

SCHOOL OF MINES TAX FUND

FACULTY PAYROLL - Voucher #1354

618	Sisson, George T.	326.99
619	Sailey, Francis E., Jr.	471.85
620	Starke, Charles W.	446.19
621	Steinhauer, Garnett	776.19
622	Sutherland, Joycelyn	286.27
623	Taylor, Robert J.	344.24
624	Thomas, John C.	319.04
625	Tolos, Chris	380.86
626	Trexler, David W.	422.16
627	Vanderwilt, John W	1,106.83
628	Weimer, Robert J.	438.81
629	Wichmann, Arthur P.	545.62
630	Wilcox, Virginia Lee	555.50
631	Williams, Art	442.09
632	Williams, John T.	472.96
633	Williams, Terrence J.	318.99
634	Wright, Curtis	382.29
635	Wright, W. Lloyd, M.D.	481.64

TOTAL FACULTY PAYROLL

59,364.61

SCHOOL OF MINES TAX FUND

CIVIL SERVICE PAYROLL - Voucher #1355

636	Aldridge, M. Floyd	188.81
637	Bain, Miriam W.	189.84
638	Baker, Thomas J.	307.35
639	Barkedale, Becky A.	209.01
640	Barthel, William Levi	252.72
641	Baxter, Viola	179.93
642	Bednar, Cecelia	206.58
643	Berlin, Avis H.	162.47
644	Billingham, Charles	263.97
645	Elovins, Vera	204.88
646	Bliss, Mary Geneva	219.03
647	Braun, Frank J.	262.38
648	Brill, Edward	263.65
649	Britton, Esther	193.50
650	Brobeck, Harold V.	254.05
651	Brindle, Estel	193.29
652	Bufmak, Frank	223.33
653	Burtlow, Cedric Gene	282.84
654	Bussert, Shirley	221.51
655	Campbell, Russel E.	300.74
656	Carder, Charlotte	191.94
657	Carlson, Phyllis	246.76
658	Carver, Walter B.	219.03
659	Casady, Leonard D.	363.60
660	Caster, Rosalie	215.48
661	Chambers, Paul L.	289.30
662	Childers, Engra M.	299.39
663	Connor, Rex L.	256.45

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CIVIL SERVICE PAYROLL - Voucher #1355

664	Crebtree, John Arrie	268.94
665	Dealey, Clint E.	152.02
666	Dickens, Earl	409.28
667	Diltz, Glenn	266.46
668	Dillon, Dorothy	207.21
669	Dillon, Ross Harold	284.26
670	Dinkmeyer, Elvira E.	283.39
671	Dolan, Francis	324.70
672	Dollar, Claude E.	248.54
673	Donahoe, George W.	268.94
674	Drake, Ollie L.	168.98
675	Dugger, Helen	226.43
676	Dygert, Harold	213.44
677	Easley, Fred D.	339.38
678	Eastin, Dick	222.13
679	Eddleman, Janice C.	224.56
680	Ervin, Madelyn R.	224.56
681	Farmer, Clarence J.	219.03
682	Fortune, William E.	320.65
683	Gallegos, Alfred J.	284.90
684	Gilchrist, Clarence	202.15
685	Godfrey, J. H.	234.93
686	Good, Doris	186.68
687	Goodhead, James W.	170.95
688	Gregory, Clyde G.	348.65
689	Grewal, Martha H.	236.68
690	Haas, Theodore E.	290.15
691	Hader, Albert H.	207.14
692	Hankal, Alma L.	196.43
693	Hansen, Ole E.	211.03
694	Hatfield, John D.	266.32
695	Henberger, Clarence G.	376.43
696	Hofmeister, Edward C.	234.25
697	Hoskins, Raymond	177.41
698	Hewarter, William H.	226.60
699	Hughess, Carl Hall	258.14
700	Jenson, Hendrietta G.	220.51
701	Johnston, Helen	282.55
702	Koch, William O.	166.87
703	Kruger, Richard F.	217.81
704	Kubesh, Josephine	205.70
705	Lamb, Melanee E.	205.48
706	Lange, Edward	324.27
707	Lee, William	312.71
708	Lietz, Rudolph	254.05
709	Ljungvall, Donald	271.39
710	Loving, Orville G.	354.93
711	Handiloff, Dean H.	281.75
712	Handiloff, Vasil C.	233.93
713	Narvin, Thomas	215.88
714	Matthews, Arthur W.	183.01
715	Mattson, Walter	274.25
716	McNulty, Susan Lee	198.41
717	McPhail, Vernon W.	178.41
718	Melcher, Adolf A.	194.06

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CIVIL SERVICE PAYROLL - Voucher #1355

719	Hester, Chris L.	307.10
720	Miller, Robert A.	335.72
721	Miller, Shirley	247.70
722	Mineff, Peter	238.13
723	Moore, Onace	235.17
724	Mosher, Edgar	279.55
725	Nandrea, Michael	207.51
726	Nicholls, Clarence	304.83
727	Nobles, William	119.56
728	Obermayer, Robert H.	212.75
729	O'Leor, Thomas F.	306.10
730	O'Seill, Milton F.	372.88
731	Paddleford, Mary	238.49
732	Parsons, Dorothy D.	185.94
733	Parsons, Von E.	236.68
734	Partridge, Jesse C.	166.77
735	Patton, Sylvia D.	269.04
736	Payne, Jesse E.	319.08
737	Perez, John R.	234.87
738	Perez, Jose M.	252.00
739	Peters, Roy V.	202.91
740	Pickthall, John W.	300.40
741	Ratcliff, John B.	324.95
742	Rheams, Ruth Ann	283.24
743	Richards, Robert H.	330.25
744	Robb, Donald	202.15
745	Rushton, John E.	293.24
746	Sackett, Ruth W.	232.71
747	Schader, Loretta B.	237.24
748	Schieffelin, Eleanor	269.48
749	Schmidt, Katheryn A.	218.18
750	Steffen, Elizabeth F.	216.33
751	Simpson, Albert E.	265.74
752	Simpson, Bert D.	194.65
753	Simpson, Frances	237.67
754	Simpson, Minnie	64.52
755	Slehn, August	177.66
756	Sladd, James Thomas	226.08
757	Smith, Mildred	250.33
758	Spencer, Robert A.	380.83
759	Stark, Henry C.	241.70
760	Steffonich, Marvyl I.	257.03
761	Steih, Otto J.	198.36
762	Sterling, Mary Ann	266.49
763	Stolpa, Vincent E.	351.80
764	Tear, Lucy	202.14
765	Thomas, Laverne F.	225.08
766	Thomas, Luella F.	235.73
767	Tiedt, John	233.93
768	Tonsic, Frank J.	199.36
769	Tracy, Frank A.	313.10
770	Tripp, Warren	309.05
771	Underwood, Lavern F.	228.41
772	Underwood, William V.	220.56
773	VanBeverker, Latta	226.64

SCHOOL OF MINES TAX FUND

CIVIL SERVICE PAYROLL - Voucher #1355

774	Vaughn, Clarence	202.45
775	Waters, Ernest E.	385.59
776	Weldon, Deanna	236.16
777	Wendell, David	117.29
778	Zanto, Norma A.	214.96
	TOTAL CIVIL SERVICE PAYROLL	35,223.80

SCHOOL OF MINES TAX FUND

MISCELLANEOUS PAYROLL - Voucher #1356

779	Beckett, Robert	190.00
780	Bloom, Dusan H.	140.00
781	Bodh, Jacqueline L.	116.12
782	Brown, Delmer L.	123.46
783	Chapin, Charles E.	174.95
784	Coleman, Rachel	244.42
785	Davis, E. W.	140.00
786	Fisher, Joseph	50.00
787	Gilmore, Curtis	139.65
788	Hancock, Mildred	20.21
789	Hill, David	123.46
790	Hoover, David L.	140.00
791	Hoover, Donald B.	174.95
792	Hyun, Byung, Koo	139.65
793	Jacobson, Jimmy Joe	123.46
794	Johnson, Kenneth	16.00
795	Jones, Patricia	19.42
796	Kang, George	123.46
797	LaFehr, Thomas	70.00
798	Messmer, Joseph F.	229.77
799	Miles, Charles H.	123.46
800	Morrill, Dee Ann	41.51
801	Morris, Donald	50.00
802	Remenyik, Tibor K.	123.46
803	Rhee, Keith	67.24
804	Rowe, George	142.58
805	Ruhfus, Bernhard	109.67
806	Selters, Judith E.	56.28
807	Sims, Robert A.	164.35
808	Srinivasan, G. R.	123.46
809	Thomson, Ker C.	190.00
810	Thornton, Dale E.	197.65
811	Van Horn, Horace H.	99.00
812	Weisser, Richard	139.65
813	Warner, Don Lee	134.06
814	Winterer, Timothy	123.46
815	Worsley, Reginald	123.46
	TOTAL MISCELLANEOUS PAYROLL	4,508.27

SCHOOL OF MINES TAX FUND

STUDENT HELP PAYROLL - Voucher #1356

816	Allief, Mohammed	10.00
817	Allen, James	9.00
818	Anderson, Phil	20.00
819	Barclay, James	60.00
820	Barkdale, Larry	24.00
821	Beach, Roger	25.00
822	Bennett, Donald L.	21.00
823	Berke, William	12.50
824	Brodley, Barry	21.50
825	Burtchessell, Gary	4.00
826	Caindec, Donald A.	22.00
827	Cederstrom, Robert	30.00
828	Chasis, David	30.00
829	Chang, Luis	20.25
830	Christiansen, Howard	18.00
831	Ciani, Larry	30.00
832	Clerk, James W.	22.50
833	Clay, Larry E.	30.00
834	Clifton, Ronald W.	30.00
835	Conway, Richard D.	30.00
836	Coop, Kenneth L.	21.00
837	Copello, Gustavo J.	2.00
838	Cox, E. Eugene	35.00
839	Crumb, Robert E.	15.00
840	Dassler, Robert G.	24.00
841	Delsolar, Jose	14.00
842	Downs, George R.	24.00
843	Edwards, Thomas	25.00
844	Evers, John F.	20.00
845	Farris, Clifford	26.00
846	Fatum, Harold	56.00
847	Gardas, W. H.	26.50
848	Griffee, Eugene	30.50
849	Grogan, Michael	10.00
850	Heister, Bruce	60.00
851	Henry, William A.	20.00
852	Hilman, James Alan	13.50
853	Hofner, Neal A.	30.00
854	Houston, William	53.00
855	Hutchinson, Gary	30.00
856	Inouye, Junji J.	18.00
857	Jensen, Kenneth A.	28.00
858	Johnson, Tim C.	25.00
859	Judy, Millard	27.00
860	Karlsson, Robert	30.00
861	Kendall, John P.	27.75
862	Koch, Ewald	22.50
863	Kopman, Robert	11.50
864	Kramer, Russell, Jr.	25.50
865	Lares, Carlos	30.00
866	MacFadyen, John D.	29.00
867	Mayadas, Ashok	21.00
868	McGill, Mary	51.75
869	Meyers, Donald	20.00
870	Meyers, Richard	21.00

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STUDENT HELP PAYROLL - Voucher #1336

871	Miley, Delmer V.	30.00
872	Miller, Curtis L.	9.00
873	Miller, William	9.00
874	Moverakhi, Parvia	5.00
875	Mulhern, Charles	26.00
876	Myers, Ted	22.00
877	O'Neil, Dennis B.	15.50
878	Osborne, Roger	20.00
879	Palmer, Richard	7.00
880	Pasquali, Jenn	10.00
881	Patton, Douglas	22.00
882	Pezar, William	7.50
883	Parkins, George	17.00
884	Parkins, Thomas	30.00
885	Po Saw, T. G.	16.00
886	Powers, Judy	14.25
887	Preble, Laurence	25.00
888	Raley, Francis	16.50
889	Repp, Edward G.	20.00
890	Reichmuth, Donald R.	20.00
891	Rossi, John	21.00
892	Royce, Gordon L.	30.00
893	Somuel, Carl William	30.00
894	Schultz, Donald	30.00
895	Selters, John	5.00
896	Sethi, Bhushan	25.00
897	Sharp, James	41.00
898	Sheehan, Dennis	30.00
899	Shier, George	26.50
900	Simpson, Percy	25.75
901	Slanovich, Gus J.	27.00
902	Smith, John R.	39.00
903	Strain, Charles	26.00
904	Suarez, Francisco A.P.	18.00
905	Thacher, Michael	41.00
906	Thompson, Macalan	18.00
907	Turner, Arnold Scott	6.00
908	Vangelisti, Ronald J.	24.00
909	Wade, Eugene H.	30.00
910	Watson, Rand L.	27.00
911	White, Harry Key	37.50
912	Whittaker, G. Allen	14.00
913	Wiggins, Ralph	6.00
914	Wood, Stephen	12.00
915	Wretling, Leroy	29.00
916	Wright, Bob	30.00
917	Yu, Jimmy	23.00
918	Zehn, Gary G.	24.00
919	Zinbeck, Don	30.00
	TOTAL STUDENT HELP PAYROLL	2,458.75
	TOTAL MISCELLANEOUS & STUDENT HELP PAYROLLS	6,967.02

SCHOOL OF MINES TAX FUND

DEDUCTIONS ON FACULTY PAYROLL - Voucher #1354

Federal Withholding Tax	9,820.25
Colorado Withholding Tax	589.25
Retirement	4,567.50
Equitable Life Assurance Society	1,335.10
C.S.M. Credit Union	806.93
War Bonds	453.75
Mile High United Funds	83.26

SCHOOL OF MINES TAX FUND

DEDUCTIONS ON CIVIL SERVICE PAYROLL - Voucher #1355

Federal Withholding Tax	5,288.30
Colorado Withholding Tax	317.30
Retirement	2,775.86
Blue Cross & Blue Shield	964.20
Colorado Employees' Credit Union	135.00
Civil Service Insurance	96.07
C.S.M. Credit Union	1,173.28
Mile High United Fund	18.49
War Bonds	85.00

SCHOOL OF MINES TAX FUND

DEDUCTIONS ON MISCELLANEOUS PAYROLL - Voucher #1356

Federal Withholding Tax	395.82
Colorado Withholding Tax	23.78
C.S.M. Credit Union	<u>29.98</u>

130,514.55

SCHOOL OF MINES TAX FUND

DEDUCTION VOUCHERS

1357	State's Share of Retirement	7,201.74
1358	Equitable Life Assurance Society	1,326.67

TOTAL PAYROLLS & DEDUCTIONS

139,042.96

SPECIAL APPROPRIATION

EXPERIMENTAL PLANT PAYROLL

263	Croftree, Edwin H.	329.51
	TOTAL EXPERIMENTAL PLANT PAYROLL	329.51

SPECIAL APPROPRIATION

EXPERIMENTAL PLANT DEDUCTIONS ON Voucher #263

	Federal Withholding Tax	81.00
	Colorado Withholding Tax	4.86
	Retirement	26.51
	TOTAL DEDUCTIONS EXPERIMENTAL PLANT	112.37
	TOTAL EXPERIMENTAL PLANT PAYROLL & DEDUCTIONS	441.88

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1359	Acta Polytechnica Scandinavica	5.40
1360	Addressograph-Multigraph Corp.	75.67
1361	Adelta AB	597.10
1362	Allied Radio Corporation	120.69
1363	American Instrument Co., Inc.	86.40
1364	American Library Association	6.00
1365	American Linen Supply Co.	112.28
1366	Ann Arbor Instrument Works	73.03
1367	Atlas Copco Pacific, Inc.	7.33
1368	Audio-Visual Center	13.18
1369	Auto Service & Supply Co., Inc.	11.80
1370	Maynard F. Ayler	12.32
1371	Thos. J. Barbra Productions	650.00
1372	Bausch & Lomb Optical Co.	200.00
1373	Geo. Herbert & Sons, Inc.	12.75
1374	Braniff Airways, Inc.	160.90
1375	Fritz Brannacke	124.39
1376	Buckley Bros.	269.63
1377	H. Dean Burdick	108.25
1378	William V. Burger	32.06
1379	Carpenter Paper Co.	263.40
1380	Cassidy Hicks Wall Paper Co.	21.00
1381	Central Electric Supply Co.	291.25
1382	Central Scientific Co.	22.65
1383	Nel Coffman Associates, Inc.	125.33
1384	Colorado Central Power Co.	3,832.55
1385	Colorado Engraving Co.	7.00
1386	Colorado Office Supply, Inc.	120.74
1387	C.S.M. Alumni Association	25.05
1388	Colorado Surplus Property Agency	2,416.65
1389	Ben Cook Supply Co.	9.50

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1390	James W. Darden	8.12
1391	Daffenbaugh Lumber Co.	5.76
1392	Denver Electronic Supply Co.	32.63
1393	Denver Gear & Parts Co.	37.91
1394	Denver Oxygen Company	53.69
1395	Derivation & Tubulating Associates	15.50
1396	Karl Dickens	12.74
1397	Dictaphone Corporation	7.40
1398	DoAll Denver Company	20.40
1399	James B. Drummond Co.	7.56
1400	Duwall-Devison Lumber Co.	94.57
1401	Harold H. Earhart	17.64
1402	Educational Directories, Inc.	43.50
1403	Educational Press, Inc.	3.95
1404	Electric Sales Corporation	100.64
1405	Elk Coal Co.	3,272.29
1406	Emblem Tape & Label Co.	50.90
1407	Empire Supply, Inc.	10.03
1408	Encyclopaedia Britannica	226.50
1409	John Eslick	14.00
1410	European Association of Exploration Geophysicists	5.80
1411	Federal Envelope Co.	143.60
1412	Field Tool Supply Co.	94.44
1413	Fisher Scientific Company	15.61
1414	Flint Ink Corporation	21.41
1415	Foss Drug Co.	421.29
1416	H. L. Foss, Inc.	119.72
1417	Frankel Carbon & Ribbon Co.	7.00
1418	Gair & Binderup Machine Shop Co.	12.50
1419	Geier & Blum, Inc.	15.13
1420	General Electric Co.--Apparatus Sales Division	35.00
1421	General Electric Co.--Lamp Glass Dept.	116.38
1422	Golden Laundry-Hat	83.86
1423	Grinnell Co.	30.45
1424	Niles E. Grosvenor	84.75
1425	Grove Press, Inc.	5.00
1426	Jack Hancock	52.50
1427	John R. Hayes	9.80
1428	Hendrie & Bolthoff Co.	32.68
1429	E. Vernon Hill & Co.	5.05
1430	A. B. Hirschfeld Press, Inc.	4,562.00
1431	Indiana Steel Products	17.26
1432	Inso Company, Inc.	33.00
1433	Institute of Fuel	6.13
1434	Intercollegiate Press Bulletins	11.50
1435	International Business Machines Corp.	831.96
1436	International Harvester Co.	108.38
1437	Inter-State Radio & Supply Co.	73.70
1438	I.X.L. Typewriter Co.	129.00
1439	Jeffco Engineering Supply Co.	21.16
1440	Jensen Paper Co.	204.17

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1441	Johnson Hardware, Inc.	64.84
1442	John Moss Jones	3.08
1443	K.C. Construction Supply Co.	5.00
1444	T. A. Kelly	116.50
1445	Kendrick-Bellamy Co.	6.56
1446	Harry C. Kent	5.74
1447	Kistler's	25.55
1448	M. A. Klugman	20.30
1449	Michael H. Lafferty	64.68
1450	Edward W. Lange	7.14
1451	McGraw-Hill Book Co., Inc.	10.19
1452	McMurtry Mfg. Co.	36.95
1453	I. R. Maxwell & Co. Ltd.	9.30
1454	Merritt Tire Shop	20.00
1455	Meyer Hardware & Sporting Goods, Inc.	18.29
1456	Midwest Library Service	14.10
1457	Milani Designs in Stone	102.75
1458	Mine & Smelter Supply Co.	322.02
1459	Moore Business Forms, Inc.	360.54
1460	Mountain States Telephone & Telegraph Company	1,658.99
1461	Mutual Furniture & Fixture Co.	179.50
1462	National Academy of Sciences	6.00
1463	National Mine Service Co.	25.00
1464	NRC Equipment Corporation	16.55
1465	Olin Mathieson Chemical Corporation	430.00
1466	J. A. Ossen Co.	21.90
1467	A. R. Jordan	169.65
1468	Panther Oil & Grease Mfg. Co.	32.80
1469	Paramount Cleaners-Dyers	67.85
1470	L. J. Parkinson	10.36
1471	Frank Paxton Lumber Co.	138.40
1472	J. E. Payne	15.00
1473	Ferguson Press, Inc.	40.00
1474	William E. Peters	14.56
1475	John W. Pickthall	9.24
1476	Plant Equipment Company	7.90
1477	Plasticrafts, Inc.	125.38
1478	Poindexter Electric Co.	67.66
1479	Porter Brothers, Inc.	15.60
1480	Public Service Co. of Colorado	422.70
1481	C.S.M. Revolving Fund	767.70
1482	Arklay S. Richards Co., Inc.	35.47
1483	Riley's	26.96
1484	John Rinehart	12.46
1485	Rio Grande Co.	9.19
1486	Rockmont Envelope Co.	267.44
1487	Sachs-Lawlor	33.68
1488	Safety Equipment Company	48.53
1489	James L. Senkovitz	31.36
1490	Scott Williams Mineral Co.	137.75
1491	Scribbler's Book Co.	185.10
1492	Seneca Paint Co.	570.71
1493	Serv-All Parts Co.	9.27
1494	J. A. Sexauer Mfg. Co., Inc.	5.36

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1495	Silver Steel Company	20.49	
1496	Soiltest, Incorporated	33.65	
1497	Stechert-Rehner, Inc.	526.18	
1498	Stores Equipment Corporation	6.93	
1499	Strawn's Stationery	31.46	
1500	E. K. Sweeney Co.	14.72	
1501	Technical Equipment Corporation	94.80	
1502	The Texas Co.	124.51	
1503	Transport Clearings of Colorado, Inc.	60.85	
1504	Chris Tolos	71.68	
1505	Union Bearing & Transmission Co.	9.55	
1506	Union Carbide Plastics Company	12.96	
1507	Union Supply Co.	182.72	
1508	United Air Lines	432.20	
1509	U. S. Geological Survey	19.60	
1510	U. S. Welding Works Co., Inc.	89.49	
1511	University of Colorado	120.00	
1512	Uranium Corner, Inc.	166.70	
1513	John W Vanderwilt	325.74	
1514	Van Howe Ceramic Supply Co.	14.74	
1515	D. Van Nostrand Co., Inc.	17.34	
1516	Van Waters & Rogers, Inc.--Braun- Knaecht-Heimann-Co. Division	167.84	
1517	Warren Lumber & Hardware Co.	305.12	
1518	Waukesha Motor Co.	10.02	
1519	Weaver Electric Co.	178.60	
1520	Robert J. Waiser	8.40	
1521	Lew Wenzel & Co. of Colorado	110.00	
1522	Western Air Lines, Inc.	87.50	
1523	Zep Manufacturing Corporation	119.40	
	TOTAL SUPPLY VOUCHERS		31,353.22

MILL LEVY BUILDING FUND

446	Max Cook Sporting Goods Co.	79.60	
447	Sam L. Huddleston	118.38	
448	Up-Right Scaffolds	490.00	
449	Head & Mount Construction Co.	7,294.74	
	TOTAL MILL LEVY BUILDING FUND		7,982.72

SPECIAL APPROPRIATION

EXPERIMENTAL PLANT

264	C.S.M. Research Foundation, Inc.	2,866.18	
	TOTAL EXPERIMENTAL PLANT--SPECIAL APPROPRIATION		2,866.18

Previous Minutes. The minutes of the meeting held on March 11, 1960 were approved.

Distinguished Achievement Medals. President Vanderwilt reported that replies had been received from all those nominated for the Distinguished Achievement Medal and all five nominees planned to be present at Commencement to receive the Medal.

The Board reviewed recommendations received since the selection was made. It was agreed that although it was too late for this year, these names should be added to the master list for consideration in future years.

van Diest Gold Medal. President Vanderwilt read a letter received from Stanley J. Marcus in which Mr. Marcus expressed great pleasure at his nomination for the van Diest Gold Medal. Mr. Marcus planned to be present at Commencement to receive the Medal.

North Central Association Accreditation. President Vanderwilt reported on a communication received from the North Central Association which listed the accreditation of the Colorado School of Mines effective April 1, 1960.

Staff Director for Presidents' Association. The appointment, to be effective around June 1, of Harry Allen, Staff Director of the Joint Budget Committee of the legislature, to the position of Staff Director for the Presidents' Association was reported and discussed. The location of the newly-created office had not been settled. Title and duties of Mr. Allen were discussed and it was agreed that this should not be a policy-making position.

Committee on Education Beyond High School. Two recent letters received by President Vanderwilt were reviewed. In the letters the Committee had made tentative recommendations and invited comments on these recommendations. The recommendations were in relation to out-of-state students, tuition, and admission requirements.

Concern was expressed that an attempt might be made to legislate such things as the ratio of nonresident students, tuition, etc. It was felt that such matters should be left to the school within a budget set up and approved by the legislature.

Associated Rocky Mountain Universities, Inc. President Vanderwilt reported to the Board that he had received a letter from the Executive Director of ARMU saying that although the Colorado School of Mines was not paying dues, the school was considered a legal member of ARMU. In reply, the Executive

Director had been advised that Colorado School of Mines, since dues had not been paid, would be unable to participate in the business affairs of ARMU, but we would be ready to cooperate on an informal basis whenever practical. President Vanderwilt commented briefly on work being attempted by ARMU.

Sponsored Research. President Vanderwilt stated he would like to review the matter of sponsored research in direct connection with a project done under contract with the Office of Naval Research (ONR) through the CSM Research Foundation. He stated that the question had been raised as to the fairness of the overhead going to the Research Foundation when, as in this case, it had been school facilities which had been used.

Dr. Parker stated that the CSM Research Foundation had been established for the purpose of creating a central organization through which all research activities could be directed. He said before the establishment of the Research Foundation we were not in a position to bid on government projects and there was no way to channel or any means to maintain control over research undertaken by individual faculty members.

Such being the case, it was felt that it was proper for the CSM Research Foundation to receive the overhead. School facilities were to be used only when they could not be used for educational purposes. All out-of-pocket costs were to be covered by the project budget.

It was agreed that an overhead charge was reasonable and businesslike and that the logical beneficiary was the CSM Research Foundation.

Faculty Salaries. President Vanderwilt distributed copies of schedules showing the entire teaching staff and the salary changes as recommended by the administration. Changes included a general increase of 2% to cover the cost-of-living increase, merit increases, and adjustments. Total increases for teaching faculty amounted to around \$47,000 and calculated to an average increase of 6%. There was no increase in the number of total teaching staff.

A plan for similar increases, although with a slightly lower over-all average, for administrative and library staffs, was discussed and reviewed. The total increases amounted to approximately \$6,000 which calculated to 3% average.

Action was delayed until the budget has been reviewed.

Monthly Reports. Mr. Steinhauer entered the meeting and distributed copies of the monthly reports as follows: Summary of Budget Appropriation and Disbursements, as of

March 31, 1960; Balance Sheet, March 31, 1960; Mill Levy Building Fund, as of March 31, 1960; Experimental Plant, Summary of Budget Appropriation and Disbursements, as of March 31, 1960; Dining Hall, from February 29, 1960 through March 31, 1960; Statement of Income & Expense, Canteen, covering period February 20, 1960 through March 19, 1960; Statement of Income & Expense, Mines Park, as of March 18, 1960; Mines Park, Summary of Budget Receipts and Disbursements, as of March 18, 1960; Statement of Income & Expense, Prospector Park, as of March 18, 1960; Statement of Income & Expense, Mines Bradford Hall & New Dormitory, as of March 18, 1960; Statement of Income & Expense, C.S.M. Houses - Group #1, as of March 18, 1960; Statement of Income & Expense, C.S.M. Houses - Group #2, as of March 18, 1960; Statement of Income & Expense, Mines Park Houses, 29-36 Inclusive, as of March 18, 1960; Summary of Budget Receipts and Disbursements, Mines Park Houses, 29-36 Inclusive, as of March 18, 1960; Statement of Income & Expense, C.S.M. Houses Group #1 & Mines Park Houses, 29-36 Inclusive, as of March 18, 1960; Budget Period, Associated Students of the Colorado School of Mines, Inc., March 31, 1960; Statement of Income & Expense, Associated Students of the Colorado School of Mines, Inc., March 31, 1960; Athletic Association, Summary or Budget Appropriations and Disbursements, as of March 20, 1960; and the Summary of Student Loans for the six-month period ending April 1, 1960 was also presented.

New Bank Account. Mr. Steinbauer reported that with proper authorization, he would like to open a new savings account and deposit surplus held in the Mines Park fund account.

Upon motion, duly seconded, and unanimously passed, the following resolution was adopted:

RESOLVED, That the funds of the Mines Park Fund of Colorado School of Mines be and the same are hereby authorized to be deposited or paid into a savings account in Colorado Federal Savings and Loan Association and that said institution be and it is hereby authorized to pay withdrawals until further written notice to it signed in the name of the organization as indicated by the signatures of Garnett Steinbauer, Treasurer, and John W Vanderwilt, President. Said institution is authorized to supply any endorsement on any check or other instrument tendered for this account and it is hereby relieved of any liability in connection with collection of such items which are handled by it in accordance with customary banking practice and it shall not be liable for the acts of banks serving as its agents, sub-agents or others or for any casualty. Withdrawals may not be made on account of such items until collected, and any amount not collected may be charged back to this account, including expense incurred, and any other outside expense incurred on account of this account may be charged to it.

April 8, 1960

Budget, 1960-61. Mr. Steinbauer distributed copies of a Comparative Budget Statement as of April 8, 1960 on which was listed actual budget for 1958-59, current budget, requested budget for 1960-61, and the recommended budget for 1960-61 based on the appropriation made.

It was noted that for the first time the legislature had allowed an item of \$10,000 for organized research.

Mr. Steinbauer stated that a deficit appropriation was promised to pay additional Civil Service salary increases as authorized by the legislature at the 1960 session, if the amount needed could not be picked up during the year by normal salary savings.

Members of the Board felt that the amount allocated to capital outlay should not be less than the amount allowed by the Legislative Budget Committee since it already was too low if we were to maintain our acquired high standard of well equipped laboratories and classrooms. Mr. Steinbauer stated he would call his budget committee together and revise the recommended budget allocations.

The Board left to the administration the details of the budget within the limitations as discussed.

Experimental Plant Budget, 1960-61. Mr. Steinbauer distributed copies of an estimate of budget receipts and disbursements for the Experimental Plant for the 1960-61 fiscal year. Mr. Crabtree had recommended that a fee of \$1.00 be charged for each mineral identification and also a subscription charge of \$1.00 per year for the Mineral Industries Bulletin. The wisdom of making a charge for mineral identification was questioned and the suggestion was made that Mr. Crabtree be asked to make a restudy of the use of available funds to assure maximum return not only for those served but also for the general benefit of Colorado.

Mr. Steinbauer said he would have new recommendations ready for the May meeting of the Board.

Pre-Preliminary Plans - New Science Building. A letter from Mr. Kenneth R. Fuller dated April 6, 1960 was read by President Vanderwilt in which Mr. Fuller stated he was transmitting pre-preliminary drawings and estimates for the new science building. Mr. Fuller noted that the cost estimate for the building exceeded the earlier figures and also that the given site was not fully available.

The new estimate of \$628,000 or \$18 per square foot was approved by the Board.

It was recognized that the selection of the site was of primary importance at this time. President Vanderwilt stated that the matter had been reviewed with Mr. W. M. Williams of the State Planning Division. Mr. Williams had agreed to present the matter to the advisory committee of the Planning Division. Meanwhile, it was felt that some definite action should be taken toward acquiring the property recommended by our architects.

It was moved, seconded, and unanimously passed that the properties of Mr. Arthur Buell and Mr. Frank Strawn be appraised and on the basis of such appraisals, subject to the approval of the State Planning Division and other state officers as required by statute, formal offers be made for the purchase of these properties.

Authorization was also given to renewing our previous offer to purchase the John C. Vivian property.

Clay Pit Area. Mr. Steinhauer reported that there were no new developments in this situation.

The Board adjourned at 4:00 p.m.

Secretary

Golden, Colorado
May 13, 1960

The Board of Trustees met in regular session on May 13, 1960, at 8:30 a.m., in the President's Office at the Colorado School of Mines.

Present: Messrs. Fenwick, Johnston, and Parker.

Absent: Messrs. Coors and Stockmar.

President Vandervilt attended the meeting.

Dr. Parker, President of the Board, presided.

Bills against the SPECIAL APPROPRIATION, SCHOOL OF MINES TAX FUND, MILL LEVY BUILDING FUND and the EXPERIMENTAL PLANT - SPECIAL APPROPRIATION were examined and allowed as set forth on the following pages, Nos. 2 through 15 inclusive.

May 13, 1960

SPECIAL APPROPRIATION

FACULTY PAYROLL - Voucher #265

2629	Attell, James G.	426.28
2630	Aylor, Maynard	393.64
2631	Babcock, Henry A.	476.38
2632	Badgley, Peter C.	461.52
2633	Bainbridge, Douglas	533.90
2634	Barb, Clark F.	645.90
2635	Bartunek, Paul F.	522.15
2636	Bauman, Victor W.	389.48
2637	Bisque, Ramon E.	487.58
2638	Bloom, Harold	369.46
2639	Brennecke, Fritz S.	599.39
2640	Bryner, Leonid	382.01
2641	Burdick, H. Dean	569.61
2642	Burger, William V.	556.24
2643	Campbell, Frank R.	481.09
2644	Carpenter, Frederick	497.96
2645	Carpenter, Robert H.	521.79
2646	Chapitis, William J.	422.49
2647	Coke, John M.	555.36
2648	Compton, W. D.	432.01
2649	Conroy, Bernette	364.59
2650	Cook, George S.	381.54
2651	Crowder, Troy F.	672.13
2652	Darden, James	428.13
2653	Darnell, Byron	289.13
2654	Davies, Joseph E.	440.43
2655	Day, Robert B.	386.76
2656	Dunke, Walter H.	560.55
2657	Eberhart, Harold H.	375.51
2658	Edwards, Kenneth W.	299.85
2659	Epis, Rudy C.	373.81
2660	Ferrell, Edward F.	363.27
2661	Fisher, Edward G.	401.42
2662	Fletcher, Hilbert E.	436.10
2663	Fox, Leland S.	358.11
2664	Fritts, Paul J.	375.92
2665	Frost, Hildreth Jr.	432.05
2666	Frush, Charles O.	493.65
2667	Fry, Frances L.	326.30
2668	George, John M.	353.27
2669	Gibbons, Madeleine	348.66
2670	Gosman, Albert L.	452.64
2671	Gross, Clara C.	395.36
2672	Grosvener, Miles E.	440.71
2673	Guey, Wilbur J.	356.59
2674	Gutman, Raymond R.	435.78
2675	Hall, James L.	315.08
2676	Hancock, John W.	369.47
2677	Hartmanior, L. W.	506.45
2678	Hasbrouck, Wilfred P.	376.85
2679	Hann, John D.	459.51
2680	Hayes, John R.	525.39
2681	Hebel, Ivan L.	513.09
2682	Hepworth, Malcolm T.	437.97
2683	Hollister, John C.	674.94

SPECIAL APPROPRIATION

FACULTY PAYROLL - Voucher #265

2684	Houghton, Augustus S.	398.30
2685	Hughes, Richard V.	629.76
2686	Hutchinson, Robert H.	503.42
2687	Johnson, Don H.	396.22
2688	Johnson, George W.	459.20
2689	Johnstone, James G.	429.58
2690	Jones, John H.	357.15
2691	Jordan, A. Raymond	704.50
2692	Jurney, William H.	519.55
2693	Kesting, Paul H.	499.09
2694	Kelly, T. A.	354.87
2695	Kelsey, Harry E.	431.50
2696	Kant, Harry C.	345.99
2697	Kline, John V.	498.44
2698	Klugman, Michael A.	423.18
2699	Koehler, Edward C.	181.86
2700	Kuhn, Truman H.	1,033.44
2701	Lafferty, Michael H.	311.04
2702	Laubach, Winton	269.62
2703	Lelmaire, George W.	527.28
2704	Lents, Oscar	385.94
2705	Lehey, Leslie W.	831.12
2706	Long, V. Allan	602.19
2707	Lucas, George B.	417.13
2708	Marsh, Donald C. B.	374.87
2709	Marshall, Scott J.	445.52
2710	Matear, Warren D.	387.98
2711	Mathews, Frank S.	513.83
2712	Meridath, George T.	623.33
2713	Merrin, James	464.85
2714	Milich, Dale	332.16
2715	Moore, Fred E.	362.61
2716	Morgan, Lyman W.	525.47
2717	Nordquist, Carl G.	421.14
2718	Ogden, Lawrence	401.49
2719	Osborn, Robert B.	455.47
2720	Parker, Ben H., Jr.	324.95
2721	Parkinson, Lute J.	711.81
2722	Paynter, Thomas E.	483.39
2723	Pearson, Robert S.	358.11
2724	Pegis, Anton G.	453.68
2725	Peters, William R.	475.00
2726	Pierce, Albert L.	353.65
2727	Pohrte, Theodora W.	424.64
2728	Poole, H. Gordon	748.11
2729	Preston, Ronald D.	507.40
2730	Prince, Lawrence J.	452.42
2731	Pugh, Bill R.	415.15
2732	Richtmann, William H.	499.83
2733	Rinehart, John S.	819.29
2734	Rodgers, Paul A.	468.13
2735	Rowland, David A.	331.88
2736	Sankovits, James L.	402.43
2737	Schielts, W. Cyril	558.94
2738	Shull, Charles M., Jr.	416.83

SPECIAL APPROPRIATION

FACULTY PAYROLL - Voucher #265

2739	Sisson, George T.	326.99
2740	Solley, Francis E., Jr.	471.85
2741	Starks, Charles W.	446.19
2742	Steinhauer, Gurnett	776.19
2743	Sutherland, Joycelyn	286.27
2744	Taylor, Robert J.	344.24
2745	Thomas, John C.	319.04
2746	Tolos, Chris	380.86
2747	Trexler, David W.	422.16
2748	Vanderwilt, John W	1,106.83
2749	Weimer, Robert J.	438.81
2750	Wichmann, Arthur P.	545.62
2751	Wilcox, Virginia Lee	555.50
2752	Williams, Art	442.09
2753	Williams, John T.	472.96
2754	Williams, Terrence J.	318.99
2755	Wright, Curtis	382.29
2756	Wright, W. Lloyd, M.D.	481.64
TOTAL FACULTY PAYROLL		59,310.41

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL - Voucher #266

2757	Aldridge, M. Floyd	188.35
2758	Bain, Miriam W.	269.84
2759	Baker, Thomas J.	307.35
2760	Barksdale, Becky	278.29
2761	Barthel, William Levi	252.72
2762	Baxter, Viola	179.93
2763	Bodnar, Cecilia	206.58
2764	Berlin, Avis M.	208.48
2765	Billingham, Charles	263.97
2766	Blevins, Vera	204.88
2767	Bliss, Mary Geneva	219.03
2768	Braun, Frank J.	262.38
2769	Brill, Edward	263.65
2770	Britton, Esther	196.00
2771	Brock, Harold V.	254.05
2772	Buffum, Frank	223.33
2773	Burtlow, Cedric Gene	282.84
2774	Bussart, Shirley	221.31
2775	Campbell, Russel E.	315.64
2776	Carter, Charlotte	191.94
2777	Carlson, Phyllis	246.76
2778	Carver, Walter B.	219.03
2779	Casady, Leonard D.	363.60
2780	Caster, Rosalie	225.56
2781	Chambers, Paul L.	289.30
2782	Childers, Engra M.	299.39
2783	Connor, Rex L.	226.45
2784	Crabtree, John Arrie	268.94

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL - Voucher #266

2785	Crane, Lidia	132.29
2786	Danley, Clint E.	152.02
2787	Dickens, Earl	398.68
2788	Dilts, Glenn	266.46
2789	Dillon, Dorothy	182.82
2790	Dillon, Ross Harold	308.65
2791	Dinkmeyer, Elvera E.	283.39
2792	Dolan, Francis	324.70
2793	Dollar, Claude E.	248.54
2794	Donshee, George W.	320.94
2795	Drake, Ollie L.	168.98
2796	Dugger, Helen	226.43
2797	Dygert, Harold	213.44
2798	Easley, Fred D.	359.38
2799	Eastin, Dick	222.13
2800	Eddleman, Janice C.	224.56
2801	Ervin, Madelyn R.	224.56
2802	Farmer, Clarence J.	219.03
2803	Fortune, William E.	320.65
2804	Gallops, Alfred J.	284.90
2805	Gillechrist, Clarence	202.15
2806	Godfrey, J. H.	234.93
2807	Good, Doris	196.76
2808	Goodhead, James W.	170.95
2809	Gregory, Clyde G.	348.65
2810	Greval, Martha H.	236.68
2811	Hans, Theodore E.	282.65
2812	Hader, Albert H.	207.14
2813	Hankel, Alma L.	196.43
2814	Hansen, Ole E.	211.03
2815	Hatfield, John D.	263.32
2816	Hemberger, Clarence G.	376.43
2817	Hofmeister, Edward C.	234.25
2818	Hookins, Raymond	177.41
2819	Howarter, William H.	226.60
2820	Hugness, Carl Hall	258.14
2821	Jenson, Hendrietta O.	220.51
2822	Johnston, Helen	282.55
2823	Koch, William O.	166.87
2824	Krattli, Tetley	400.28
2825	Kruger, Richard F.	217.81
2826	Kubesh, Josephine	205.70
2827	Leah, Melanoe E.	205.48
2828	Lange, Edward	324.37
2829	Lee, William	312.71
2830	Lietz, Rudolph	254.05
2831	Ljungvall, Donald	271.39
2832	Loving, Orville O.	358.69
2833	Mandiloff, Dean M.	281.75
2834	Mandiloff, Vesil C.	233.93
2835	Marvin, Thomas	215.88
2836	Matthews, Arthur W.	18.87
2837	Mattson, Walter	299.52
2838	McMulty, Susan Lee	198.41
2839	McPhail, Vernon W.	186.94

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL - Voucher #266

2840	Halcher, Adolf A.	194.06
2841	Hester, Chris L.	307.10
2842	Miller, Robert A.	335.72
2843	Miller, Shirley	269.47
2844	Hinaff, Peter	226.67
2845	Moore, Onese	235.17
2846	Mosher, Edgar	279.55
2847	Hendree, Michael	207.51
2848	Nicholls, Clarence	384.83
2849	Nobles, William	119.56
2850	Obermeyer, Robert H.	212.75
2851	O'Lear, Thomas F.	306.10
2852	O'Neil, Milton F.	371.88
2853	Peddleford, Mary	238.49
2854	Parsons, Dorothy D.	185.94
2855	Parsons, Ven E.	236.68
2856	Partridge, Jesse C.	166.77
2857	Patton, Sylvia D.	269.04
2858	Payne, Jesse E.	319.08
2859	Perez, John R.	241.57
2860	Perez, Jose H.	252.00
2861	Peters, Roy V.	202.91
2862	Pickhall, John W.	380.40
2863	Ratcliff, John S.	324.95
2864	Rheams, Ruth Ann	283.24
2865	Richards, Robert H.	330.25
2866	Robb, Donald	202.15
2867	Rogers, Charlotte C.	122.68
2868	Rushton, John E.	293.24
2869	Sackett, Ruth H.	232.71
2870	Schader, Loretta B.	237.24
2871	Schieffelin, Eleanor	269.48
2872	Siefken, Elizabeth F.	178.00
2873	Simpson, Albert E.	291.95
2874	Simpson, Bert D.	194.65
2875	Simpson, Frances	237.67
2876	Simpson, Minnie	80.54
2877	Slehn, August	186.19
2878	Sledd, James Thomas	15.33
2879	Smith, Mildred	250.33
2880	Spencer, Robert A.	380.83
2881	Stark, Henry C.	147.68
2882	Staffenich, Harvyl I.	257.03
2883	Steih, Otto J.	198.36
2884	Starling, Mary Ann	283.55
2885	Stolpa, Vincent R.	372.42
2886	Tear, Lacy	202.14
2887	Thomas, Laverne F.	225.08
2888	Thomas, Luella F.	235.73
2889	Tiadt, John	233.93
2890	Tonsie, Frank J.	199.36
2891	Tracy, Frank A.	313.10
2892	Tripp, Warren	309.05
2893	Underwood, Lavern F.	228.41
2894	Underwood, William V.	220.56

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL - Voucher #266

2895	VanDewerker, Letta	226.64
2896	Vaughn, Clarence	202.45
2897	Waters, Ernest E.	385.59
2898	Weldon, Dennis	236.16
2899	Wendell, David	130.21
2900	Zanto, Norma A.	146.96
TOTAL CIVIL SERVICE PAYROLL		35,280.56

SPECIAL APPROPRIATION

MISCELLANEOUS PAYROLL - Voucher #267

2901	Beckatt, Robert	190.00
2902	Bloom, Duane N.	140.00
2903	Bodh, Jacqueline L.	212.91
2904	Brown, Delmer L.	123.46
2905	Chapin, Charles E.	174.95
2906	Colman, Rachel	256.32
2907	Davis, E. W.	140.00
2908	Fisher, Joseph	20.00
2909	Gilmore, Curtis	139.65
2910	Hill, David	123.46
2911	Hoover, David L.	140.00
2912	Hoover, Donald E.	174.95
2913	Hyun, Byung Koo	139.65
2914	Jacobson, Jimmy Joe	123.46
2915	Johnson, Kenneth	25.00
2916	Jones, Patricia	69.07
2917	Kang, George	123.46
2918	LaFehr, Thomas	70.00
2919	Massmer, Joseph F.	229.77
2920	Miles, Charles H.	123.46
2921	Morrall, Dee Ann	33.08
2922	Morris, Donald	30.00
2923	Rasomyik, Tibor K.	123.46
2924	Rhea, Keith	67.24
2925	Rowe, George	142.58
2926	Ruhfus, Bernhard	109.67
2927	Selters, Judith E.	32.40
2928	Sims, Robert A.	164.35
2929	Srinivasan, G. R.	123.46
2930	Thomson, Ker C.	190.00
2931	Thornton, Dale E.	197.65
2932	Van Horn, Horace M.	99.00
2933	Weissar, Richard	139.65
2934	Wang, Yung Liang	35.00
2935	Warner, Don Lee	134.06
2936	Winterer, Timothy	123.46
2937	Worsley, Reginald	123.46
TOTAL MISCELLANEOUS PAYROLL		4,608.89

SPECIAL APPROPRIATION

STUDENT HELP PAYROLL - Voucher #267

2938	Allief, Mohammed	20.00
2939	Anderson, Phil	20.00
2940	Austin, Tony	2.00
2941	Barksdale, Larry	23.00
2942	Beach, Roger	13.50
2943	Bennett, Donald L.	12.50
2944	Boyd, Bradley K.	60.00
2945	Brodley, Harry	24.00
2946	Caindec, Donald A.	24.00
2947	Chasis, David	30.00
2948	Chang, Luis	21.50
2949	Clifton, Ronald W.	30.00
2950	Conway, Richard D.	25.00
2951	Coop, Kenneth L.	32.00
2952	Cox, E. Eugene	39.00
2953	Dassler, Robert G.	18.00
2954	Denslow, Lathrop	37.00
2955	Downs, George E.	5.00
2956	Edwards, Thomas	25.75
2957	Evers, John F.	15.00
2958	Farric, Clifford	20.50
2959	Gerdes, W. H.	19.00
2960	Griffee, Eugene	51.00
2961	Hasse, Glen	15.00
2962	Heister, Bruce	30.00
2963	Henry, William A.	12.00
2964	Hofbauer, Neal A.	30.00
2965	Hude, Christian	24.50
2966	Hutchinson, Gary	30.00
2967	Inouye, Junji J.	20.00
2968	Jensen, Kenneth A.	19.50
2969	Johnson, Robert G.	20.00
2970	Johnson, Tim C.	25.00
2971	Karlsson, Robert	25.50
2972	Kendall, John F.	24.50
2973	Koch, Donald	30.00
2974	Kramer, Russell, Jr.	25.00
2975	Lares, Carlos	30.00
2976	Larson, Bob	30.00
2977	MacFadyen, John B.	19.00
2978	Majestic, Martin	60.00
2979	Matlock, Tom	30.00
2980	Meyadas, Ashok	20.00
2981	McGill, Mary	18.75
2982	McGlauchlin, Alan	20.00
2983	Meyer, William L.	16.00
2984	Meyers, Donald	18.00
2985	Meyers, Richard	16.00
2986	Miller, Curtis L.	28.00
2987	Montgomery, James	22.50
2988	Norroll, Roderick	15.00
2989	Myers, Ted	21.00
2990	Palmer, Richard	15.00
2991	Pasquall, Joan	19.00
2992	Patton, Von L.	60.00

SPECIAL APPROPRIATION

STUDENT HELP PAYROLL - Voucher #267

2993	Perkins, Thomas	27.00
2994	Pinkham, Joe Neal	26.00
2995	Poser, T. O.	10.50
2996	Relay, Francis	27.50
2997	Rapp, Edward G.	3.00
2998	Rayno, John	22.00
2999	Reichmuth, Donald R.	26.00
3000	Rudin, John	18.00
3001	Sapik, David B.	6.00
3002	Schultz, Donald	32.00
3003	Seiters, John	6.00
3004	Sethi, Bhushan	30.00
3005	Sharp, James	18.00
3006	Sheehan, Dennis	30.00
3007	Shier, George	24.00
3008	Simpson, Percy	24.50
3009	Slanovich, Gus J.	20.00
3010	Smith, John R.	15.00
3011	Smith, Samuel Roger	29.00
3012	Strain, Charles	15.00
3013	Suarez, Francisco A.P.	6.00
3014	Thompson, Macalan	18.00
3015	Vangelisti, Ronald J.	27.00
3016	Vado, Eugene H.	30.00
3017	Watson, Rand L.	26.00
3018	White, Harry Kay	34.50
3019	Wiggins, Ralph	8.00
3020	Wood, Stephen	20.00
3021	Wright, Bob	30.00
3022	Yu, Jimmy	12.00
3023	Zahn, Gary G.	15.00
3024	Zinbeck, Don	30.00
	TOTAL STUDENT HELP PAYROLL	2,043.00
	TOTAL MISCELLANEOUS & STUDENT HELP PAYROLLS	6,651.89

SPECIAL APPROPRIATION

DEDUCTIONS ON FACULTY PAYROLL - Voucher #265

Federal Withholding Tax	9,890.25
Colorado Withholding Tax	593.45
Retirement	4,567.50
Equitable Life Assurance Society	1,335.10
C.S.M. Credit Union	786.93
War Bonds	453.75
Mile High United Funds	83.26

SPECIAL APPROPRIATION

DEDUCTIONS ON CIVIL SERVICE PAYROLL - Voucher #266

Federal Withholding Tax	5,322.50
Colorado Withholding Tax	319.35
Retirement	2,795.34
Blue Cross & Blue Shield	942.60
Colorado Employees' Credit Union	55.00
Civil Service Insurance	100.07
C.S.M. Credit Union	1,271.56
Mile High United Fund	15.99
War Bonds	85.00

SPECIAL APPROPRIATION

DEDUCTIONS ON MISCELLANEOUS PAYROLL - Voucher #267

Federal Withholding Tax	426.90
Colorado Withholding Tax	25.64
C.S.M. Credit Union	<u>29.98</u>

130,343.03

SPECIAL APPROPRIATION

DEDUCTIONS VOUCHERS

268	State's Share of Retirement	7,206.23
269	Equitable Life Assurance Society	1,326.67

TOTAL PAYROLLS & DEDUCTIONS

138,875.93

SPECIAL APPROPRIATION

EXPERIMENTAL PLANT PAYROLL - Voucher #270

270	Crabtree, Edwin H.	150.37
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TOTAL EXPERIMENTAL PLANT PAYROLL

150.37

SPECIAL APPROPRIATION

DEDUCTIONS ON EXPERIMENTAL PLANT PAYROLL - Voucher #270

Federal Withholding Tax	250.00
Colorado Withholding Tax	15.00
Retirement	26.51

TOTAL DEDUCTIONS - EXPERIMENTAL PLANT PAYROLL

291.51

TOTAL EXPERIMENTAL PLANT PAYROLL & DEDUCTIONS

441.88

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1524	A. E. & K. Television Service	48.50
1525	Academic Press, Inc.	84.44
1526	Acc-Kauffman Rubber Stamp & Seal Co.	10.39
1527	Acme Silver Plating Works	105.00
1528	Addressograph-Multigraph Corp.	67.96
1529	Agate Shop	19.80
1530	Akin & Bagshaw	15.42
1531	Allied Radio Corporation	11.27
1532	American Linen Supply Co.	140.28
1533	Autrey Brothers, Inc.	537.80
1534	Aviation Industrial Supply Co.	6.48
1535	H. F. Ayler	15.40
1536	Baldwin-Lima-Hamilton Corporation	5.25
1537	Barteldes Seed Company	202.32
1538	Geo. Barbert and Sons, Inc.	27.75
1539	Book-of-the-Month Club, Inc.	16.42
1540	Bradford-Robinson Printing Co.	775.00
1541	Charles Bruning Company, Inc.	23.29
1542	H. D. Burdick	235.31
1543	William V. Burger	26.74
1544	John C. Burt	50.00
1545	C. S. Card Iron Works Co.	36.65
1546	Carpenter Paper Company	46.83
1547	Carson Brothers	368.71
1548	Central Electric Supply Co.	105.31
1549	Central Scientific Company	230.60
1550	Certified Chemical Products, Inc.	102.70
1551	Chemical Publishing Co., Inc.	20.35
1552	Colorado Badge & Novelty Co.	113.01
1553	Colorado Central Power Company	3,807.26
1554	Colorado Office Supply, Inc.	175.53
1555	Colorado Press Association	15.00
1556	Colorado Steel Sash Company	13.41
1557	Colorado Surplus Property Agency	1,026.80
1558	Crest Manufacturing Co., Inc.	32.40
1559	James W. Darden	53.20
1560	Joseph E. Davies	22.12
1561	S. H. del Rio	75.00
1562	Danoyer-Geppert Company	46.82
1563	Denver Air Machinery Co.	220.85
1564	Denver Bookbinding Company	892.95
1565	Denver Electronic Supply Co.	9.74
1566	Denver Gear & Parts Co.	13.46
1567	Denver Oxygen Company	72.01
1568	Diamond Core Drilling & Equipment	425.00
1569	Karl Dickens	19.56
1570	Dixon & Co.	325.60
1571	Duwall-Davison Lumber Co.	150.21
1572	Harold H. Erhart	17.92
1573	Eastman Kodak Stores, Inc.	231.75
1574	Edgewater Typewriter Co.	74.75
1575	Edmund Scientific Co.	40.70
1576	Elk Coal Co.	3,360.58
1577	Federal Envelope Co.	355.48
1578	Edward G. Fisher	85.25

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1579	Fisher Scientific Company	5.10
1580	Florman Manufacturing Co.	171.88
1581	Foss Drug Company	120.42
1582	M. L. Foss, Inc.	404.92
1583	Frankal Carbon & Ribbon Co.	199.92
1584	Steve Frederick Chevrolet Co.	52.87
1585	Gardner-Denver Company	61.20
1586	City of Golden	1,950.28
1587	Golden Laundry-Mat	75.92
1588	Graham Paper Co.	130.34
1589	W. W. Grainger, Inc.	33.74
1590	G & L Granite Company	140.00
1591	Grisnell Company	67.21
1592	Gulton Industries, Inc.	85.41
1593	Jack Hancock	41.72
1594	Husaco, Inc.	11.08
1595	C. A. Helm	112.50
1596	A. S. Heinsohn Printing Machinery & Supplies Co.	174.31
1597	Havi-Duty Electric Co.	97.90
1598	Hytroic Measurements, Inc.	57.80
1599	International Institute of Refrigeration	7.00
1600	International Business Machines Corporation	2,006.86
1601	International Physical Index, Inc.	57.50
1602	Inter-State Radio & Supply Co.	109.44
1603	I.N.L. Typewriter Co.	33.30
1604	Jeffco Engineering Supply Co.	8.10
1605	Jefferson Transit Mix Co.	368.23
1606	Jensen Paper Company	147.00
1607	Johnson Hardware, Inc.	63.09
1608	Johnson Service Co.	24.70
1609	Walter J. Johnson, Inc.	450.13
1610	John Moss Jones	5.88
1611	Kallogg's Hardware, Inc.	13.34
1612	Harry E. Kelsey	5.46
1613	Kendrick-Bellamy Co.	253.72
1614	Truman H. Kuhn	11.76
1615	K-F Products, Inc.	6.00
1616	Kistler's	81.25
1617	M. A. Klugman	70.00
1618	Lafayette Radio Electronics Corp.	45.44
1619	Lahana & Company	17.05
1620	Lakewood Lawnmower Company	23.95
1621	Edward W. Lange	17.08
1622	L. W. LeRoy	16.24
1623	Library of Congress--Card Division	183.21
1624	The Library of Science	20.75
1625	Life Book Department	15.64
1626	Andrew T. Lobel Co.	35.40
1627	McGraw-Hill Book Co., Inc.	17.09
1628	McMurtry Mfg. Co.	178.78
1629	Macmillan Company	8.19
1630	Marchant Calculators	56.93

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1631	Marquis-Who's Who, Inc.	21.25
1632	Scott J. Marshall	17.92
1633	Matthew Bender & Company	5.50
1634	George T. Merideth	8.00
1635	Herritt Tire Shop	256.02
1636	Meyer Hardware & Sporting Goods, Inc.	109.48
1637	Midwest Saw Filing & Grinding Works	13.20
1638	Midwest Sales Company	536.00
1639	Minerals Unlimited	220.00
1640	Mine Safety Appliances Co.	38.90
1641	Mine & Smelter Supply Co.	1,415.94
1642	Mines Supply	5.98
1643	Minneapolis-Honeywell Regulator Co.	319.53
1644	Monroe Calculating Machine Co., Inc.	14.95
1645	Moore Business Forms, Inc.	28.11
1646	Motor Car Pool (Revolving Fund)	171.54
1647	Mountain States Telephone & Telegraph Company	1,793.37
1648	Mutual Furniture & Fixture Co.	60.00
1649	National Business Publications Ltd.	8.00
1650	National Mine Service Company	25.00
1651	Natural History Book Club	11.53
1652	G. J. Nikolas & Co., Inc.	8.50
1653	North Central Association	400.00
1654	W. W. Norton & Co., Inc.	16.84
1655	A. L. Olson Company	6.79
1656	Pacific Foundry Co., Ltd.	32.70
1657	Paint, Inc.	18.40
1658	Paramount Cleaners-Dyers	29.50
1659	L. J. Parkinson	14.00
1660	Frank Paxton Lumber Co.	297.22
1661	J. E. Payne	15.00
1662	William R. Peters	18.20
1663	Philip Lochman & Company	15.60
1664	Physicians & Surgeons Supply Co.	5.00
1665	John W. Pichthall	11.48
1666	Pioneer Auto Wrecking Co.	25.78
1667	Pitney-Bowes, Inc.	50.10
1668	Plasticrafts, Inc.	46.71
1669	Public Service Co. of Colorado	618.75
1670	Publishers Central Bureau	8.25
1671	Bill R. Pugh	14.89
1672	Radio Shack Corporation	5.68
1673	Readex Microprint Corporation	235.06
1674	G.S.M. Revolving Fund	355.10
1675	John Rinchart	8.05
1676	Rocky Mountain Bank Note Co.	405.76
1677	Ryall Electric Supply Co.	18.23
1678	San Francisco Instrument Co.	6.60
1679	James L. Senkovits	19.04
1680	Science Fiction Book Club	14.00
1681	Scribbler's Book Company	266.12
1682	Serv-All Parts Co.	8.61
1683	Silver Steel Company	40.03

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1684	Sondie & Brenelle	175.37
1685	Spivek Artists' Supply Co.	36.15
1686	Standard Register Company	143.60
1687	State Purchasing Agent--Revolving Fund #2101	9.98
1688	Stechert-Hafner, Inc.	94.92
1689	Gurnett Steinhauer	37.59
1690	Strawn's Stationery	1,477.82
1691	B. K. Sweeney Co.	30.22
1692	Taylor Instrument Companies	5.23
1693	Technical Sales Corporation	60.87
1694	Teel AAA Service Company	413.54
1695	Telberg Book Company	10.00
1696	Thermo Electric Co., Inc.	30.31
1697	Thompson Pipe & Steel Co.	6.59
1698	Chris Tolos	132.05
1699	Transport Clearings of Colorado, Inc.	48.46
1700	The Twentieth Century Fund	6.19
1701	UARCO, Incorporated	677.81
1702	Underwood Corporation	101.90
1703	G. Unger	50.00
1704	USDA, Forest Service	73.50
1705	USDA, Denver Field Office, CSS	13.80
1706	U.S. Geological Survey	11.44
1707	U.S. Welding Works Co., Inc.	47.63
1708	United Tool & Material Co.	71.68
1709	Urenium Corner, Inc.	32.00
1710	John W Vanderwilt	18.24
1711	Van Waters & Rogers, Inc.	494.46
1712	L. B. Walker Radio Co.	38.02
1713	Art Wals	44.50
1714	Ward Electric Co.	7.51
1715	Wasatch Chemical Company	65.00
1716	Western Belting Co., Inc.	14.37
1717	The Westerners	8.50
1718	Western Seed Company	95.43
1719	Virginia Lee Wilcox	6.86
1720	Williams & Associates, Inc.	40.36
1721	Curtis E. Wright	161.06
1722	Paul O. Young	143.33
	TOTAL SUPPLY VOUCHERS	36,434.88

MILL LEVY BUILDING FUND

450	Sanitary Specialties Co.	230.00
	TOTAL MILL LEVY BUILDING FUND	230.00

SPECIAL APPROPRIATION

EXPERIMENTAL PLANT

271 C.S.M. Research Foundation, Inc. 3,834.22

TOTAL EXPERIMENTAL PLANT--SPECIAL APPROPRIATION 3,834.22

Previous Minutes. Minutes of the meeting held on April 8, 1960 were approved.

Faculty Salaries. Upon motion, duly seconded, and unanimously passed, the following faculty and administrative salaries were approved:

Maynard F. Ayler Instructor in Mining Engineering	\$8,833.00
Henry A. Babcock Associate Professor of Civil Engineering	7,602.00
Peter C. Badgley Associate Professor of Geology	7,163.00
Clark F. Barb Professor of Petroleum Engineering and Head of Department	10,512.00
Paul F. Bartunek Professor of Physics	8,591.00
Victor W. Bauman Assistant Professor of Mathematics	6,394.00
Ramon E. Bisque Assistant Professor of Chemistry	6,615.00
Harold Bloom Instructor in Geology	6,023.00
Fritz S. Brennecke Professor of Physical Education and Director of Athletics	9,378.00
Leonid Bryner Assistant Professor of Geology	5,832.00
H. Dean Burdick Director of Admissions	8,961.00
William V. Burger Dean of Students and Registrar	9,064.00
Frank R. Campbell Associate Professor of Mechanical Engineering	7,844.00
Frederick M. Carpenter Associate Professor of Mathematics	8,132.00

May 13, 1960

Robert H. Carpenter Professor of Geology	\$8,141.00
William J. Chapitis Assistant Professor of English and Modern Foreign Languages	6,816.00
John M. Coke Professor of Engineering Graphics and Head of Department	8,898.00
W. D. Compton Assistant Professor of Chemistry	6,784.00
Bernetta Conrey Departmental Assistant	6,096.00
George S. Cook Associate Professor of Mathematics	7,349.00
James Darden Assistant Professor of Physical Education	7,023.00
Byron Darnell Conductor of the Band and Glee Club	2,680.00
Joseph E. Davies Associate Professor of Physical Education	7,578.00
Robert E. Day Instructor in Metallurgy	5,860.00
Walter H. Dunke Professor of Chemistry and Head of Department	9,776.00
Harold H. Earhart Superintendent of Buildings and Grounds	9,360.00
Rudy C. Epis Assistant Professor of Geology	6,018.00
Edward F. Ferrell Assistant Professor of Chemistry	6,428.00
Edward G. Fisher Professor of English and Head of Department	10,005.00
Hilbert E. Fletcher Assistant Professor of Electrical Engineering	6,659.00

May 13, 1960

Leland S. Fox Instructor in Chemistry	55,492.00
Paul J. Fritts Instructor in Engineering Graphics	5,970.00
Hildreth Frost, Jr. Assistant Professor of Metallurgy and Administrative Assistant in Metallurgy	6,460.00
Charles O. Frush Associate Professor of Mining Engineering	7,460.00
Frances L. Fry Laboratory Assistant in Metallurgy	4,900.00
John M. George Assistant Professor of English	6,025.00
Madeleine Gibbons Reference Librarian	5,836.00
Albert L. Gosman Assistant Professor of Mechanical Engineering	7,187.00
Clara C. Gross Catalogue Librarian	6,524.00
Niles E. Grosvenor Assistant Professor of Mining Engineering	6,990.00
Wilbur J. Guay Instructor in Metallurgy	5,358.00
Raymond R. Gutzman Assistant Professor of Mathematics	6,842.00
James L. Hall Assistant Professor of Chemistry	7,020.00
John W. Hancock Instructor in Physical Education	5,751.00
L. W. Hartkemeier Associate Professor of Chemistry	7,963.00
Wilfred P. Hasbrouck Instructor in Geophysics	6,128.00
John D. Ham Associate Professor of Geology	7,744.00

John R. Hayes Professor of Geology	\$8,691.00
Ivan L. Hebel Professor of Mathematics and Head of Department	9,258.00
Malcolm T. Hepworth Assistant Professor of Metallurgy	7,064.00
John C. Hollister Professor of Geophysics and Head of Department	10,820.00
Augustus S. Houghton Associate Professor of Chemistry	7,399.00
Richard V. Hughes Professor of Petroleum Engineering	10,000.00
Robert M. Hutchinson Associate Professor of Geology	7,300.00
Don H. Johnson Instructor in Geology	5,649.00
George W. Johnson Associate Professor of English	7,651.00
James G. Johnstone Assistant Professor of Civil Engineering	7,034.00
A. Raymond Jordan Dean of the Graduate School	12,199.00
William H. Journey Associate Professor of Mathematics	7,983.00
Paul H. Keating Professor of Geology	8,384.00
T. A. Kelly Professor of Civil Engineering and Head of Department	9,664.00
Harry E. Kelsey Assistant Business Manager	7,313.00
Harry C. Kent Instructor in Geology	5,562.00
John V. Kline Associate Professor of Physics	7,699.00

Michael A. Klugman Assistant Professor of Geology	\$9,615.00
Truman H. Kuhn Dean of Faculty	15,618.00
Winton Laubach Instructor in Mathematics	5,539.00
George W. LeMaire Professor of Petroleum Refining Engineering	8,833.00
Oscar H. Lentz Assistant Professor of Economics	6,817.00
L. W. LeRoy Professor of Geology and Head of Department (12 months)	14,121.00
V. Allan Long Professor of Physics and Head of Department	9,863.00
George B. Lucas Assistant Professor of Chemistry	7,134.00
Donald C. B. Marsh Assistant Professor of Mathematics	6,328.00
Scott J. Marshall Instructor in Electrical Engineering	6,700.00
W. D. Mateer Assistant Professor of Geology	6,394.00
Frank S. Mathews Assistant Professor of Physics	7,858.00
George T. Merideth Professor of Geophysics	9,622.00
James Merrin Associate Professor of English	7,481.00
Dale Milich Instructor in Engineering Graphics	5,386.00
Fred E. Moore Assistant Professor of Geology	6,186.00
Lyman W. Morgan Associate Professor of Petroleum Refining Engineering	8,112.00

May 13, 1960

Carl G. Nordquist Assistant Professor of Economics	\$6,713.00
Lawrence Ogden Assistant Professor of Geology	6,180.00
Robert B. Osborn Associate Professor of Mathematics	7,384.00
Lute J. Parkinson Professor of Mining Engineering and Head of Department	11,790.00
R. S. Pearson Instructor in Chemistry	5,492.00
Anton G. Pegis Associate Professor of English	7,282.00
William R. Peters Director of Publications	7,488.00
A. L. Pierce Laboratory Assistant in Metallurgy	5,703.00
Theodore W. Pehrte Assistant Professor of Physics	6,627.00
E. Gordon Poole Professor of Metallurgy and Head of Department	11,904.00
Ronald D. Preston Associate Professor of Civil Engineering	7,389.00
Lawrence J. Prince Assistant Professor of Mathematics	7,183.00
W. M. Richtmann Professor of Mechanical Engineering and Head of Department	9,514.00
John S. Rinehart Professor of Mining Engineering and Director of Mining Research Laboratory (12 months)	13,250.00
Paul A. Rodgers Associate Professor of Geophysics	7,860.00
James L. Sankovitz Editor, Office of Public Information	6,430.00

N. Cyril Schieltz Professor of Metallurgy	\$9,052.00
Charles M. Shull, Jr. Assistant Professor of Chemistry	6,526.00
George T. Sisson Instructor in Chemistry and Supervisor of Chemistry Stock Room	5,385.00
Francis E. Smiley, Jr. Assistant Professor of Civil Engineering	7,535.00
Charles W. Starke Assistant Professor of Chemistry	6,389.00
Gurnett Steinhauser Business Manager	12,627.00
Joycelyn Sutherland Documents Librarian	5,084.00
Robert J. Taylor Instructor in Engineering Graphics	5,200.00
John C. Thomas Laboratory Assistant in Petroleum Refining Engineering	5,100.00
Chris Toles Instructor in Physical Education and Business Manager of the Athletic Department	6,768.00
David W. Trexler Assistant Professor of Geology	6,286.00
Robert J. Weiner Associate Professor of Geology	6,942.00
Arthur P. Wichmann Professor of Metallurgy	9,081.00
Virginia Lee Wilcox Librarian	9,202.00
Art Williams Assistant Professor of Physics	7,233.00
John T. Williams Associate Professor of Chemistry	7,659.00
Curtis E. Wright Budget Officer	6,300.00

President's Salary. After a brief discussion, it was moved, seconded, and unanimously passed that the salary of President Vanderwilt should be increased \$1,000 to a total of \$20,000.

Replacements. President Vanderwilt reviewed for the information of the Board the qualifications of Mr. James G. Robinson who is being considered as a replacement for Mr. Troy Crowder.

He also stated a contract had been offered to Mr. Chancy D. Van Pelt to replace Bill Pugh, Director of Student Activities.

Degrees, 1960. The following list of those recommended by the faculty for degrees on the dates specified was approved subject to the final completion of their work and the meeting of all requirements for graduation:

May 27, 1960

ENGINEER OF MINES

George John Beattie
Richard Earl Blodgett, Jr.
Bernard Lee Eobo
Warren Earl Brown
Edwin Heward Crabtree III
Robert Lawrence Ferriter
Robert Eugene Green
Lennox Leroy Hagemann
Gordon Reed Hersey
Carlos Alcides Lares Cordero
Lawrence Erie Long, Jr.
Farrest Gail Loper
William Charles McClain
Larry Lee McCune

Curtis LaVon Miller
Richard James Pitney
E. Frank Porter
Kent Damon Pothast
William Stanley Ranson
Joseph Walter Reese
Donald Ralph Reichmuth
David M. Ropchan
John Joseph Selters
Norman J. Smallwood
David Lester Watson
James Morgan Winston
Euclid Paul Worden
Jimmy U, Yu Chiao-Hui

METALLURGICAL ENGINEER

Gerald Joseph Eagan
Bradley K. Boyd
Robert R. Cederstrom
Richard Anthony Daniele
James Farrell Green, Jr.
Samuel Bruce Heister
Robert Bruce Hoffman
Millard M. Judy
George Carl Kane
Robert Henry Karlsson
George Albin Lindroth

Lester Howard Meltzer
Delmar Vance Miley
Albert Eugene Miller
David W. Morse
Ted L. Myers
Merl Lawrence Redhair
Richard Ray Severns
George David Shier
Arnold Scott Turner
Glenn A. Walton
M. L. West, Jr.

May 13, 1960

GEOLOGICAL ENGINEER

Mohammed Hassan Alief
Gerald Lee Askovold
William E. Cristiano
Melville Cox Erskine, Jr.
Joseph Charles Goldhammer
Artemas Lawrance Holmes, Jr.
William Newton Houston
Donald Howard Howell
Walter Irving Knudsen, Jr.
Roderick James Morrell

Jean Pasqueli Zanin
Lee Douglas Patton
Dean Howard Pospisal
Edward Gerard Rapp
David Burton Sapik
Frederick Phillip Schwarz, Jr.
Archer D. Swank
Stanley Francis Versaw
C. Wallace Wade
James W. Walton

PETROLEUM ENGINEER

Keith Evans Anderson
William Albert Anderson
Warren Kent Arnold
Ronald David Baker
Thomas Matthew Carroll III
Alva Myron Caster
Andrew John Dickson
Richard Bell Egen
John Frederick Evers
Eduardo Gabriel Arana
Robert Franklin Jenkins, Jr.
Arvi Kivi

Burke Bernard Krueger
William Rogers Morgan
Roger Hugh Osborne
William M. Ramsburg
Gordon LeVon Royce
John B. Smith, Jr.
John Robert Smith
R. Glenn Vawter
Gary E. Warner
Robert Allen Weldon
Albert Harry Wieder
Donald Ray Zelinkoff

PETROLEUM REFINING ENGINEERING

Knollys Aloysius Ahloy
Lauren Barlow Ames
Joseph Louis Anjier
Donald Lee Bennett
Ronald Lee Bredehoff
Ronald Williams Evans
Neil Roger Everett
William Henry Gerdes
Glenn Charles Graham

Albert Sidney Griffin, Jr.
Ronald Anthony Krizman
Harry Edward McCarthy
Quentin Terry McGlothlin
Jerry Preston McKnight
James Karl Molden
Kenneth Lee Spalding
Edwin Eno Wing

GEOPHYSICAL ENGINEER

John A. Bowler III
Charles Lynn Carpenter
Paul J. Harrison
James Robert Heavener
James Alan Nileman
Robert Frederick Hinshaw
Jon Richard Kirkpatrick

Kenneth Lee Larner
Kenneth Mark O'Connell
Forrest Donald Peters
Jack H. Pizante
Robert Allen Sultzbach
Robert Roy Talley
Richard Edgerly Van Doeren

July 9, 1960

ENGINEER OF MINES

Jack Charles Naptonstall
John Donald Longenecker

PETROLEUM REFINING ENGINEER

Carl William Samuel

METALLURGICAL ENGINEER

Albert Lee Dugger
Irwin William Engel
George Wesley Hoagland
Dennis Boyd O'Neil

Thein Co Po Saw
Louis W. Pribila
Michael Richey Sargent

September 3, 1960

ENGINEER OF MINES

James Charles Dorian, Jr.
Clyde William Frost
David Ramsay Gilbert
Richard Vinton Good

James E. Montgomery
Ralph Norman Rockwell
William Roper Sandifer II
George McKay Venable, Jr.

PETROLEUM ENGINEER

Eugene Howard Skinner
Augustine J. Slanovich

METALLURGICAL ENGINEER

F. Sparks Langher, Jr.

GEOPHYSICAL ENGINEER

Lawrence Edward Jones

GEOLOGICAL ENGINEER

Shirley Mae Valencia

May 27, 1960

MASTER OF SCIENCE

Emilio Aliende-Posse - Metallurgy
Harry L. Baldwin - Geophysics
Robert Becker - Geophysics
Tun U. Maung - Geophysics
Bernard J. C. Turpin - Geophysics
Hassan Beykpoor - Petroleum

Donald D. Kraft - Mining
Maung Win Kyaing - Mining
William C. Maurer - Mining
Dhannalal Patni - Mining
James K. Trimble - Geology

DOCTOR OF SCIENCE

Parke O. Yingst - Mining

Faculty Research Fellowships. President Vandervilt reviewed the situation with regard to summer research by the faculty. He stated that in the past two or three years since funds were available through the CSM Foundation, research projects had been supported for members of the faculty which involved summer work. Faculty members had been allowed personal income at a rate equivalent to their regular salary under their faculty contract. President Vandervilt

May 13, 1960

stated he would like to recommend Dean Jordan's recent proposal that such financial support to members of the faculty be considered outright grants for research, rather than salary for summer employment. For those who would be teaching for a portion of the summer or who would be engaged in other summer activities, the grant would be reduced proportionately. It was felt that a research grant was in keeping with a basic research program carried out by faculty members.

Members of the Board felt that safeguards should be set up so that there would be no duplication with other sponsors of payment for research done and also that such grants should be made with the understanding that results would be available for the benefit of and in line with the educational objective of the school. In addition, faculty working under the provisions of such grants should be required to sign an agreement conveying all patents arising from their research work to the Colorado School of Mines Foundation, Inc.

Subject to such conditions, the Board approved the establishment of Faculty Research Fellowships. Approval also was given to the possible use of the \$10,000 item included in the budget for basic research in the school's faculty research program.

It was suggested that Mr. Steinhauser investigate whether this money thus granted to faculty members should be reported as income.

Monthly Reports. Mr. Kelsey entered the meeting and distributed copies of the monthly reports as follows: Summary of Budget Appropriation and Disbursements as of April 30, 1960; Balance Sheet, April 30, 1960; Mill Levy Building Fund as of April 30, 1960; Experimental Plant, Summary of Budget Appropriation and Disbursements as of April 30, 1960; Dining Hall covering period July 6, 1959 through June 30, 1960; Statement of Income & Expense, Canteen, covering period March 20, 1960 through April 19, 1960; Statement of Income & Expense, Mines Park, as of April 19, 1960; Mines Park, Summary of Budget Receipts & Disbursements as of April 19, 1960; Statement of Income & Expense, Prospector Park, as of April 19, 1960; Statement of Income & Expense, Mines Bradford Hall & New Dormitory as of April 19, 1960; Statement of Income & Expense, C.S.M. Houses -- Group #1, as of April 19, 1960; Statement of Income & Expense, C.S.M. Houses -- Group #2 as of April 19, 1960; Statement of Income & Expense, Mines Park Houses, 29-36 Inclusive, as of April 20, 1960; Summary of Budget Receipts and Disbursements, Mines Park Houses, 29-36 Inclusive, as of April 19, 1960; Statement of Income & Expense, C.S.M. Houses Group #1 & Mines Park Houses, 29-36 Inclusive, as of April 19, 1960; Statement of Income & Expense, 1959-60 Health & Accident Plan, Associated Students of the Colorado School of Mines, Inc., April 30, 1960; Budget Period, 1959-60 Health and Accident Plan, Associated Students of the Colorado School of Mines, Inc., April 30, 1960; Athletic Association, Summary of Budget Appropriations and Disbursements as of April 20, 1960; State of Budget 1959-60, as of June 30, 1960; and Comparative Budget Statement as of May 13, 1960.

Athletic Association Budget. The Athletic Association budget for the year 1960-61 was approved as follows:

Estimated cash balance, July 1, 1960	\$ 350.00
Estimated receipts, July 1, 1960 to June 30, 1961	<u>33,120.00</u>
Total cash balance as of July 1, 1961	33,470.00
Estimated Disbursements July 1, 1960 to June 30, 1961	<u>30,365.00</u>
Estimated cash balance as of June 30, 1961	\$ 3,105.00

Capital Outlay. In reviewing the comparative budget statement, it was noted that an adjustment had been made to bring the figure for capital outlay up to \$65,000 as allowed by the legislature.

Alcohol Permit. Upon motion, duly seconded, and unanimously passed, the following resolution was adopted:

RESOLVED: That it shall be the duty of the President, John W Vandervilt and Treasurer, Gurnett Steinhauer and they shall each have authority to execute, on behalf of this corporation, all applications, notices, bonds, powers of attorney, and other instruments, claims, offers in compromise, letters, writings, and papers, and to do all acts for the corporation in dealings with the Internal Revenue Service in connection with matters relating to the laws, and regulations issued pursuant thereto, administered by the Alcohol and Tobacco Tax Division; and the corporation hereby authorizes each of said persons to receive on behalf of the corporation any and all notices, papers, and letters from said Alcohol and Tobacco Tax Division in connection with all such matters, hereby giving and granting to each of said persons full power and authority to do and perform all and every act and thing whatsoever requisite and necessary to be done in and about the premises, hereby ratifying and confirming all that each of said persons has done or caused to have done, or shall do or cause to be done by virtue hereof.

Experimental Plant Budget. Mr. Crabtree in a memo dated May 12, 1960 recommended that the budget for Prospector Service be reduced to \$3,000. There would be no overhead charge on this item and the Research Foundation would take care of all materials and supplies, the \$3,000 to take care of the actual labor cost.

For the Mineral Industries Bulletin, the budget would be \$15,000 which would include a 50 per cent overhead figure. This would allow the printing of six copies of the Bulletin during the fiscal year.

The item of \$10,500 would be put in the budget to cover work as proposed on "Application of Advanced Nuclear Techniques to Research in Geochemistry and Ore Genesis." Details still had to be worked out to assure close correlation of this work with a larger program of ore-genesis research being developed by a member of the Geology Department.

The idea of having users of Prospector Service identify the location of the origin of ore samples was being considered. It was felt this would contribute to the knowledge of mineral occurrences in the state. The thought was expressed that the location might be asked with the agreement that the location would not be disclosed for a specified period of time.

The question of making a charge for the Mineral Industries Bulletin was discussed. It was agreed that a charge of \$1 per year would help to keep the mailing list valid.

Mr. Crabtree's salary was discussed and the desirability of continuing to pay his salary and reducing overhead on a project was considered.

President Vanderwilt stated that these ideas had been submitted by Mr. Crabtree for discussion and that he would have a firm budget to submit in June for final approval of the Board.

Science Building Location. President Vanderwilt reported on the appraisals of property owned by Frank Strawn and Arthur W. Buell.

The Buell property which had been appraised from the outside only had been set at \$20,100 total value. President Vanderwilt read a letter addressed to Mr. Steinhauser with copies to the Board and himself from Mr. Buell's daughter protesting the school's attempt to purchase the property.

The Strawn house had been appraised at \$26,500. President Vanderwilt read a letter from Mr. Strawn in which Mr. Strawn stated that according to an independent appraiser, an additional value of \$2,385 was established for carpeting, draperies, dishwasher, and added value of the lot.

It was agreed that an attempt should be made to arrive at an agreeable price for the property, including the items mentioned by Strawn not included in the appraisal by the school. If the school and Strawn could agree on a price, the school should proceed to negotiate purchase of the property.

It was decided that if the school could purchase the Strawn house, they should then go ahead with the acquisition of Buell's property.

Denver Broncos. President Vandervilt reported on negotiations between the school and the Denver Broncos, pro football team, for the use of training facilities at the school for a period of time during this coming summer.

The men would eat at the school dining hall, sleep in the old gym, and use Brooks Field two or three times. Practice would be alternated between the baseball field and the intramural fields. For this they would pay \$5.25 board, \$1.00 lodging, and \$.40 laundry per day per man, plus a flat charge of \$1,000 for physical plant facilities.

The Board authorized the administration to continue negotiations with the understanding that the overhead for the package deal would be enough so that the school would not be hurt financially and that private enterprise could not criticize the school for entering into competition with private enterprise.

The meeting adjourned at 1:00 p.m.

Assistant Secretary

May 13, 1960

Golden, Colorado
June 10, 1960

The Board of Trustees met in regular session on June 10, 1960 at 8:30 a.m., in the President's Office at the Colorado School of Mines.

Present: Messrs. Coors, Johnston, and Parker.

Absent: Messrs. Fenwick and Stockmar.

President Vanderwilt attended the meeting.

Dr. Parker, President of the Board, presided.

Bills against the SPECIAL APPROPRIATION, SCHOOL OF MINES TAX FUND, MILL LEVY BUILDING FUND, and the EXPERIMENTAL PLANT FUND were examined and allowed as set forth on the following pages, Nos. 2 through 16, inclusive.

June 10, 1960

SPECIAL APPROPRIATION

FACULTY PAYROLL - Voucher #272

3025	Axtell, James C.	426.28
3026	Ayler, Maynard	393.64
3027	Ebbcock, Henry A.	456.38
3028	Badgley, Peter C.	461.52
3029	Bainbridge, Douglas	533.90
3030	Barb, Clark F.	643.90
3031	Bartunak, Paul F.	522.15
3032	Beaman, Victor W.	389.46
3033	Bisque, Ramon E.	357.21
3034	Bloom, Harold	369.46
3035	Brennecke, Fritz S.	599.39
3036	Bryner, Leonid	382.01
3037	Burdick, H. Dean	569.61
3038	Burger, William V.	556.24
3039	Campbell, Frank R.	481.09
3040	Carpenter, Frederick	497.96
3041	Carpenter, Robert H.	521.79
3042	Chapitis, William J.	422.49
3043	Coke, John M.	555.36
3044	Compton, W. D.	442.61
3045	Conroy, Bernetta	364.59
3046	Cook, George S.	381.54
3047	Crowder, Troy F.	672.13
3048	Darden, James	428.13
3049	Darnell, Byron	289.13
3050	Davies, Joseph E.	440.43
3051	Day, Robert B.	386.76
3052	Dunke, Walter W.	560.55
3053	Earhart, Harold H.	575.51
3054	Edwards, Kenneth W.	299.85
3055	Epis, Rudy C.	373.81
3056	Ferrell, Edward F.	363.27
3057	Fisher, Edward G.	401.42
3058	Fletcher, Hilbert E.	436.10
3059	Fox, Leland S.	358.11
3060	Fritts, Paul J.	375.92
3061	Frost, Hildreth, Jr.	432.05
3062	Frush, Charles O.	493.65
3063	Fry, Frances L.	326.30
3064	George, John M.	353.27
3065	Gibbons, Madeleine	348.66
3066	Gosman, Albert L.	452.64
3067	Gross, Clara C.	395.36
3068	Grosvenor, Miles E.	440.71
3069	Guay, Wilbur J.	356.59
3070	Gutman, Raymond R.	435.78
3071	Hall, James L.	315.08
3072	Hancock, John W.	369.47
3073	Hartkewier, L. W.	506.45
3074	Hasbrouck, Wilfred P.	376.85
3075	Haun, John D.	459.51
3076	Hayes, John R.	525.39
3077	Hebel, Ivan L.	513.09
3078	Hapworth, Malcolm T.	437.97
3079	Hollister, John C.	674.94

SPECIAL APPROPRIATION

FACULTY PAYROLL - Voucher #272

3080	Houghton, Augustus E.	398.30
3081	Hughes, Richard V.	629.76
3082	Hutchinson, Robert M.	503.42
3083	Johnson, Don H.	396.22
3084	Johnson, George W.	459.20
3085	Johnstone, James G.	429.58
3086	Jones, John M.	357.15
3087	Jordan, A. Raymond	704.50
3088	Jurney, William H.	519.53
3089	Keating, Paul H.	499.09
3090	Kelly, T. A.	554.87
3091	Kelsey, Harry E.	431.50
3092	Kent, Harry C.	345.99
3093	Kline, John V.	498.44
3094	Klugman, Michael A.	423.18
3095	Koehler, Edward G.	181.86
3096	Kuhn, Truman H.	1,033.44
3097	Lafferty, Michael H.	311.04
3098	Laubach, Winton	269.62
3099	LeMaire, George W.	527.28
3100	Lents, Oscar	385.94
3101	LeRoy, Leslie W.	831.12
3102	Long, V. Allen	602.19
3103	Lucas, George B.	417.13
3104	Marsh, Donald C.B.	364.27
3105	Marshall, Scott J.	445.52
3106	Mateer, Warren D.	387.98
3107	Mathews, Frank S.	513.83
3108	Merideth, George T.	623.33
3109	Merrin, James	466.85
3110	Milich, Dale	332.16
3111	Moore, Fred E.	352.01
3112	Morgan, Lyman W.	525.47
3113	Nordquist, Carl G.	421.14
3114	Ogden, Lawrence	401.49
3115	Osborn, Robert E.	455.47
3116	Parker, Dan H., Jr.	324.95
3117	Parkinson, Lute J.	711.81
3118	Paynter, Thomas E.	483.39
3119	Pearson, Robert S.	358.11
3120	Pegis, Anton G.	453.68
3121	Peters, William R.	475.00
3122	Pierce, Albert L.	353.65
3123	Pohrta, Theodore W.	424.64
3124	Feele, H. Gordon	748.11
3125	Preston, Ronald D.	507.40
3126	Prince, Lawrence J.	452.42
3127	Pugh, Bill E.	415.15
3128	Richtmann, William M.	499.83
3129	Rinehart, John S.	819.20
3130	Rodgers, Paul A.	468.13
3131	Rowland, David A.	331.88
3132	Sankovitz, James L.	402.43
3133	Schieltz, H. Cyril	538.94
3134	Shull, Charles H., Jr.	416.83

SPECIAL APPROPRIATION

FACULTY PAYROLL - Voucher #272

3135	Sisson, George T.	326.99
3136	Smiley, Francis E., Jr.	471.85
3137	Sterks, Charles W.	446.19
3138	Steinheuer, Gurnett	776.19
3139	Sutherland, Joycelyn	286.27
3140	Taylor, Robert J.	344.24
3141	Thomas, John C.	319.04
3142	Tolos, Chris	380.86
3143	Trexler, David W.	422.16
3144	Vandervilt, John W	1,106.83
3145	Weimer, Robert J.	438.81
3146	Wichmann, Arthur P.	545.62
3147	Wilcox, Virginia Lee	535.50
3148	Williams, Art	442.09
3149	Williams, John T.	472.96
3150	Williams, Terrence J.	318.99
3151	Wright, Curtis	382.29
3152	Wright, W. Lloyd, M.D.	481.64

TOTAL FACULTY PAYROLL

59,229.44

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL - Voucher #273

3153	Aldridge, W. Floyd	188.35
3154	Bain, Miriam W.	269.84
3155	Baker, Thomas J.	307.35
3156	Berthel, William Levi	252.72
3157	Baxter, Viola	179.93
3158	Bednar, Cecelia	206.58
3159	Berlin, Avis M.	157.99
3160	Billingham, Charles	263.97
3161	Blevins, Vera	204.88
3162	Bliss, Mary Geneva	219.03
3163	Braun, Frank J.	262.38
3164	Brill, Edward	263.65
3165	Britton, Esther	196.00
3166	Brobeck, Harold V.	254.05
3167	Bufnak, Frank	223.33
3168	Burtlow, Cedric Gene	282.84
3169	Bussart, Shirley	226.64
3170	Campbell, Russel E.	315.64
3171	Carder, Charlotte	191.94
3172	Carlson, Phyllis	246.76
3173	Carver, Walter B.	219.03
3174	Casady, Leonard D.	363.60
3175	Caster, Rossie	372.29
3176	Chambers, Paul L.	272.05
3177	Childers, Kagra M.	299.39
3178	Connor, Rex L.	249.54
3179	Crestree, John Arrie	268.94
3180	Crane, Lida	188.01

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL - Voucher #273

3181	Danley, Clint E.	152.02
3182	Dickens, Earl	398.68
3183	Diltz, Glenn	266.46
3184	Dillon, Dorothy	200.17
3185	Dillon, Ross Harold	308.65
3186	Dinkmeyer, Elvera B.	283.39
3187	Delan, Francis	324.70
3188	Dollar, Claude E.	242.54
3189	Donahoo, George W.	295.15
3190	Drake, Ollie L.	168.98
3191	Dugger, Helen	226.43
3192	Dygert, Harold	213.44
3193	Easley, Fred D.	339.38
3194	Eastin, Dick	222.13
3195	Eddleman, Jenice C.	224.56
3196	Ervin, Madelyn R.	224.56
3197	Farmer, Clarence J.	219.03
3198	Fortune, William E.	319.65
3199	Gallegos, Alfred J.	284.90
3200	Gledd, Marlene E.	104.11
3201	Gilchrist, Clarence	202.15
3202	Godfrey, J. H.	234.93
3203	Good, Doris	196.76
3204	Goodhead, James W.	181.03
3205	Gregory, Clyde G.	345.55
3206	Grewal, Martha R.	236.68
3207	Haas, Theodore E.	282.65
3208	Hader, Albert H.	207.14
3209	Hankel, Alma L.	193.53
3210	Hansen, Ole E.	211.03
3211	Hatfield, John D.	264.32
3212	Hamberger, Clarence G.	376.43
3213	Hofmeister, Edward C.	234.25
3214	Hoskins, Raymond	176.41
3215	Howarter, William H.	226.60
3216	Hungness, Carl Hall	258.14
3217	Janson, Hendrietta G.	236.24
3218	Johnston, Helen	282.55
3219	Koch, William G.	166.87
3220	Krattli, Tatley	284.58
3221	Kruger, Richard F.	217.81
3222	Kubesh, Josephine	222.77
3223	Lamb, Melana D.	215.48
3224	Lange, Edward	324.27
3225	Lee, William	312.71
3226	Liets, Rudolph	268.94
3227	Ljungvall, Donald	271.39
3228	Loving, Orville G.	358.69
3229	Mandiloff, Dean H.	281.75
3230	Mandiloff, Vasil G.	246.84
3231	Marvin, Thomas	215.88
3232	Mattson, Walter	299.52
3233	McNulty, Susan Lee	198.41
3234	McPhail, Vernon W.	186.94
3235	Maicher, Adolf A.	194.06

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL - Voucher #273

3236	Hester, Chris L.	307.10
3237	Hiller, Robert A.	598.48
3238	Hiller, Shirley	596.54
3239	Hinaff, Peter	226.67
3240	Hoors, Onace	224.57
3241	Hosher, Edgar	279.55
3242	Handres, Michael	224.86
3243	Nicholls, Clarence	384.83
3244	Hobles, William	119.56
3245	Obermayer, Robert H.	227.53
3246	O'Leary, Thomas F.	306.10
3247	O'Neil, Milton F.	371.88
3248	Paddleford, Mary	238.49
3249	Parsons, Dorothy D.	185.94
3250	Parsons, Von R.	236.68
3251	Partridge, Jesse C.	166.77
3252	Patton, Sylvia D.	495.24
3253	Payne, Jesse E.	283.54
3254	Perez, John E.	241.57
3255	Perez, Jose M.	252.00
3256	Peters, Roy V.	202.91
3257	Pickthall, John W.	380.40
3258	Porter, Dorothy	153.08
3259	Ratcliff, John E.	324.95
3260	Rhems, Ruth Ann	283.24
3261	Richards, Robert H.	330.25
3262	Robb, Donald	202.15
3263	Rogers, Charlotte C.	204.88
3264	Rushton, John E.	293.24
3265	Sackett, Ruth M.	232.71
3266	Schader, Loretta B.	237.24
3267	Schiaffelin, Eleanor	269.48
3268	Siefken, Elizabeth F.	178.00
3269	Simpson, Albert E.	291.95
3270	Simpson, Bert D.	194.65
3271	Simpson, Frances	237.67
3272	Simpson, Minnie	64.52
3273	Slehn, August	186.19
3274	Smith, Mildred	239.73
3275	Spencer, Robert A.	380.83
3276	Stark, Henry C.	241.70
3277	Steffonich, Mervyl I.	257.03
3278	Steih, Otto J.	198.36
3279	Starling, Mary Ann	283.55
3280	Stelps, Vincent R.	372.42
3281	Tear, Lacy	162.65
3282	Thomas, Laverna F.	225.08
3283	Thomas, Luella F.	236.40
3284	Tiedt, John	233.93
3285	Tomsic, Frank J.	199.36
3286	Tracy, Frank A.	313.10
3287	Tripp, Warren	309.05
3288	Underwood, Lavern P.	228.41
3289	Underwood, William V.	220.56
3290	VanDewerker, Letta	226.64

SPECIAL APPROPRIATION

CIVIL SERVICE PAYROLL - Voucher #273

3291	Vaughn, Clarence	201.45
3292	Waters, Ernest E.	385.59
3293	Weldon, Deanna	236.16
3294	Wendell, David	130.21
3295	Zanto, Norma A.	146.96
TOTAL CIVIL SERVICE PAYROLL		36,243.53

SPECIAL APPROPRIATION

MISCELLANEOUS PAYROLL - Voucher #274

3296	Beckett, Robert	190.00
3297	Bloom, Duane H.	140.00
3298	Bodh, Jacqueline L.	184.12
3299	Brown, Delmer L.	123.46
3300	Chapin, Charles E.	174.95
3301	Coleman, Rachel	266.13
3302	Davis, E. W.	140.00
3303	Fisher, Joseph	30.00
3304	Gilsore, Curtis	139.65
3305	Hancock, Mildred	7.65
3306	Hill, David	123.46
3307	Hoover, David L.	140.00
3308	Hoover, Donald B.	174.95
3309	Hym, Byung Koo	139.65
3310	Jacobson, Jimmy Joe	123.46
3311	Johnson, Kenneth	16.00
3312	Kang, George	123.46
3313	LaFehr, Thomas	70.00
3314	Landres, Harry K.	92.46
3315	MacDonald, Willard E.	103.06
3316	Messner, Joseph F.	229.77
3317	Miles, Charles H.	123.46
3318	Morrill, Dee Ann	47.25
3319	Morris, Donald	40.00
3320	Remanyik, Tibor K.	123.46
3321	Rhee, Keith	67.24
3322	Rose, George	142.58
3323	Roybal, Floyd	113.66
3324	Ruhfus, Bernhard	109.67
3325	Salters, Judith E.	48.60
3326	Sims, Robert A.	164.35
3327	Srinivasan, G. R.	123.46
3328	Thomson, Ker C.	190.00
3329	Thornton, Dale E.	197.65
3330	Van Horn, Horace M.	99.00
3331	Van Hooser, Donald	103.81
3332	Weisner, Richard	139.65
3333	Wang, Yung Liang	123.46
3334	Werner, Don Lee	134.06
3335	Winterer, Timothy	123.46

SPECIAL APPROPRIATION

MISCELLANEOUS PAYROLL - Voucher #274

3336	Worsley, Reginald	123.46	
	TOTAL MISCELLANEOUS PAYROLL		5,070.51

SPECIAL APPROPRIATION

STUDENT HELP PAYROLL - Voucher #274

3337	Alief, Mohammed	20.00
3338	Anderson, Phil	20.00
3339	Barclay, James	46.00
3340	Barkdale, Larry	30.00
3341	Beach, Roger	8.50
3342	Bennett, Donald L.	5.00
3343	Berke, William	26.50
3344	Boyd, Bradley K.	27.00
3345	Brodey, Barry	6.00
3346	Caindec, Donald A.	22.00
3347	Cedarstrom, Robert	80.00
3348	Chasis, David	30.00
3349	Cheng, Luis	18.25
3350	Clark, James V.	23.50
3351	Conway, Richard D.	24.00
3352	Coop, Kenneth L.	15.00
3353	Copello, Gustavo J.	6.00
3354	Cox, E. Eugene	25.50
3355	Dassler, Robert G.	24.00
3356	Downs, George R.	34.00
3357	Edwards, Thomas	15.75
3358	Erskine, Melville C.	30.00
3359	Evers, John F.	20.00
3360	Farris, Clifford	30.00
3361	Gardes, W. H.	14.00
3362	Griffee, Eugene	23.00
3363	Hajdu, Deesse	12.25
3364	Haister, Bruce	23.00
3365	Henry, William A.	10.00
3366	Hilaman, James Alan	60.00
3367	Hoafnar, Neal A.	30.00
3368	Houston, William	13.00
3369	Hude, Christian	25.00
3370	Hutchinson, Gary	23.00
3371	Inouye, Junji J.	11.00
3372	Jensen, Kenneth A.	28.00
3373	Johnson, Robert C.	27.00
3374	Johnson, Tim C.	25.00
3375	Jones, Marim	25.00
3376	Karlsson, Robert	25.50
3377	Kopman, Robert	20.75
3378	Kramer, Russell Jr.	26.00
3379	Kraus, Gotthard	40.50
3380	MacFadyen, John D.	25.00

SPECIAL APPROPRIATION

STUDENT HELP PAYROLL - Voucher #274

3381	Moyadas, Ashok	24.50
3382	McGill, Mary	7.50
3383	McGlauchlin, Alan	49.00
3384	McKean, Michael	53.00
3385	Meyers, Donald	20.00
3386	Meyers, Richard	28.00
3387	Hiller, William	6.00
3388	Myers, Ted	27.00
3389	O'Neil, Dennis B.	35.00
3390	Palmer, Richard	18.25
3391	Patton, Von L.	19.00
3392	Perkins, George	24.00
3393	Perkins, Thomas	20.00
3394	Pinkham, Joe Neal	4.50
3395	Po Saw, T. O.	19.50
3396	Proble, Lawrence	47.00
3397	Raley, Francis	23.50
3398	Rayno, John	23.50
3399	Reichenuth, Donald E.	7.00
3400	Reuter, Walter	11.75
3401	Rossi, John	7.00
3402	Samuel, Carl William	32.00
3403	Schultz, Donald	19.00
3404	Sharp, James	20.00
3405	Sheshen, Dennis	30.00
3406	Simpson, Percy	35.75
3407	Slanovich, Gus J.	21.00
3408	Smith, John R.	22.00
3409	Smith, Samuel Roger	36.50
3410	Soriano, Rudy	7.25
3411	Stewart, Donald	4.00
3412	Suarez, Francisco A. P.	12.00
3413	Thompson, Macalan	23.00
3414	Vangelisti, Ronald J.	28.00
3415	Vid, Leslie	32.25
3416	Wade, Eugene H.	30.00
3417	Watson, Reid L.	32.50
3418	Wiggins, Ralph	5.50
3419	Wood, Stephen	15.00
3420	Wretling, Leroy	41.00
3421	Wright, Bob	24.00
3422	Yu, Jimmy	12.50
3423	Zahn, Gary G.	9.00
3424	Zimbeck, Don	17.50
	TOTAL STUDENT HELP PAYROLL	2,058.75
	TOTAL MISCELLANEOUS & STUDENT HELP PAYROLLS	7,129.26

SPECIAL APPROPRIATION

DEDUCTIONS ON FACULTY PAYROLL - Voucher #272

Federal Withholding Tax	9,900.25
Colorado Withholding Tax	594.05
Retirement	4,567.50
Equitable Life Assurance Society	1,335.10
C.S.M. Credit Union	857.30
War Bonds	453.75
Mile High United Funds	83.26

SPECIAL APPROPRIATION

DEDUCTIONS ON CIVIL SERVICE PAYROLL - Voucher #273

Federal Withholding Tax	5,600.10
Colorado Withholding Tax	336.01
Retirement	2,870.19
Blue Cross & Blue Shield	953.10
Colorado Employees' Credit Union	55.00
Civil Service Insurance	102.07
C.S.M. Credit Union	1,404.33
Mile High United Funds	15.99
War Bonds	85.00

SPECIAL APPROPRIATION

DEDUCTIONS ON MISCELLANEOUS PAYROLL - Voucher #274

Federal Withholding Tax	456.30
Colorado Withholding Tax	27.41
C.S.M. Credit Union	<u>29.98</u>

132,328.92

SPECIAL APPROPRIATION

DEDUCTION VOUCHERS

275	State's Share of Retirement	7,296.07
276	Equitable Life Assurance Society	1,284.96

TOTAL PAYROLLS & DEDUCTIONS 140,909.95

SPECIAL APPROPRIATION

EXPERIMENTAL PLANT PAYROLL - SPECIAL APPROPRIATION - Voucher #277

Creston, Edwin H.	150.37
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TOTAL EXPERIMENTAL PLANT PAYROLL 150.37

SPECIAL APPROPRIATION

DEDUCTIONS ON EXPERIMENTAL PLANT PAYROLL - Voucher #277

Federal Withholding Tax	250.00	
Colorado Withholding Tax	15.00	
Retirement	26.51	
TOTAL DEDUCTIONS - EXPERIMENTAL PLANT PAYROLL		291.51
TOTAL EXPERIMENTAL PLANT PAYROLL & DEDUCTIONS		441.88

SPECIAL APPROPRIATION

SUPPLY VOUCHERS

278	Abbey Rents	212.50
279	A. E. & K. Television Service	56.00
280	Ace Billiard Supply Co.	257.60
281	Ace Glass, Incorporated	35.95
282	Addressograph-Multigraph Corp.	15.60
283	Allen Bearings Supply Co.	24.72
284	American Council on Education	39.00
285	American Geophysical Union, Dr.	78.00
286	American Linen Supply	106.86
287	American Nuclear Society	8.00
288	American Pipe & Supply Co.	87.10
289	American-Standard Industrial Division	620.00
290	Association of Governing Boards of State Universities & Allied Institu- tions	100.00
291	Atlas Press Company	8.10
292	H. W. Ayer & Sons, Inc.	30.00
293	Maynard F. Aylor	3.08
294	Peter C. Badgley	52.22
295	Beckley-Cardy Company	21.30
296	"Stu" Berensford, Inc.	59.84
297	Book-of-the-Month Club, Inc.	4.84
298	Books for Libraries, Inc.	9.50
299	Glenn Bove Grinding	41.25
300	R. R. Becker Co.	20.00
301	Fritz S. Brennecke	91.60
302	Ere-Dart Industries	18.00
303	Chester A. Brown	40.00
304	Buckley Explosives of Colorado, Inc.	1,222.63
305	William V. Burger	23.74
306	John C. Burt Insurance Agency	15.00
307	Business Forms, Inc.	150.00
308	Butler Paper Company	118.31
309	Callahan Wholesale Florists, Inc.	10.00
310	Frank R. Campbell	14.00
311	Canadian Institute of Mining & Metallurgy	6.39
312	Frederick M. Carpenter	19.85
313	Carson Brothers	255.78

SPECIAL APPROPRIATION

SUPPLY VOUCHERS

314	Centennial School Supply Co.	7.00
315	Central Electric Supply Co.	224.46
316	Certified Chemical Products, Inc.	154.80
317	William J. Chapitis	14.70
318	Arthur H. Clark Company	9.50
319	Clipper Manufacturing Co.	211.88
320	Coches' Book Club	8.92
321	Mel Coffman Associates, Inc.	334.40
322	Colorado Office Supply, Inc.	177.87
323	C.S.M. Research Foundation, Inc.	14.60
324	Colorado & Southern Railway Co.	11.16
325	Colorado Surplus Property Agency	2,390.41
326	Consultants Bureau Enterprises, Inc.	15.75
327	Continental Air Lines, Inc.	101.50
328	Continental Bus System, Inc.	55.00
329	Continental Oil Company	282.07
330	Ben Cook Supply Co.	300.97
331	Dave Cook Sporting Goods Co., Inc.	6.75
332	George S. Cook	10.30
333	E. H. Cooper Company	5.50
334	James Darden	73.78
335	Davis Audio-Visual Company	356.85
336	Deckers Resort	5.00
337	Deffenbaugh Lumber Co.	54.50
338	Denver Air Machinery Co.	307.60
339	Denver Electronic Supply Co.	121.28
340	Denver Packaging Company	161.42
341	D. Deorio & Sons	10.00
342	Karl Dickens	14.21
343	Dixon & Company	6.73
344	William Dixon, Incorporated	33.88
345	Duplicator Supply Company	13.00
346	Duwall-Davison Lumber Co.	325.12
347	Harold H. Earhart	13.44
348	Eastman Kodak Stores, Inc.	6.17
349	Encyclopaedia Britannica, Inc.	4.95
350	Electrical Specialty Co.	13.18
TOTAL SUPPLY VOUCHERS--SPECIAL APPROPRIATION		9,745.41

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1723	Autrey Brothers, Inc.	1,420.50
1724	Bowman Lumber Co.	2,347.24
1725	Colorado Central Power Co.	3,635.90
1726	Donner Scientific Company	3,057.30
1727	Elk Coal Company	3,076.42
1728	Emerson-Trussell Book Company	8.24
1729	Engineering Supply Company	18.38
1730	Eversedy Freight Service	544.00
1731	Farmers Insurance Group	718.95

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1732	F. W. Foxon Company, Inc.	156.85
1733	E. P. Finigan Co.	5.28
1734	Florman Manufacturing Co.	317.80
1735	Norma L. Flynn	20.00
1736	Foss Company	648.35
1737	M. L. Foss, Inc.	438.67
1738	Frankel Carbon & Ribbon Co.	8.82
1739	Steve Frederick Chevrolet Co.	6.63
1740	Charles Frush	21.89
1741	Gardner-Denver Company	469.45
1742	Garlock Packing Company	55.02
1743	Gates Factory Store, Inc.	98.64
1744	General Binding Corporation	47.09
1745	Genuine Parts Company	158.00
1746	Glidden Company	30.00
1747	Goldendale Dairies, Inc.	12.75
1748	Golden Laundry-Mat	81.52
1749	George Graul, Florist	170.00
1750	Grinnell Company	88.03
1751	James L. Hall	282.40
1752	Halleck & Howard Lumber Co.	138.40
1753	Jack Hancock	29.96
1754	Frederick A. Harris	65.00
1755	Hassco, Inc.	43.80
1756	Heath Company	26.70
1757	Ivan L. Habel	31.50
1758	W. Haffer & Sons Ltd.	7.70
1759	Hendrie & Bolthoff Company	19.75
1760	Nettinger Dental Supply Co.	5.25
1761	A. B. Hirschfeld Press, Inc.	6,731.50
1762	Johns Hopkins University	50.00
1763	Hughes Associates	4.50
1764	Independent Oil & L. P. Gas	46.20
1765	Institute of Metals	4.65
1766	International Business Machines Corporation	937.31
1767	Inter-State Radio & Supply Co.	13.53
1768	Iron Age	22.50
1769	Johnson Hardware, Inc.	24.48
1770	Walter J. Johnson, Inc.	14.85
1771	Joy and Cox, Inc.	67.16
1772	K. C. Construction Supply Co.	23.00
1773	Kellogg's Hardware, Inc.	2.93
1774	Harry E. Kelsey	8.40
1775	Kendrick-Bellamy Co.	38.40
1776	Harry C. Kent	10.45
1777	Kauffel & Esser of Colorado, Inc.	222.30
1778	Kistler's	3.14
1779	Knight-Campbell Music Company	60.00
1780	Kohler McLister Paint Co.	42.51
1781	Truman H. Kuhn	11.48
1782	Lahana & Co.	1,075.00
1783	Liaison Studios	67.00
1784	Lakewood Glass Company	6.03
1785	Lendis & Gyr, Inc.	70.80

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1786	Arthur S. LaPine & Co.	100.40
1787	Leads & Northrup Company	299.68
1788	Oscar H. Lentz	41.02
1789	S. O. Lindahl Photo Sales, Inc.	66.96
1790	Lowe & Campbell Athletic Goods	24.33
1791	Luxor Lighting Products, Inc.	91.07
1792	McGraw-Hill Publishing Co., Inc.	19.77
1793	McMurtry Mfg. Co.	665.61
1794	Scott J. Marshall	46.29
1795	Martin's Sheet Metal	741.14
1796	Harritt Tire Shop	182.44
1797	Metal Goods Corporation	140.44
1798	Mayer Hardware & Sporting Goods, Inc.	53.83
1799	Midwest Sales Co.	571.00
1800	Miner's Assay Office	40.50
1801	Ministry of Power	12.22
1802	Minneapolis-Honeywell Regulator Co.	1,405.90
1803	Mine Safety Appliances Co.	20.00
1804	Mine and Smelter Supply Co.	448.22
1805	Moore Business Forms, Inc.	24.78
1806	Motor Car Pool (Revolving Fund)	26.13
1807	Mountain & Plain Paint Co.	4.28
1808	Mountain States Telephone & Telegraph Co.	1,761.50
1809	Mount Vernon Country Club	290.00
1810	Murray Equipment Co.	48.60
1811	Mutual Furniture & Fixture Co.	73.60
1812	National Mine Service Co.	50.00
1813	Natural History Book Club	5.26
1814	Mrs. Robert W. Newton	15.00
1815	New York Times, Dr.	39.00
1816	Carl G. Nordquist	21.98
1817	W. W. Norton & Co., Inc.	17.40
1818	O'Meara Motor Co.	276.61
1819	Ottawa Silica Company	5.00
1820	Packaging Corporation of America	51.23
1821	Paramount Cleaners-Dyers	85.75
1822	Ben Parker, Jr.	8.40
1823	L. J. Parkinson	12.74
1824	Frank Paxton Lumber Co.	802.58
1825	J. S. Payne	15.00
1826	Pergamon Press, Inc.	13.85
1827	William R. Peters	12.74
1828	Petroleum Information Corporation	13.75
1829	John W. Pickethall	18.27
1830	Plasticrafts, Inc.	125.64
1831	Poindexter Electric Co.	13.88
1832	Postmaster--Golden, Colorado	1,000.00
1833	Precision Specialties Company	32.80
1834	Public Service Co. of Colorado	238.98
1835	Rand McNally & Company	5.51
1836	Reader Microprint Corporation	117.58
1837	W. H. Reinbold	135.00
1838	C.S.M. Revolving Fund	633.81

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1839	Riley's	28.73
1840	John Rinchart	30.94
1841	Rockmont Envelope Co.	35.25
1842	Rocky Mountain Bank Note Co.	125.00
1843	Rocky Mountain Science Council	15.00
1844	Rocky Mountain Seed Company	115.00
1845	David A. Rowland	53.00
1846	Royal McBee Corporation	58.73
1847	Raudy Fertilizer Plant	1,401.75
1848	Ryell Electric Supply Co.	67.52
1849	James L. Senkowitz	34.30
1850	Schloss & Shubert	7.77
1851	Scribbler's Book Co.	230.13
1852	J. A. Samsuer Mfg. Co., Inc.	32.64
1853	Silver State Printers	240.00
1854	Simon and Schuster, Inc.	6.04
1855	Francis H. Smiley, Jr.	52.00
1856	Societe Geologique de France	7.00
1857	Sondie & Bronelle	78.12
1858	Southwestern Industrial Electronics Company	212.00
1859	Southwest Publishing Co.	6.56
1860	Southwest Sewer Tool Company	16.45
1861	Speedo Tack Service, Inc.	7.65
1862	Spitzer Industrial Products Co.	15.90
1863	Stanleys Plastics	35.00
1864	State Purchasing Dept.--Revolving Fund No. 2101	985.42
1865	Stachert-Hafner, Inc.	91.78
1866	Steel Partitions, Inc.	82.93
1867	Gurnett Steinheuer	9.10
1868	Strawn's Stationery	1,006.47
1869	Taylor Instrument Companies	235.00
1870	Technical Equipment Corporation	12.90
1871	Thermo Electric Co., Inc.	9.73
1872	Thermo Electric Manufacturing Co.	5.35
1873	Chris Teles	159.22
1874	Transport Clearings of Colorado, Inc.	29.67
1875	G. Unger	28.00
1876	Universal Tractor Company	7.36
1877	University of Colorado--Bureau of Audio Visual Instruction	6.50
1878	University Club	96.65
1879	University Hill Travel Center	43.40
1880	Union Pacific Railroad	64.20
1881	Union Supply Co.	7.66
1882	United Materials, Inc.	62.00
1883	United Tool & Material Co.	89.56
1884	U.S. Dept. of Agriculture, Forest Service	7.00
1885	U.S. Dept. of Agriculture, Soil Conservation Service	60.00
1886	U.S. Geological Survey	13.98
1887	U.S. Welding Works Co., Inc.	108.80
1888	John W Vanderwilt	14.02