4100	100
P-4 Superintendent of Buildings and Grounds	3600	4500	100
Assistant Business Manager	3600	4500	100
Manager, Dining Hall	3600	4500	100
Business Manager, Athletics	3600	4500	100

May 13, 1949

Salary Rates for  
Faculty and Administrative Staff (Continued)

<u>Position</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Annual Increase</u> <u>for each year of</u> <u>service after</u> <u>1949-50</u>
P-5 Associate Director of Experimental Plant	\$4000	\$5000	\$100
Director of Development and Planning	4000	5000	100
Director of Admissions and Registrar	4000	5000	100
P-6			
P-7 Director of Experimental Plant	5200	6600	100
Director of Publications	5200	6600	100
P-8 Dean	6000	7600	100
Business Manager	6000	7600	100

Pursuant to the new salary rates adopted, President Parker recommended the approval of Faculty contracts for the 1949-50 academic year in accordance with the following list:

Atteberry, James L. Jr. Instructor in English	\$3162
Babcock, Henry A. Assistant Professor of Civil Engineering	3630
Ball, James C. Professor of Petroleum Refining Engineering and Head of Department	6050
Barb, Clark F. Professor of Petroleum Production Engineering and Head of Department	6050
Baugh, Robert L. Laboratory Assistant in the Department of Electrical Engineering	2722
Beuman, Victor W. Instructor in Mathematics	3327
Baxter, Robert A. Associate Professor of Chemistry	4752
Bowen, Keith E. Instructor in Physical Education	3362
Brennecke, Frits S. Director of Athletics and Head Football Coach	5390
Buell, Arthur W. Instructor in Petroleum Production Engineering	3492

Burdick, H. Dean Assistant Professor of Chemistry	\$3740
Campbell, Frank R. Assistant Professor of Mechanical Engineering	3850
Carpenter, Clark B. Professor of Metallurgical Engineering and Head of Department	6050
Carpenter, Frederick M. Assistant Professor of Mathematics	4070
Carpenter, Robert H. Assistant Professor of Geology	4070
Chapitis, William J. Instructor in English and Modern Languages	3465
Clark, Franklin F. Instructor in Chemistry	3327
Coke, John H. Associate Professor of Descriptive Geometry and Engineering Drawing	4400
Colburn, William A. Instructor in Physics	3162
Cook, G. S. Associate Professor of Mathematics	4200
Cornish, Albert J. Assistant Professor of Chemistry	4200
Cramer, William B. Associate Professor of Metallurgical Engineering	5000
Davies, Joseph Assistant Professor of Physical Education	4180
Duske, Walter H. Associate Professor of Chemistry	4400
Erickson, Arthur K. Instructor in Civil Engineering	3500
Everett, James R. Professor of Mathematics	5100
Fisher, Edward G. Professor of English and Head of Department	5170
Flanders, Dalton D. Professor of Economics and Head of Department	4600

Fletcher, Hilbert E. Assistant Professor of Electrical Engineering	\$4180
Fraser, George D. Instructor in Geology	2950
Gardels, Marvin C. Instructor in Chemistry	3245
Geissler, Hugo H. Assistant Professor of Petroleum Refining Engineering	3740
Goyne, Arlie V., Jr. Instructor in English	3162
Gregg, Donald C. Instructor in Geology	3162
Haff, James E. Instructor in Mathematics	3382
Hartkemeier, L. W. Associate Professor of Chemistry	4620
Hebel, Ivan L. Professor of Mathematics and Head of Department	5280
Heeren, Julius A. Assistant Professor of Petroleum Production Engineering	4200
Hein, George W. Assistant Professor of Mining Engineering	3630
Herness, K. S. Instructor in Geology	3052
Holzer, Ralph C. Instructor in Geophysics	3327
Howe, W. Warren Professor of Chemistry	5100
Jacobs, E. B. Assistant Professor of Chemistry	3630
Johnson, George W. Assistant Professor of English	3327
Johnson, J. Harlan Professor of Geology and Curator of Museum	5100
Jurney, William H. Associate Professor of Mathematics	4620
Karamigios, John M. Instructor in Physical Education	3245

Keating, Paul H. Assistant Professor of Geology	\$3850
Koeman, Albert H. Associate Professor of Mining Engineering	4940
Kehn, E. A. Band Director (Part-time basis)	1300
Kelly, T. A. Professor of Civil Engineering and Head of Department	5390
Kuhn, Truman H. Associate Professor of Geology	4510
Lantow, John W. Instructor in Mechanical Engineering	3245
LeMaire, George W. Associate Professor of Petroleum Refining Engineering	3900
LeRoy, L. W. Associate Professor of Geology	4730
Levings, William S. Instructor in Geology	3327
Lindley, A. H., Jr. Instructor in Mining Engineering	3245
Livingston, Clifton W. Professor of Mining Engineering and Head of Department	5940
Long, V. Allan Professor of Physics and Head of Department	5280
Nason, Warren J. Instructor in Physics	3327
Mateer, W. D. Assistant Professor of Geology	4180
McPherson, T. B. Instructor in Civil Engineering	3437
Marideth, George T. Associate Professor of Physics	4510
Mueller, William H. Instructor in Descriptive Geometry and Engineering Drawing	3327
Nordquist, Carl G. Assistant Professor of Economics	3200
Osborn, Robert B. Assistant Professor of Mathematics	4070

Faynter, Thomas E. Professor of Electrical Engineering and Head of Department	\$4620
Phelps, Robert F. Associate Professor of Metallurgical Engineering	4510
Preston, Ronald D. Assistant Professor of Civil Engineering	3850
Reichert, Stanley Instructor in Geology	3327
Richtmann, W. M. Professor of Mechanical Engineering and Head of Department	5390
Rodgers, Paul A. Instructor in Physics	3245
Sabott, Frederick K. Instructor in Chemistry	3327
Salszer, George W. Professor of Descriptive Geometry and Engineering Drawing and Head of Department	5390
Schade, George E. Instructor in Physics	3327
Short, Harlan E. Associate Professor of Physics	4620
Sailey, Francis E., Jr. Instructor in Civil Engineering	3327
Smith, Fred T. Instructor in Mechanical Engineering	3465
Smith, Morton C. Associate Professor of Metallurgical Engineering	4510
Smith, Sigand L. Assistant Professor of Metallurgical Engineering	3740
Starks, Charles W. Instructor in Chemistry	3245
Stewart, Walter Alan Instructor in Geology	3245
Stommel, Harrison E. Instructor in Geophysics	3500
Straus, Frederick Instructor in German (Part-time basis)	792



Van Tine, Arthur B. Instructor in Geology	63327
Van Tuyl, F. M. Professor of Geology and Head of Department	6050
Wagner, Warren R. Associate Professor of Geology	4510
Ward, Leon S. Professor of Chemistry and Head of Department	5720
Wichmann, Arthur P. Associate Professor of Metallurgical Engineering	4620
Williams, Art Assistant Professor of Physics	3602
Anderson, Wilburn F. Veterans' Counselor	3485
Bowen, Bernice Manager of Dining Hall	4180
Brussel, John G. Chemistry Laboratory Assistant	3245
Burger, William V. Registrar and Director of Admissions	4620
Crain, H. M. Director of Publications and Summer Session	6270
Hoyt, Mary E. Librarian	3630
Johnston, D. C. Business Manager of Athletics	4180
Kelley, John J. Director of Development and Planning	4774
Kelsey, Harry E. Assistant Business Manager	4070
Pierce, A. L. Metallurgy Laboratory Assistant	3201
Rae, A. L. Superintendent of Buildings and Grounds	4202
Signer, M. I. Dean of the Faculty	6820
Sparr, Gladys W. Departmental Assistant	3025

Steinhauer, Burnett  
Business Manager

\$6320

Wilcox, Virginia Lee  
Assistant Librarian

2997.

Upon motion by Mr. Harrison, seconded by Mr. Bowen and unanimously carried, these contracts were approved.

President Parker was then excused from the meeting.

The matter of salary for President Parker was discussed and upon motion by Dr. Vanderwilt, seconded by Mr. Stockmar and passed, President Parker's salary was increased to \$10,200 effective as of September 1, 1949.

President Parker was recalled to the meeting.

Mr. Robert K. Fuller, architect, and Mr. John J. Kelley then entered the meeting.

Mr. Fuller presented revised plans for Dormitory and Dining Hall Buildings and submitted an estimate of \$720,000 for the cost of construction of these structures, in accordance with the revised plans. The plans and construction were discussed at length with Mr. Fuller and Mr. Kelley.

President Parker presented a proposal of Boettcher and Company, Denver, Colorado, dated May 7, 1949, addressed to the Business Manager, regarding dormitory financing. Further consideration was given to the dormitory financing in the light of this proposal. It was the consensus of those present that the proposed dormitory facilities could not be properly financed unless additional equity capital could be obtained or unless a substantial part of the operating expense of the dormitory structures is paid from other than dormitory income. Mr. Stockmar was requested to give further consideration to the legal aspects of dormitory operation wherein all expenses are not paid from dormitory income.

Mr. Kelley was requested to prepare a topographic and ownership map of the two blocks between Fourteenth and Sixteenth Streets immediately west of Maple Street, a portion of which area had been suggested as a possible alternate site for dormitory facilities.

Mr. Fuller and Mr. Kelly then left the meeting.

President Parker stated that he had had some conversations with Mr. Henry Swan, of Denver, regarding the possible loan of the Boettcher gold collection for display at the Railroad Fair to be held in Chicago this year. It was the consensus of the Board that the loan of this collection should be encouraged providing proper safeguards to its safekeeping could be assured.

The question of the transfer of a portion of the income received during the current fiscal period from the Mineral Leasing Act Fund to the Hill Levy Building Fund was discussed. Upon motion by Dr. Vanderwilt, seconded by Mr. Stockmar and unanimously carried, the following resolution was unanimously adopted:

RESOLVED, That the State Controller be requested to transfer and the Governor be requested to approve the transfer from the Mineral Leasing Act funds of the Colorado School of Mines the amount of \$203,860.26 (which is the excess received from the Mineral Leasing Act during the fiscal period over the amount of \$200,000 budgeted for the current fiscal period for the maintenance and operation of the Petroleum Engineering Department) to the Hill Levy Building Fund account of the Colorado School of Mines, there to be earmarked for the provision of physical facilities for the Petroleum Engineering Departments.

President Parker presented a letter from Mr. Franklin J. Weishaupel requesting a refund of tuition for the semester during which he withdrew to enter the armed forces of the United States. It was the consensus of the Board that, in accordance with established procedure, Mr. Weishaupel is not entitled to a refund unless he was drafted and did not volunteer for military duty.

The meeting then adjourned.

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Secretary

Golden, Colorado  
June 10, 1949

Since three members of the Board of Trustees could not attend the regular meeting of the Board scheduled for June 10, 1949, it was not possible to have a quorum for this meeting.

Mr. Stockmar, Mr. Thomas, and President Parker met informally on June 10, 1949, at 10 A.M. at the President's Office, Colorado School of Mines, Golden, Colorado.

Bills against the SCHOOL OF MINES TAX FUND, the EXPERIMENTAL PLANT FUND, the MILL LEVY BUILDING FUND, the INDUSTRIAL DEVELOPMENT RESEARCH FUND, and the ATHLETIC ASSOCIATION FUND were read, audited, and allowed as follows:

SCHOOL OF MINES TAX FUND

FACULTY

3961	William C. Aitkenhead	\$407.70
3962	Wilburn F. Anderson	256.63
3963	James L. Atteberry, Jr.	210.01
3964	Henry A. Babcock	252.29
3965	Franklin W. Baer	305.30
3966	James O. Ball	337.20
3967	Clark F. Barb	337.55
3968	Robert L. Daugh	193.00
3969	Victor W. Bauman	223.93
3970	Robert A. Baxter	307.87
3971	Bernice Bowen	257.29
3972	Keith E. Bowen	223.50
3973	Fritz S. Brennecke	361.15
3974	John C. Brummel	212.19
3975	Arthur W. Duell	233.99
3976	H. Dean Burdick	257.37
3977	William V. Burger	293.26
3978	Frank R. Caspell	250.86

June 10, 1949

SCHOOL OF MINES TAX FUND

3979	C. B. Carpenter	378.95
3980	F. B. Carpenter	272.85
3981	Robert H. Carpenter	260.10
3982	Wm. J. Chappis	228.98
3983	F. F. Clark	232.48
3984	John M. Coke	285.07
3985	Wm. A. Colburn	206.76
3986	George S. Cook	283.29
3987	H. F. Coolbaugh	457.00
3988	H. B. Corbin	98.18
3989	Albert J. Cornish	278.99
3990	H. W. Crain	392.04
3991	Wm. S. Cramer	318.47
3992	H. O. Davidson	248.60
3993	Joseph H. Davies	279.69
3994	Walter H. Dunker	277.42
3995	Arthur K. Erickson	229.64
3996	James H. Everett	304.71
3997	Edward G. Fisher	322.51
3998	D. D. Flanders	306.72
3999	H. H. Fletcher	263.44
4000	John W. Gabelman	80.10
4001	Marvin C. Gardels	207.49
4002	H. S. Geissler	244.37
4003	A. V. Gayne, Jr.	206.76
4004	Donald C. Gregg	207.49
4005	James P. Haff	211.95
4006	John C. Hagen	144.20
4007	L. W. Hartkenciar	309.81
4008	Ivan L. Hebel	336.06
4009	J. A. Heeren	283.29
4010	George W. Hein	229.24
4011	E. S. Herness	203.17
4012	Ralph C. Holmer	229.18
4013	W. W. Hove	336.71
4014	Mary H. Hoyt	219.34
4015	E. H. Jacobs	238.49
4016	George W. Johnson	220.58
4017	J. H. Johnson	318.76
4018	D. C. Johnston	287.99
4019	Wm. H. Jurney	326.46
4020	John H. Karanigios	166.39
4021	Paul H. Keating	239.31
4022	A. H. Keenan	312.44
4023	John J. Kelley	324.21
4024	T. A. Kelly	318.35
4025	Harry E. Kelsey	264.55
4026	T. H. Kuhn	311.88
4027	John W. Lantow	207.49
4028	H. B. Beaver	223.50
4029	George W. LeHaire	251.91
4030	Leslie W. LeRoy	313.90
4031	Wm. S. Levings	228.88
4032	A. H. Lindley, Jr.	199.19

SCHOOL OF MINES TAX FUND

4033	C. W. Livingston	357.46
4034	V. Allen Long	332.16
4035	T. B. McPherson	240.52
4036	Warren J. Mason	220.58
4037	W. D. Katsar	257.29
4038	George T. Merideth	295.93
4039	Wm. H. Mueller	231.68
4040	Carl G. Bordenist	223.36
4042	Ben H. Parker	617.33
4041	Robert B. Osborn	284.45
4043	Thomas E. Paynter	260.56
4044	Robert T. Phelps	291.91
4045	A. L. Pierce	204.28
4046	P. D. Preston	277.38
4047	A. L. Rae	262.85
4048	Stanley Reichert	228.88
4049	W. H. Richtmann	299.56
4050	Paul A. Rodgers	225.93
4051	F. K. Sabott	212.93
4052	George W. Salzer	356.95
4053	George E. Schade	232.18
4054	H. E. Short	250.81
4055	W. I. Signer	426.24
4056	F. E. Smiley, Jr.	228.88
4057	Fred T. Smith	225.08
4058	Horton C. Smith	291.91
4059	S. L. Smith	236.07
4060	Gladys V. Sparr	194.47
4061	Charles W. Starks	224.04
4062	Gurnett Steinhauer	406.19
4063	W. Alan Stewart	218.24
4064	H. E. Stoussel	237.97
4065	Frederick Straus	75.30
4066	A. B. Van Tine	220.58
4067	F. M. Van Tuyl	360.20
4068	Warren H. Wagner	280.36
4069	L. S. Ward	357.82
4070	A. P. Wichmann	315.36
4071	Virginia Lee Wilcox	185.65
4072	Art Williams	225.64

TOTAL FACULTY PAYROLL

30,042.55

CIVIL SERVICE

4073	Dolores J. Alderman	82.46
4074	George S. Atkinson	162.05
4075	C. A. Bacon	154.80
4076	Stanley Bittle	132.32
4077	W. F. Bridges	169.20
4078	Harold V. Brobeck	173.29
4079	Irene L. Brown	166.85
4080	Wm. D. Caldwell	134.87
4081	Nick Calati	132.32

June 10, 1949