

STATEMENT OF PURPOSE REGARDING MINES PARK

The primary purpose in the establishing of the Mines Park project was and remains the supplying of adequate faculty housing at reasonable rates. It is an attempt to overcome, at least in part, the lack of adequate housing in the community of Golden.

It also is intended that, until existing and future faculty housing needs are met, profits from Mines Park rentals in excess of the amount needed to pay off outstanding bonds should be used to build additional faculty housing facilities.

Golden, Colorado
January 14, 1952

The Board of Trustees met in special session on January 14, 1952, at 10:00 A.M., at the President's Office, Colorado School of Mines, Golden, Colorado. This meeting was in lieu of the regular meeting of January 8, 1952.

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

Absent: Mr. Harrison.

President Vandervilt attended the meeting.

Bills against the U. S. MINERAL LEASING ACT, the EXPERIMENTAL PLANT FUND, the SCHOOL OF MINES TAX FUND, the SPECIAL BUILDING FUND, the MILL LEVY BUILDING FUND, and the ATHLETIC ASSOCIATION FUND were read, audited and allowed as follows:

SCHOOL OF MINES U. S. MINERAL LEASING ACT

FACULTY

58	Paul H. Anderson	\$ 261.90
59	James L. Atteberry, Jr.	260.55
60	Henry A. Babcock	313.41
61	James O. Ball	429.59
62	Clark F. Barb	432.34
63	Paul F. Bartunek	303.36
64	George T. Bator	364.22
65	Robert L. Baugh	255.01
66	Victor W. Bauman	269.56
67	Robert A. Baxter	361.30
68	Fritz S. Brennecke	395.34
69	H. Dean Burdick	321.50
70	William V. Burger	351.11
71	Frank R. Campbell	285.57
72	Clark B. Carpenter	418.49
73	Frederick M. Carpenter	319.54
74	Robert H. Carpenter	324.42
75	William J. Chapis	270.61

SCHOOL OF MINES U.S. MINERAL LEASING ACT

FACULTY PAYROLL

19	John H. Coke	312.09
20	William Colburn	216.15
21	Douglas R. Cook	180.79
22	George S. Cook	328.56
23	Joseph E. Davies	322.76
24	Russell L. Davis	239.35
25	Raymond R. Dickison	340.36
26	Hazel M. Duer	227.46
27	Walter H. Dunke	318.31
28	Arthur K. Erickson	261.02
29	Robert W. Evans	260.29
30	Edward G. Fisher	314.47
31	Delton D. Flanders	368.60
32	Hilbert E. Fletcher	305.35
33	George D. Fraser	256.91
34	Leroy W. Goodwin	332.01
35	Albert L. Gosman	228.25
36	Allen D. Gray, Jr.	190.75
37	Donald C. Gregg	238.35
38	Leonard B. Gulbransen	289.05
39	Raymond E. Gutzman	271.39
40	L. W. Hartkemeier	347.89
41	Ivan L. Hebel	380.89
42	Julius A. Heeren	327.81
43	George W. Heim	271.36
44	K. S. Herness	213.94
45	John C. Hollister	431.76
46	Ralph C. Holmer	272.01
47	William Horblit	245.59
48	Warren W. Howe	358.55
49	Robert S. Hufstедler	251.99
50	E. B. Jacobs	272.66
51	Mirko Jancic	240.54
52	George W. Johnson	274.37
53	Harlan J. Johnson	311.20
54	D. C. Johnston	332.70
55	William H. Journey	373.79
56	John M. Karamigios	201.37
57	Paul H. Keating	279.52
58	Albert M. Keenan	354.64
59	E. A. Dehn	136.17
60	John J. Kelley	466.24
61	T. A. Kelly	340.74
62	Harry E. Kelsey	304.84
63	Truman H. Kuhn	367.40
64	George W. LeHaire	296.59
65	L. W. LeRoy	362.64
66	William S. Levings	269.56
67	C. W. Livingston	438.74
68	Allan V. Long	375.99
69	Hershiel McGraw	231.50
70	T. B. McPherson	285.34
71	Warren J. Mason	258.46
72	W. D. Matear	285.65
73	George T. Merideth	347.65
74	William M. Mueller	274.81
75	Thomas R. Myers	278.86
76	Carl G. Nordquist	272.56
77	Robert B. Osborn	311.84
78	Thomas E. Paynter	316.44
79	A. L. Pierce	213.41

SCHOOL OF MINES U.S. MINERAL LEASING ACT

FACULTY PAYROLL

80	Ronald D. Preston	331.40
81	Arthur L. Ras	321.99
82	Stanley Reichert	272.01
83	W. M. Richtmann	378.24
84	Paul A. Rodgers	244.92
85	Frederick K. Sabott	247.36
86	Theodore Schreiber	98.00
87	Harlan E. Short	332.04
88	M. I. Signer	486.04
89	Francis E. Smiley, Jr.	273.99
90	Morton C. Smith	360.43
91	Raymond V. Smith	246.14
92	Sigmund L. Smith	278.46
93	Gladys W. Sparr	215.76
94	Charles W. Starks	275.87
95	Gurnett Steinhauer	476.55
96	Alan W. Stewart	256.37
97	John W. Vandervilt	622.20
98	Arthur B. Van Tine	260.91
99	F. M. Van Tyl	399.74
100	Warren R. Wagner	335.67
101	Leon S. Ward	400.36
102	Arthur F. Wichmann	351.39
103	Virginia Lee Wilcox	217.76
104	Art Williams	263.09
105	G. D. Wispress	418.55
TOTAL FACULTY PAYROLL		32,338.84

SCHOOL OF MINES U.S. MINERAL LEASING ACT

CIVIL SERVICE PAYROLL

106	Arthur M. Angell	185.27
107	George S. Atkinson	190.00
108	C. A. Bacon	176.37
109	Miriam W. Bain	155.45
110	Tom Bernatis	167.90
111	Marilyn E. Bolender	168.65
112	Delbert L. Boone	185.22
113	Joseph Frank Braun	145.70
114	W. F. Bridges	187.85
115	Edward Brill	185.25
116	Harold V. Brobeck	200.75
117	William D. Caldwell	153.60
118	Walter Bruce Carver	153.65
119	Paul L. Chambers	168.60
120	Willa Jean Charon	149.85
121	Engra M. Childers	197.67
122	J. L. Cooper	175.80
123	Earl Dickens	288.30
124	Harold Ross Dillon	183.30
125	Sterling L. Dryden	175.84
126	Fred D. Easley	217.47
127	John Guy Foster	142.15
128	Howard H. Fowler	266.50
129	Agnes M. Greenaway	168.65
130	Joyce Hall	157.55
131	Bert F. Harrison	177.85
132	C. G. Hemberger	239.82
133	J. J. Hemberger	243.10

SCHOOL OF MINES U.S. MINERAL LEASING ACT

CIVIL SERVICE PAYROLL

134	Chester P. Herr	181.80
135	Vernon Lee Hopwood	16.66
136	Violet K. Horning	184.12
137	Carl Hall Hungness	185.22
138	Robert William Johnson	164.70
139	John D. Knopf	209.70
140	Edward Lange	169.30
141	William Lee	202.57
142	Rudolph Lietz	153.65
143	Denzil W. Lingo	139.00
144	Donald I. Jungvall	297.00
145	Orville O. Loving	220.70
146	Margaret McCann	164.70
147	Antonio E. Manchego	171.00
148	Vasil Costadin Mandiloff	156.80
149	Charles Marchand	212.50
150	Thomas Marvin	146.10
151	Lois H. Matthews	138.80
152	Walter Mattson	201.40
153	G. F. Naughan	219.62
154	Chris Mester	192.15
155	Peter Mineff	160.75
156	Flore Moscoen	160.75
157	Clarence Nicholls	224.97
158	M. F. O'Neil	194.32
159	Consuelo A. Owens	122.34
160	Mary M. Paddleford	180.50
161	Jesse Elza Payne	185.22
162	Jose M. Perez	166.25
163	John W. Pickthall	260.87
164	Dorothy J. Prouse	162.10
165	Jacob T. Pyle	168.30
166	John D. Ratcliff	195.65
167	James R. Rich	211.65
168	Robert H. Richards	240.60
169	Rose Marie Rowe	164.47
170	Ruth N. Sackett	164.35
171	Albert E. Simpson	203.55
172	James Smith	208.47
173	Mary C. Smith	187.62
174	Leslie P. Talbert	166.30
175	Charles S. Thomas	170.75
176	Herman Christian Van Elois	152.10
177	Marion Vinson	238.62
178	Loren H. Wason	142.55
179	Ernest E. Waters	254.92
180	Louise M. Waters	180.95
181	A. G. Webster	196.65

TOTAL CIVIL SERVICE PAYROLL

13,915.07

SCHOOL OF MINES U.S. MINERAL LEASING ACT

MISCELLANEOUS PAYROLL

182	Roshan B. Bhappu	90.70
183	E. F. Birdsall	90.70
184	Louise Burns	185.30
185	Russell Campbell	185.30
186	Pat Carney	35.20

SCHOOL OF MINES U.S. MINERAL LEASING ACT

MISCELLANEOUS PAYROLL

187	Viola Chamney	48.00
188	Peter Conti	175.00
189	Margaret Phyllis Cook	169.50
190	Clint E. Danley	151.30
191	Harold H. Barhart	335.15
192	Phyllis Jean Floor	155.35
193	Hildreth Frost, Jr.	100.00
194	J. H. Godfrey	162.40
195	Donald Gordon	196.13
196	Clyde G. Gregory	281.70
197	Elizabeth Jane Greve	174.20
198	Niles E. Grosvenor	100.00
199	Katherine L. Harrold	163.10
200	Marian P. Hollingsworth	48.00
201	Betty L. Johnson	164.70
202	Howard A. Kerr	182.21
203	Edward C. Koehler	50.00
204	Ethel N. Kromsich	163.10
205	Dorothea Kryszuk	170.00
206	Charles A. McAllister	100.00
207	Ian H. Mackay	90.70
208	Joe Mancho	151.30
209	Bettie Elena Mannon	163.10
210	Charles A. Melbye	90.70
211	Lorraine R. Merwin	174.20
212	Harry W. Meyer	74.52
213	Jo Ann Minnick	38.40
214	Onance Moore	149.60
215	Jean J. Norem	171.80
216	John H. Perez	151.30
217	Joseph Perry	197.80
218	Marilyn Frances Pozzo	174.20
219	Dorothy J. Rae	19.80
220	Roy Amalendu	90.70
221	Joseph Shoaf	100.00
222	Minnie Simpson	47.60
223	Faye D. Sivers	246.70
224	Rose N. Skipper	190.00
225	Jean J. Ternstrom	174.20
226	Warren Tripp	162.40
227	Shirley Tryman	158.90
228	Charles D. Tyler, Jr.	90.00
229	Ruth B. Van Orsdel	160.56
230	William Weiler	162.40
231	Emma Lou Wilson	160.55
TOTAL MISCELLANEOUS PAYROLL		7,068.37

SCHOOL OF MINES U.S. MINERAL LEASING ACT

STUDENT HELP PAYROLL

232	Behram K. Anita	26.25
233	Howard April	6.00
234	James S. Ault	14.25
235	George H. Ball	18.75
236	Lloyd Best	9.75
237	Carl L. Bieniewski	7.13
238	Harry E. Blackburn	37.88

SCHOOL OF MINES U.S. MINERAL LEASING ACT

STUDENT HELP PAYROLL

239	Richard Bolander	12.75
240	James H. Bright	12.75
241	Gerrett H. Bryant	13.75
242	Bernard F. Burford	9.00
243	George A. Carlisle	11.25
244	A. B. Coady	15.38
245	Charles J. Curtis	4.13
246	E. W. Davis, Jr.	18.00
247	Jerry L. Euser	22.50
248	Joe F. Felber	22.50
249	Gerald E. Gould	33.00
250	Robert N. Jensen	18.75
251	Jason Johnson	75.00
252	Harry C. Kent	3.75
253	Robert E. Learned	66.75
254	Duane O. LeRoy	5.25
255	Alain Lipton	40.00
256	Charles M. Mallette	23.25
257	Albert Matthew	39.00
258	William F. Oline	18.38
259	R. E. Oppel	10.50
260	Thomas J. Piersall	18.75
261	Robert Pozzo	21.00
262	Joe Rebeck	29.25
263	C. Ted Robinson	45.00
264	Amalenda Roy	12.38
265	E. S. Rugg	45.00
266	Al Sabitay	24.75
267	Fernan M. Sanlav	6.75
268	Fred E. Schwartzberg	54.00
269	Max B. Settlesyre	31.50
270	Kenneth N. Simonsen	7.50
271	Cecil Smith	33.75
272	Mark Spaeth	10.50
273	Roger K. Steele	30.00
274	Homi J. Tata	27.13
275	Charles Trautmann	21.75
276	Forrest S. Woodside	6.00
277	Richard Zperb	11.25

TOTAL STUDENT HELP PAYROLL

1,036.91

4	Withholding Tax
5	Retirement
6	Blue Cross
7	Employee's Association Insurance
8	War Bonds
9	State's Share Association

6,460.00
2,751.88
654.85
32.70
426.00
2,801.42
64,247.52

TOTAL PAYROLL

67,048.94

EXPERIMENTAL PLANT

CIVIL SERVICE PAYROLL

63	Frances Louise Brewsaugh	151.05
64	Clair E. Dillon	204.17
65	B. R. Eldredge	247.77
66	Samuel Gamble	221.45
67	Edwin J. Harding	222.80

EXPERIMENTAL PLANT

CIVIL SERVICE PAYROLL

68	Fred Ljungvall	199.52
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MISCELLANEOUS PAYROLL

69	Wilburn F. Anderson	146.15
70	Thomas Don Andrews	332.70
71	Paul W. Harrell	187.35
72	Vernon L. Mattson	342.09
73	Jerome R. Tichy	181.80

TOTAL EXPERIMENTAL PLANT

2,436.85

26	Withholding Tax	298.10
27	Retirement	95.72
28	Blue Cross	50.90

TOTAL EXPERIMENTAL PLANT PAYROLL

2,881.57

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

909	Academic Press Inc.	13.00
910	Ace Kaufmann Co.	7.08
911	Owen F. Acres	12.50
912	Ad Foto Engraving Co.	38.25
913	Addressograph-Multigraph Corp.	1,963.16
914	American Ass'n. of Advancement of Science	7.50
915	The American Ceramic Society	20.00
916	American Furniture Co.	87.95
917	American Gear Manufacturers Ass'n.	14.00
918	American Institute of Physics	20.00
919	Applied Research Laboratories	85.25
920	American Radiator Corp.	61.76
921	Charles Delse Ass'n.	15.00
922	Ann Arbor Instrument Works	155.82
923	Bacon & Schramm, Inc.	1,317.58
924	Baker Auto Rental, Inc.	35.92
925	Baldwin-Lima-Hamilton Corp.	42.82
926	W. A. Ballinger & Co.	24.70
927	Bartch Service & Supply Co.	9.75
928	George T. Bator	29.38
929	R. R. Bowker, Col	25.09
930	Bradford-Robinson Printing Co.	12.50
931	Fritz Brennecke	9.66
932	Burch Warehouse & Transfer Co.	7.57
933	H. Dean Burdick	188.17
934	William V. Burger	22.80
935	Burt & Banks, Inc.	221.25
936	Butler Paper Co.	24.70
937	Cardwell Blueprint & Supply Co.	32.35
938	R. F. Cargille	60.00
939	Carpenter Paper Company	2,950.49
940	Carson Brothers	485.76
941	Central Electric Supply Co.	73.32
942	Central Scientific Co.	62.28
943	C. & H. Excavating Co.	207.00
944	The Chemical Publishing Co.	12.70
945	Christian Science Publishing Co.	6.50
946	Robert F. Clark, Co.	195.97
947	Clayton Coal Co.	2,592.25

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

948	Colorado Central Power Co.	1,929.27
949	Colorado National Guard	100.00
950	C. S. M. Research Foundation	363.70
951	Colorado Transcript	74.75
952	Continental Oil Co.	6.95
953	Craig Frederick Chevrolet Co.	18.38
954	Crane O'Fallon Co.	364.69
955	John P. Currier & Co.	6.50
956	Daffenbaugh's Lumber Store	420.00
957	Denver Blueprint Company	41.17
958	Denver Equipment Co.	1,021.81
959	Denver Fire Clay Co.	1,286.41
960	Denver Machine Shop	1,435.80
961	Denver Safeway Scaffold Co.	32.00
962	Denver Sewer Pipe & Clay Co.	97.44
963	Clair Dillon	15.00
964	Dining Hall	14.85
965	R. W. Dinkmeyer	12.25
966	Dixon & Company	34.65
967	Duvall Davison Lumber Co.	290.78
968	Economic Geology Publishing	5.00
969	Educational & Institutional Service	333.22
970	The Edwards Laboratory	10.00
971	E. I. DuPont De Nemours & Co.	17.75
972	Elgin National Watch Co.	415.00
973	Elliott-Schmidt Electric Supply	5.10
974	E-Z Way Laundry	136.25
975	Fischer & Porter Co.	142.20
976	Foss Drug Co.	313.09
977	M. L. Foss Co.	679.90
978	Foss Supply Co.	28.00
979	Frankel Carbon & Rabbon Co.	57.74
980	The Galiger Co.	324.00
981	General Electric Co.	26.73
982	General Electric Supply Corp.	150.55
983	Geological Society of America	8.00
984	B. F. Goodrich Co.	9.14
985	Leroy W. Goodwin	37.47
986	Clyde G. Gregory	5.70
987	Groimes Pipe & Supply Co.	166.03
988	Emil Greiner Co.	49.16
989	Graphic Process Service	37.94
990	Gaanstad's	5.00
991	Handy & Harman	1,900.21
992	George Hastings Co.	44.19
993	Julius A. Heeren	20.69
994	George W. Heim	53.23
995	Hendrie & Heltoff Co.	280.30
996	John C. Hollister	36.97
997	Hungington Laboratories	49.50
998	International Business Machines	295.75
999	Interstate Radio and Supply Co.	150.13
1000	Richard Ives Co.	37.93
1001	Johnson Reprint Corp.	181.20
1002	Johnson Supply Co.	26.36
1003	Albert M. Keenan	245.59
1004	Kellogg's Hardware	16.51
1005	Kendrick-Bellamy Co.	1,919.53
1006	W. H. Kistler Stationery Co.	327.57
1007	Kohler-McLister Paint Co.	36.47

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1008	Hans L. Lunday	64.75
1009	Leeds & Northrup	813.50
1010	Lepal Laboratories, Inc.	3,620.00
1011	S. O. Lindahl Sales, Inc.	12.75
1012	A. C. McClurg & Company	6.67
1013	James D. McLean, Jr.	10.00
1014	The McMurty Mfg. Co.	10.80
1015	Art Malnati, Inc.	10.93
1016	Mechanization	5.00
1017	George T. Merideth	31.50
1018	Meyer Hardware & Sporting Goods	43.39
1019	The Mine & Smelter Supply Co.	1,629.27
1020	Mineralogical Society of America	8.00
1021	Minerals Unlimited	58.79
1022	Mine Safety Appliances Co.	24.00
1023	The Mine Supply Co.	26.95
1024	Montgomery Ward & Co.	1,170.00
1025	Moorlane Company	207.76
1026	Flore Morosan	15.00
1027	Mountain & Plain Paint Co.	69.63
1028	Mountain States Tel. & Tel. Co.	535.43
1029	New York Times	12.50
1030	C. A. Norgren Co.	87.44
1031	Alexander Novitsky	8.50
1032	Oregon Lumber Co.	27.73
1033	Paramount Cleaners - Dyers	152.70
1034	Frank Paxton Lumber Co.	146.62
1035	Petroleum Information	25.00
1036	Petroleum Press Service	8.15
1037	John W. Pickthall	18.13
1038	Pitney Bowes, Inc.	12.25
1039	Plasticrafts Company	18.68
1040	Plywood Denver, Inc.	417.04
1041	Prefabricators, Inc.	151.91
1042	Precision Equipment Co.	89.17
1043	Public Service Company of Colo.	400.62
1044	Albert I. Quist	11.55
1045	Radio Sales Company	65.77
1046	Ned Tiger Products, Inc.	59.00
1047	Reliable Typewriter Co.	7.50
1048	Remington Rand, Inc.	187.50
1049	C. S. M. Revolving Fund	384.10
1050	Richy's Refrigeration Service	77.48
1051	Riley's Reproductions	26.40
1052	The Rio Grande Fuel Co.	63.14
1053	Royal Typewriter Co.	137.50
1054	Sanitary Specialties Co.	10.80
1055	Shade & Bell, Inc.	5.30
1056	The Seismological Society of America	5.00
1057	M. I. Signer	7.27
1058	Jack Silver	10.00
1059	Silver State Printers	15.35
1060	Society of Economic Pal. and Min.	10.00
1061	Son Flower Shop	11.68
1062	The Sporting News	8.50
1063	Stacey's Books	139.29
1064	State Purchasing Agent	141.16
1065	Steel	10.00
1067		

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1066	Gurnett Steinhauser	15.46
1067	Straw's	72.22
1068	Swartchild & Company	6.61
1069	Suena Transfer & Express	362.50
1070	Union Supply Company	302.97
1071	U.S. Government Print Office	50.00
1072	U.S. Welding Works	17.34
1073	University Club	19.20
1074	U.S. News & World Report	10.00
1075	John W Vanderwilt	185.55
1076	Venetian Blind Laundry	6.15
1077	L. E. Walker Radio	8.25
1078	The Wall Street Journal	20.00
1079	Leon S. Ward	3.64
1080	Ward's Natural Sciences Est.	215.33
1081	Warneke Paper Box Co.	76.23
1082	Washington Academy of Sciences	15.00
1083	Weaver Electric Co.	46.00
1084	Western Machinery Co.	40.80
1085	Western Typewriter Co.	28.75
1086	Westinghouse Electric Corp.	178.46
1087	Williams & Wilkins Co.	25.70
1088	The H. W. Wilson Co.	229.53
1089	G. D. Wimpess	52.13
TOTAL SUPPLY VOUCHERS		40,640.12

SPECIAL BUILDING FUND

8	F. J. Kirchoff Construction Co.	23,714.00
9	McCarty Johnson, Inc.	7,557.00
TOTAL SPECIAL BUILDING FUND		31,271.00

MILL LEVY BUILDING FUND

103	Central Scientific Co.	1,961.62
104	City of Golden	325.00
105	Jussell Electric Co.	1,361.00
106	Kistler Stationery Co.	316.20
107	McCarty Johnson, Inc.	5,765.00
108	Platt Rogers, Inc.	20,113.00
TOTAL MILL LEVY BUILDING FUND		20,841.62

ATHLETIC ASSOCIATION FUND

1147	American Ass'n. College Football Coaches	5.00
1148	Wilburn F. Anderson	15.00
1149	The Arvada Enterprise	3.92
1150	Athletic Revolving Fund	1,047.19
1151	Mr. Robert Bach	1.00
1152	Mr. Harold Brobeck	5.00
1153	Mr. Gregg Browning	21.30
1154	Julius J. Carabelle	42.60
1155	Colorado Transcript	15.19
1156	Dale Deane's	.86
1157	The Denver Post	74.20
1158	E. J. D'Haillecourt	16.30
1159	H. F. Dunkmann	12.00

ATHLETIC ASSOCIATION FUND

1160	Foss Drug Company	1.60
1161	Gougar & Todd	2.50
1162	Richard Hotton	42.60
1163	Jefferson Sentinel	15.00
1164	Jimmy's Shoe Shop	33.70
1165	Bill Juengling	21.30
1166	John R. Kohn	5.00
1167	John W. Lloyd	21.30
1168	Love and Campbell	8.26
1169	Don McLahan	15.00
1170	The Outlook Publishers	15.00
1171	Tom Regan	6.95
1172	The Rocky Mountain News	39.20
1173	R. W. Rodde	.50
1174	Will Rotman	16.30
1175	Saint Anthony Hospital	15.80
1176	H. A. Saunders	21.30
1177	H. A. Saunders	16.30
1178	School - Aid Company	2.08
1179	Stram's Book Store	11.95
1180	Willard W. Townsend	16.30
1181	Willard W. Townsend	16.30
1182	Martin Tretsky	16.30

TOTAL ATHLETIC ASSOCIATION FUND

1,260.10

The minutes of the regular meeting of December 14, 1951, were read, corrected, and approved.

President Vanderwilt presented two parchment diplomas for signature, one for Luis Humberto Aguirre who received an Engineer of Mines degree on September 5, 1951, and one for Francisco Vidal Fernandez who received an Engineer of Mines degree on July 7, 1951. These diplomas were signed by L. C. Thomas, President of the Board of Trustees, Max W. Bowen, Secretary of the Board of Trustees, and John W Vanderwilt, President of the school.

Mr. Steinhauer joined the Board of Trustees to present and review the following monthly statements: Summary of Budget Appropriations and Disbursements No. 6, as of December 31, 1951; the Balance Sheet as of December 31, 1951; the Profit and Loss Statement for the Dining Hall from November 27 through December 19, 1951; the Profit and Loss Statements for the Canteen, the Dining Hall and Canteen (combined), Mines Park, Prospector Park, Veterans' Housing (Trailers) for December 1951; the Trial Balance as of December 31, 1951, and the Profit and Loss Statement from September 6, 1951 to December 31, 1951 of the 1951-52 Health and Accident Plan of the Associated Students of the Colorado School of Mines, Inc.; the statement of the Mill Levy Building Fund as of December 31, 1951; and the statement of the Special Building Fund as of December 31, 1951.

After recessing for lunch at the School Dining Hall, the members of the Board, together with President Vanderwilt and Mr. Steinhauer, reconvened in the President's Office.

Mr. Steinhauer briefly summarized the conversations he had had with Mr. Quaintance concerning the six lots which the school wished to acquire and concerning which Mr. Quaintance made an oral offer to sell to the school for \$4,000. President Vanderwilt stated that the State Planning Commission had already given its approval to this purchase subject to the authorization of the Board of Trustees. Mr. Thomas expressed the view that although this price probably was too high from the point of view of private use for the lots, the cost could be justified considering the location of the ground, which was to be used for development of dormitories, with respect to other holdings of the school. Thereupon it was moved by Mr. Bowen, seconded by Mr. Stockmar and unanimously passed, that the Board of Trustees proceed on behalf of the Colorado School of Mines to purchase

Lots 5 and 6, Block 64, South Golden and
Lots 4, 5, 6 and 9, Block 49, South Golden

for the sum of \$4,000; and, further, that Mr. Steinhauer be authorized to negotiate with Mr. Quaintance for the purchase of the lots as soon as possible. It was mutually agreed that the Quaintance lots should be paid from the General or Tax Funds of the school.

A review was given by President Vanderwilt of the status of the action of the Presidents of the Institutions of Higher Learning on the appropriation requests for the estimated budgets of each school for 1952-53. A number of joint meetings of the presidents and business managers had been held, and it was mutually conceded that no agreement as to allocation of funds was considered possible unless \$1,000,000 more than the State Controller's budget became available. If an additional \$1,000,000 became available, the six other schools were in agreement as

to an allocation that would provide them with 95% to 105% of their original estimated budgets, and the Colorado School of Mines only 88% of its estimated budget. The other six schools were justifying their stand on the basis that they were convinced that the School of Mines' budget for capital expenditures was excessive. In appearing before the Sub-Appropriations Committee, the School of Mines had defended its position by explaining its need for capital expenditures as the reason for not agreeing to the allocations proposed by the six other institutions and that the final decision as to allocations would have to be left to the Sub-Appropriations Committee. The seven institutions had urged the Sub-Appropriations Committee to make additional allowances for salary increases that might be granted through legislative action to Civil Service employees. A discussion followed and it was the consensus of the members of the Board that the allocation of funds insisted on by the six other institutions was not acceptable because it provided materially greater financial advantage to the six schools sponsoring the allocation than was provided for the Colorado School of Mines.

A letter from Lawrence G. Trueheart, Right-of-Way Engineer, Colorado State Highway Department, was read. The letter outlined the results of a lawsuit which would prevent the Highway Department from fulfilling its contract agreement with the school. Mr. Trueheart's reference to an oral understanding which might excuse the Highway Department from further responsibility was discussed. Neither the members of the Board, President Vandervilt, nor Mr. Steinhauer could recall any oral understanding which was at variance with the terms of the contract. At Mr. Thomas's request, Mr. Stockmar agreed to get in touch with representatives of the Highway Department and to look into the matter.

President Vandervilt explained plans under consideration for the preparation of an information bulletin for faculty and other school employees. A statement would be included on the purposes and objectives of Mines Park housing. In the discussion that followed, Mr. Thomas expressed the view that such a statement could well be made in the proposed information bulletin. It was mutually agreed that the statement should bring out the facts that Mines Park was originally planned to provide, at reasonable rental, suitable housing not otherwise available in Golden; that the project had to be self-liquidating because under the State law tax funds were not available for such use; and that income from rent over and above operating costs would be used for financing additional faculty housing as needed, but that the income from Mines Park would not be limited to faculty housing and could be applied to student housing at any time the latter was considered necessary or desirable.

Mr. Steinhauer reported on the progress of discussions with the Student Council concerning suggested procedure for supervision by the Board of Trustees of student funds. The following items had been discussed with the student representatives and seemed to be acceptable to them. The procedure for the 1951-52 second semester would continue as in the past. Beginning with the 1952-53 fall semester per capita allocation of student funds now being made will be abolished. A budget committee composed of one student and the faculty sponsor from THE OREDIGGER, the PROSPECTOR, the Band, the Interfraternity Council, the Student Council, and the president and treasurer of the Student Council, and the Business Manager of the school would meet early after the beginning of school in September. The budget would be presented to President Vandervilt for his review and with his recommendations would be passed on to the Board of Trustees for its consideration and final

approval. The budget would then be set up on the books of the student treasurer whose duty it would be to see that each organization kept within its own budget.

All organizations would submit to the student treasurer invoices for accounts payable. The treasurer would prepare vouchers for these invoices and submit them semi-monthly to the Student Council for approval. After approval, checks would be drawn for payment of these vouchers, and the checks would be sent to the business manager of the school for final approval and mailing from the business office.

As an alternative for these last steps, all student funds could be deposited with the business manager of the school and placed in a special account. The student treasurer would then have the Student Council approve these vouchers and forward them to the business office which would actually draw the checks and send them out to the payees.

A discussion of the suggested procedures followed, and a preference was indicated by the Board of the alternative plan which provided for holding of student funds in a special account with the business manager of the school. Mr. Steinhauer expressed the view that the Student Council probably would accept the alternative plan preferred by the Board. The members of the Board were in agreement that should the students object strenuously to their preferred plan, the other plan would be acceptable, and President Vanderwilt was instructed to attempt to arrange for a formal approval by the Student Council for further consideration by the Board.

Having completed his reports, Mr. Steinhauer left the meeting.

Proposed revisions of the Joint Honor Scholarship plan were discussed. President Vanderwilt reported that the revisions had been accepted by other institutions in the following form:

1. The Joint Honor Scholarship Plan be amended to include the following statement:

Students whose Joint Honor Scholarships have been honored by one of the (Public) Colorado Junior Colleges may transfer the award to one of the four-year State institutions of higher learning, providing, however, that such students shall have met all requirements as stated in the Joint Honor Scholarship Plan.

2. Since the larger high schools are discriminated against by the present limit upon the number of scholarships which may be awarded, it is recommended that Item 1(a) of the regulations which govern the award of scholarships be amended to read as follows:

- (a) From one to 25 graduates, one scholarship.
From 26 to 50 graduates, two scholarships.
From 51 to 75 graduates, three scholarships.
From 76 to 100 graduates, four scholarships.
From 101 to 200 graduates, five scholarships.
From 201 to 300 graduates, six scholarships.
Over 300 graduates, seven scholarships.

In discussion it was brought out that this revision of the Joint Honor Scholarship Plan was not expected to affect materially the number of scholarships at the Colorado School of Mines and that the administration of the Joint Honor Scholarship Plan would remain with the four-year State institutions of higher learning. On motion placed by Dr. Parker, seconded by Mr. Stockmar and unanimously passed, the revision, to be effective beginning with the 1952-53 school year, was approved.

President Vanderwilt gave an account of the circumstances leading to the dismissal of the editor of THE OREDIGGER because of the publication of a "Goof Edition" on January 8, 1952, which contained vulgar and indecent material.

The names of Robert D. Mehl, L. F. McCollum, and Donald M. Liddell were presented by President Vanderwilt as possible Commencement speakers for consideration by the Board of Trustees.

President Vanderwilt reviewed the work accomplished in the field of public relations and development and outlined the following tentative plans:

1. The appointment of a full-time man as soon as possible, but not before the appropriation request is known, for news work and photography at an estimated salary of \$300 to \$325 a month.
2. Consideration of attendance by Mr. Wimpres of the meetings of the Board of Trustees, beginning sometime in the near future.
3. Plans to visit alumni sections by President Vanderwilt and Mr. Wimpres in Washington, D. C. and New York in February; various groups in Texas and Alabama by Coach Erennecke in February; Los Angeles, San Francisco and Seattle by President Vanderwilt and Mr. Wimpres in March; and Casper, Wyoming, and Butte, Montana, by Coach Erennecke in March or April. The estimated cost to the Colorado School of Mines Foundation, Inc. was \$2,000.
4. Membership in the Denver Club by the Colorado School of Mines Foundation, Inc.

A discussion followed before general approval of the proposals was indicated, and final action on Item 1 was deferred until the outcome of the special appropriation results become known. Mr. Stockmar discussed the status of the Colorado School of Mines Foundation, Inc. and expressed the view that the funds contributed for public relations and development during the past several months could be made available in time for anticipated expenses in February.

Awarding of the Van Diest Medal was discussed, and it was mutually agreed that an attempt should be made to present such a medal this year.

There being no other business, the meeting adjourned at 4:00 P.M.

Secretary

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE CHIEF ENGINEER
Field Engineering and Monitoring Division

Address Reply To:

521 New Custom House
Denver 2, Colorado

February 7, 1952

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

Dear Dr. Vanderwilt:

This refers to our conversation at your office today regarding operation of "carrier current" station KCSM, now operated by the Associated Students of the School of Mines at Golden, Colorado. The station was entered and ordered closed during the night of February 5, 1952, subsequent to a series of field intensity measurements which were made by this office during the month of January at various points in and around Golden.

Although the station is ostensibly a carrier current station with the output of the transmitter being fed into the power lines for distribution throughout the campus, the observations and field intensity measurements indicate that radiation is taking place from other than the power lines. This has been conclusively proved during our investigation and, therefore, the station can be correctly called an unlicensed radio station operating on broadcast frequencies.

For your information, the field strength on 660 kilocycles at a point approximately 1,000 feet southwest of the Experimental Mine Plant, or approximately .4 of a mile from the transmitting site in the gymnasium, has averaged 963 microvolts per meter over a series of measurements. The measurement made on the third harmonic of 1980 kilocycles, indicates that the harmonic emission is in the order of 93 microvolts per meter at this location.

At another location near the City Reservoir south of the campus and near the gateway to the Lookout Mountain road, the measurements have averaged 800 microvolts per meter at a distance calculated to be .7 of a mile from the gymnasium. The signal from KCSM is also quite strong up to the intersection of Highway 40 and the new Clear Creek highway, and can actually be carried by a car radio to the intersection of Colfax and Wadsworth at Lakewood. The signals are also quite strong all over Golden. In addition to this, the signals from KCSM also interfere with reception of signals from CMCU at Havana, Cuba, on the same frequency; and, the third harmonic of 660 kilocycles, or 1980 kilocycles, falls in the 1975 to 2000 kilocycle band presently allocated to the Amateur Radio Service.

There is enclosed a copy of Part 15, Rules Governing Restricted Radiation Devices, which to a certain extent governs the operation of carrier current stations, although not specifically mentioned in the Rules. The equation covering the maximum allowable field strength shown in this Part provides in this particular case that the field strength shall not exceed 15 microvolts per meter at a distance of 232 feet from the apparatus or from the power lines. Section 15.3 states, "The provisions of Sections 15.1 and 15.2 shall not be construed to apply to any apparatus which causes interference to radio reception." For your information, there is quoted below an excerpt from a Commission release dated July 27, 1947:

"There is no provision under the low-power rules which countenance the establishment of a station comparable to presently authorized broadcast stations. By no stretch of the imagination can it be interpreted that the Commission intended low-power devices to be converted into stations for communicating through space by radio, employing call letters selected at random, operating on frequencies assigned to the standard broadcast band."

It is the responsibility of the School of Mines to make field intensity measurements in order to determine that the operation of this radio station is in compliance with these Rules. The measurements must be made by qualified persons using acceptable field intensity measuring equipment, as this Commission is not authorized to engage in engineering measurements or studies in the field such as normally are performed by radio consultants. The Commission's Field Engineers are employed for purposes of enforcing the Communications Act and Regulations in accordance therewith.

This particular information was conveyed over the telephone to Colonel Fertig when he called our office in the Fall of 1950, regarding a new carrier current transmitter which was to be built and placed into operation at the School. During this conversation we did our best to discourage the School authorities from attempting to operate a carrier current station in the broadcast band under any circumstances. We explained to him the difficulties to be encountered in such operation in that the results were often unpredictable and subject to load variations in the power lines, etc. He wanted us to check the operation of the station when it was next put on the air and at that time we explained that the School would have to do its own checking and that we would no doubt make measurements later in an investigative capacity in order to furnish the Commission in Washington with further data on the operation of KCSM. Apparently Colonel Fertig telephoned the office again when the station was ready

to commence operations. However, I was away at the time and it is not known exactly what transpired. It is a foregone conclusion that no implied permission was granted for the operation of KCSM, and this office did not make any measurements at the station at that time or later until January of this year. If Colonel Fertig indicated to the School officials that we had cleared the station for operation this is in error.

Under the Communications Act and the Commission's Rules and Regulations, radio transmitting apparatus other than certain low powered devices operated in accordance with Part 15 of the Commission's Rules and Regulations (formerly Sections 2.101 through 2.105), may be operated only upon issuance by this Commission of a station license covering such apparatus. Moreover, such apparatus, even though duly licensed, may be operated only by persons holding an operator's license issued by this Commission and only in accordance with other pertinent regulatory provisions of the Communications Act or the Commission's Rules and Regulations.

The Regulations covering the use of radio transmitting equipment is covered in Section 301 of the Communications Act of 1934, with Amendments and Index thereto, and the penal provisions are covered under Sections 501 and 502 of this same Act.

It is requested that parties responsible for the operation of this station furnish this office with a statement covering their participation in the operation of station KCSM under the sponsorship of the Colorado School of Mines.

Very truly yours,

/signed/ Wm. E. Clyne

Wm. E. Clyne
Engineer in Charge

WEC:DM
Enc.

Golden, Colorado
February 11, 1952

The Board of Trustees met in special session on February 11, 1952, at 10:00 A.M., at the President's Office, Colorado School of Mines, Golden, Colorado. This meeting was held in lieu of the meeting scheduled for February 8, 1952.

Present: Messrs. Bowen, Harrison, and Thomas.

Absent: Messrs. Parker and Stockmar

President Vanderwilt attended the meeting.

Bills against the U. S. MINERAL LEASING ACT, the EXPERIMENTAL PLANT FUND, the SCHOOL OF MINES TAX FUND, the SPECIAL BUILDING FUND, the MILL LEVY BUILDING FUND, and the ATHLETIC ASSOCIATION FUND were read, audited and allowed as follows:

SCHOOL OF MINES U. S. MINERAL LEASING ACT

FACULTY

1	Paul H. Anderson	\$ 261.90
2	James L. Atteberry, Jr.	260.55
3	Henry A. Babcock	313.41
4	James O. Ball	429.59
5	Clark F. Barb	432.34
6	Paul F. Bartunek	303.36
7	George T. Bator	364.22
8	Robert L. Baugh	255.01
9	Victor W. Bauman	269.56
10	Robert A. Baxter	323.80
11	Fritz S. Brennecke	395.34
12	H. Dean Burdick	321.50
13	William V. Burger	351.11
14	Frank R. Campbell	285.57
15	Clark B. Carpenter	418.49
16	Frederick M. Carpenter	319.54
17	Robert H. Carpenter	324.42
18	William J. Chapis	270.61

FACULTY PAYROLL

19	John M. Coke	342.09
20	William Colburn	216.15
21	Douglas R. Cook	180.79
22	George S. Cook	328.56
23	Joseph E. Davies	322.76
24	Russell L. Davis	239.35
25	Raymond R. Dickison	340.36
26	Hazel M. Duer	227.46
27	Walter H. Dumke	318.31
28	Arthur K. Erickson	261.02
29	Robert W. Evans	260.29
30	Edward G. Fisher	314.47
31	Delton D. Flanders	368.60
32	Hilbert E. Fletcher	305.35
33	George D. Fraser	256.91
34	Leroy W. Goodwin	332.01
35	Albert L. Gosman	228.25
36	Allen D. Gray, Jr.	190.75
37	Donald C. Gregg	238.35
38	Leonard B. Gulbransen	289.05
39	Raymond R. Gutzman	271.39
40	L. W. Hartkemeier	347.89
41	Ivan L. Hebel	380.89
42	Julius A. Heereb	327.81
43	George W. Heim	271.36
44	K. S. Herness	243.94
45	John C. Hollister	431.76
46	Ralph C. Holmer	272.01
47	William Horblit	245.59
48	Warren W. Howe	358.55
49	Robert S. Hufstedler	251.99
50	E. B. Jacobs	272.66
51	Mirdo Jancic	240.54
52	George W. Johnson	274.37
53	J. Harlan Johnson	341.20
54	D. C. Johnston	332.70
55	William H. Journey	373.79
56	John M. Karamigios	201.37
57	Paul H. Keating	279.52
58	Albert M. Keenan	354.64
59	E. A. Kehn	136.17
60	John J. Kelley	406.24
61	T. A. Kelly	340.74
62	Harry E. Kelsey	304.84
63	Truman H. Kuhn	367.40
64	George W. LeMaire	296.59
65	L. W. LeRoy	362.64
66	William S. Levings	269.56
67	C. W. Livingston	438.74
68	Allan V. Long	375.99
69	Hershiel McGraw	231.50
70	T. B. McPherson	285.34
71	Warren J. Mason	258.46
72	W. D. Mateer	285.65
73	George T. Merideth	347.65
74	William M. Mueller	274.81
75	R. Thomas Myers	278.86
76	Carl G. Nordquist	272.56
77	Robert B. Osborn	341.84
78	Thomas E. Paynter	316.44
79	A. L. Pierce	243.41

February 11, 1952

SCHOOL OF MINES U.S. MINERAL LEASING ACT

FACULTY PAYROLL

80	Ronald D. Preston	334.40
81	Arthur L. Roe	321.99
82	Stanley Reichert	272.01
83	W. M. Richtmann	378.24
84	Paul A. Rodgers	244.92
85	Frederick K. Sabott	247.36
86	Theodore Schreiber	98.00
87	Harlan E. Short	332.04
88	M. I. Signer	486.04
89	Francis E. Smiley, Jr.	273.99
90	Morton C. Smith	360.43
91	Raymond V. Smith	246.14
92	Sigmond L. Smith	278.46
93	Gladys W. Sparr	215.76
94	Charles W. Starks	275.87
95	Gurnett Steinhauer	476.55
96	W. Alan Stewart	256.37
97	John W Vanderwilt	622.20
98	Arthur B. Van Tine	260.91
99	F. M. Van Tuyl	399.74
100	Warren R. Wagner	335.67
101	Leon S. Ward	400.36
102	Arthur P. Wichmann	351.39
103	Virginia Lee Wilcox	217.76
104	Art Williams	263.09
105	G. D. Wimpres	418.55

TOTAL FACULTY PAYROLL

32,338.84

SCHOOL OF MINES U.S. MINERAL LEASING ACT

CIVIL SERVICE PAYROLL

106	Arthur M. Angell	185.27
107	George S. Atkinson	190.00
108	C. A. Bacon	176.37
109	Miriam W. Bain	155.45
110	Tom Bernatis	167.90
111	Marilyn E. Boldnder	168.65
112	Delbert L. Boone	185.22
113	Joseph Frank Braun	145.70
114	W. F. Bridges	187.85
115	Edward Brill	185.25
116	Harold V. Brobeck	200.75
117	William D. Caldwell	153.60
118	Walter Bruce Carver	153.65
119	Paul L. Chambers	168.60
120	Willa Jean Charon	149.85
121	Engra M. Childers	197.67
122	J. L. Cooper	175.80
123	Earl Dickens	288.30
124	Harold Ross Dillon	183.30
125	Sterling L. Dryden	175.84
126	Fred D. Easley	217.47
127	John Guy Foster	142.15
128	Howard H. Fowler	266.50
129	Agnes M. Greenaway	168.65
130	Joyce Hall	157.55
131	Bert F. Harrison	177.85
132	C. G. Hembergar	239.82
133	J. J. Hembergar	243.10

February 11, 1952

SCHOOL OF MINES U.S. MINERAL LEASING ACT

CIVIL SERVICE PAYROLL

134	Chester P. Herr	181.80
135	Vernon Lee Hopwood	16.66
136	Violet K. Horning	184.12
137	Carl Hall Hungness	185.22
138	William Robert Johnson	164.70
139	John D. Knopf	209.70
140	Edward Lange	169.30
141	William Lee	202.57
142	Rudolph Lieta	153.65
143	Denzil W. Lingo	139.00
144	Donald Ljungvall	207.90
145	Orville E. Loving	220.70
146	Margaret McCann	164.70
147	Antonio E. Manchego	171.00
148	Vasil Costadin Mandiloff	156.80
149	Charles Marchand	212.50
150	Thomas Marvin	146.10
151	Lois H. Matthews	138.80
152	Walter Mattson	201.40
153	O. F. Maughan	219.62
154	Chris Mester	192.15
155	Peter Mineff	160.75
156	Flore Morosan	160.75
157	Clarence Nicholls	224.97
158	M. F. O'Neil	194.32
159	Consuello A. Owens	122.34
160	Mary M. Paddelford	180.50
161	Jesse Elsz Payne	185.22
162	Jose M. Perez	166.25
163	John W. Pickthall	260.87
164	Dorothy J. Prouse	162.10
165	Jacob T. Pyle	168.30
166	John B. Rateliff	195.65
167	James R. Rich	214.65
168	Robert H. Richards	240.60
169	Rose Marie Rowe	164.47
170	Ruth N. Sackett	164.35
171	Albert E. Simpson	203.55
172	James Smith	208.47
173	Mary C. Smith	187.62
174	Leslie B. Talbert	166.30
175	Charles S. Thomas	170.75
176	Herman Christian Van Blois	152.10
177	Marion Vinson	238.62
178	Loren H. Wason	142.55
179	Ernest E. Waters	254.92
180	Louise M. Waters	180.95
181	A. G. Webster	196.55
	TOTAL CIVIL SERVICE PAYROLL	13,915.07

February 11, 1952

SCHOOL OF MINES U.S. MINERAL LEASING ACT

MISCELLANEOUS PAYROLL

182	Roshan B. Bhappu	90.70
183	E. F. Birdsall	90.70
184	Louise Burns	185.30
185	Russell Campbell	185.30
186	Pat Carney	35.20
187	Viola Chamney	48.00
188	Peter Conti	175.00
189	Margaret Phyllis Cook	169.50
190	Clint E. Danley	151.30
191	Harold H. Earhart	335.15
192	Phyllis Jean Fleer	155.35
193	Hildreth Frost, Jr.	100.00
194	J. H. Godfrey	162.40
195	Donald Gordon	196.13
196	Glyde G. Gregory	281.70
197	Elizaneth Jane Greve	174.20
198	Niles E. Grosvenor	100.00
199	Katherine L. Harrold	163.10
200	Marian P. Hollingsworth	48.00
201	Betty L. Johnson	164.70
202	Howard A. Kerr	182.21
203	Edward C. Koehler	50.00
204	Ethel N. Kromeich	163.10
205	Dorothea Krysuik	170.00
206	Charles A. McAllister	100.00
207	Ian H. MacKay	90.70
208	Joe Manchego	151.30
209	Bettie Ilene Mannon	163.10
210	Charles A. Melbye	90.70
211	Lorraine A. Merwin	174.20
212	Harry W. Meyer	74.52
213	JoAnn Minnick	38.40
214	Onance Moore	149.50
215	Jean J. Norem	171.80
216	John R. Perez	151.30
217	Joseph Perry	197.80
218	Marilyn Frances Poxxo	174.20
219	Dorothy J. Rae	19.89
220	Amalendu Roy	90.70
221	Joseph Shofa	100.00
222	Minnie Simpson	47.60
223	Faye D. Sivers	246.70
224	Rose N. Skipper	190.00
225	Jean J. Ternstrom	174.20
226	Warren Tripp	162.40
227	Shirley Twyman	158.20
228	Charles D. Tyler, Jr.	90.00
229	Ruth B. Van Orsdel	160.46
230	William Weiler	162.40
231	Emma Lou Wilson	160.55
232	TOTAL MISCELLANEOUS PAYROLL	7,068.37

SCHOOL OF MINES U.S. MINERAL LEASING ACT

STUDENT HELP PAYROLL

232	Behren K. Anita	26.25
233	Howard April	6.00
234	James S. Ault	14.25

February 11, 1952

SCHOOL OF MINES U.S. MINERAL LEASING ACT

STUDENT HELP PAYROLL

235	George M. Ball	18.75	
236	Lloyd Best	9.75	
237	Carl L. Bieniewski	7.13	
238	Harry E. Blackburn	37.88	
239	Richard Bolender	12.75	
240	James H. Bright	12.75	
241	Gerett H. Bryant	18.75	
242	Bernard F. Burford	9.00	
243	George A. Carlisle	11.25	
244	A. B. Coady	15.38	
245	Charlde J. Curtis	4.13	
256	E. W. Davis, Jr.	18.00	
256	Jerry L. Wreer	22.50	
248	Joe F. Felber	22.50	
249	Gerald E. Gould	33.00	
250	Robert W. Jensen	18.75	
251	Jason Johnson	75.00	
252	Harry C. Kent	3.75	
253	Robert E. Learned	66.75	
254	Duane O. LeRoy	5.25	
255	Alain Lipton	40.00	
256	Charles M. Malette	23.25	
257	Albert Matthew	39.00	
259	William F. Oline	18.38	
260	R. E. Opper	10.50	
260	Thomas J. Piersall	18.75	
261	Robert Pozzo	21.00	
262	Joe Robeck	29.25	
263	C. Ted Robinson	45.00	
264	Alanandu Roy	12.38	
265	E. S. Rugg	45.00	
266	Al Sabitay	24.75	
267	Fehran M. Sanlav	6.75	
268	Fred R. Schwartzberg	54.00	
269	Max B. Settlemyer	31.50	
270	Kenneth M. Simonsen	7.50	
271	Cecil Smith	33.75	
272	Mark Spaeth	10.50	
273	Roger K. Steele	30.00	
274	Homi J. Tata	28.13	
275	Charles Tautmann	21.75	
276	Forrest S. Woodside	6.00	
277	Richard Zoerb	11.25	
	TOTAL STUDENT HELP PAYROLL		1,036.91
4	Withholding Tax	6,448.90	
5	Retirement	2,751.88	
6	Blue Croxx	651.85	
7	Employee's Association Insurance	32.70	
8	War Bonds	426.00	
9	State's Share	2,801.42	64,276.42
	TOTAL PAYROLL		67,077.84

EXPERIMENTAL PLANT

CIVIL SERVICE PAYROLL

63	Frances Louise Brewsaugh	151.05
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February 11, 1952

EXPERIMENTAL PLANT

CIVIL SERVICE PAYROLL

64	Clair E. Dillon	204.17
65	R. B. Eldredge	247.77
66	Samuel Gamble	221.45
67	Edwin J. Harding	222.80
68	Fred Ljungvall	199.52

MISCELLANEOUS PAYROLL

69	Wilburn F. Anderson	146.15
70	Thomas Don Andrews	332.70
71	Paul W. Harrell	187.35
72	Vernon L. Mattson	187.35
73	Jerome R. Tichy	181.80

TOTAL EXPERIMENTAL PLANT

2,436.85

26	Withholding Tax	298.10
27	Retirement	95.72
28	Blue Cross	50.90

TOTAL EXPERIMENTAL PLANT PAYROLL

2,881.57

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1091	Addressograph-Multigraph Corp	6,181.94
1092	Applies Research Laboratories	19.51
1093	American Institute of Physics	15.00
1094	American Geophysical Union	7.00
1095	American Library Ass'n.	10.00
1096	American Furniture Co.	743.20
1097	American Radiator Corp.	15.67
1098	American Society for Quality Control	6.00
1099	American Philosophical Society	10.00
1100	Academic Press Inc.	53.10
1101	American Museum of Natural History	50.00
1102	American Society for Testing Materials	36.00
1103	American Institute of Mining & Met.	21.00
1104	Banner Manufacturing Co.	106.70
1105	Bibliographical Center for Research	300.00
1106	Bostitch-MacDermed Co.	83.33
1107	Fritz Brennecke	131.65
1108	Bro-dart Industries	45.00
1109	Henry Bratcher, Technical Trans.	13.73
1110	H. Dean Burdick	69.14
1111	William V. Burger	7.81
1112	Burroughs	10.08
1113	Burt & Banks, Inc.	102.71
1114	Cardwell Blue Print & Supply Co.	147.52
1115	R. P. Cargille	81.77
1116	Carson Brothers	22.62
1117	Carpenter Paper Co.	577.15
1118	Cary Motor Co.	6.29
1119	Central Electric Supply Co.	402.53
1120	Central Scientific Co.	311.70
1121	The Chemical Sales Co.	24.90
1122	Christensen Diamond Products Co.	129.12
1123	Frank Cimaglia	146.62

February 11, 1952

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1124	Clayton Coal Company	1,138.25
1125	Clear Creek Transportation Co.	10.55
1126	Colorado Blue Print Co.	7.43
1127	Colo. Central Power Co.	2,025.72
1128	Colo. National Guard	100.00
1129	Colo. Press. Ass'n. Inc.	5.00
1130	Colo. Sanitary Wiping Cloth Co.	85.48
1131	Colo. School of Mines Research	233.59
1132	Colo. & Southern Railway	16.09
1133	Continental Oil Company	15.80
1134	Commodity Research Bureau	10.60
1135	Crane O'Fallon Co./	150.46
1136	Craig-Frederick Chev. Co.	19.46
1137	Laurence Criley - Agent	32.70 40
1138	V. R. Crosser	79.98
1139	W. H. Curtin & Company	116.64
1140	Denver Blue Print Co.	7.20
1141	Denver Bookbinding Co.	215.17
1142	Denver Fire Clay Co.	1,404.81
1143	Denver Equip. Co.	500.00
1144	Denver Oxygen Co.	20.00
1145	Rio Grande Western Co.	16.11
1146	Denver Safeway Scaffold Co.	16.00
1147	Denver Steel & Iron Works	22.43
1148	Denver Tent & Oiling Co.	592.83
1149	Denver Towel Supply Co.	65.22
1150	Earl S. Dickens	10.15
1151	Clair E. Dillon	15.00
1152	L. W. Deffenbaugh's Lumber Co.	24.65
1153	Dixon Paper Co.	44.04
1154	E. I. Du Pont De Nemours & Co.	43.40
1155	Duvall-Davison Lumber Co.	325.36
1156	Eastman Kodak Co.	57.12
1157	Edward Bros. Inc.	10.15
1158	Elsevier Press Inc.	51.00
1159	Engineers' Council for Prof Devel.	30.00
1160	Engineering Index, Co.	187.50
1161	Enrique E. Esnard	52.21
1162	E-Z Way Laundry	58.37
1163	Federal Envelope Co.	390.04
1164	Fenwal Inc.	60.51
1165	Fisher Scientific Co.	182.36
1166	Foss Drug Co.	280.52
1167	M. L. Foss Supply Co.	231.45
1168	Fox Supply Co.	48.02
1169	Howard H. Fowler	35.14
1170	Gates Rubber Co.	101.40
1171	Geier & Bluhm, Inc.	15.75
1172	General Electric Supply Corp.	113.88
1173	Geophysics]-	7.20
1174	Gleason Oil Co.	58.40
1175	City of Golden	1,136.31
1176	Golden Gas Co., Inc.	9.69
1177	Golden Ice & Hauling	8.59
1178	Golden Press	212.00
1179	Leroy W. Goodwin	17.31
1180	Gower Federal Service	7.00
1181	Graham Paper Co.	218.27
1182	Graphic Process Service	8.50

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SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1183	Hahn Equipment Co.	102.56
1184	Hallack & Howard Lumber Co.	70.45
1185	George W. Hein	3.50
1186	A. E. Heinson	113.59
1187	Hendrie & Boltoff Co.	562.64
1188	I B M	20.28
1189	Interscience Publishers, Inc.	16.00
1190	Raido Supply - Inter-State	58.34
1191	Joe H. Johnson	7.70
1192	Kehl & Brans, Typecrafters	2.00
1193	Kellogg's Hardware	87.29
1194	Kendrick-Bellamy	1,738.37
1195	L. H. Kistler Stationery Co.	209.97
1156	Kohler McLister Paint Co.	38.75
1197	Hans L. Landay	37.00
1198	Landex, Zachard - Peterson	249.65
1199	Leeds & Northrup	701.20
1200	Lepel High Frequency Lab.	45.34
1201	Library of Congress	17.69
1202	A. C. McClurg & Co.	17.52
1203	McMurty Mfg. Co.	127.60
1204	Art Malnati, Inc.	21.35
1205	Mapleton House	30.35
1206	Marchant Calculating Machine Co.	745.42
1207	H. R. Meininger Co.	18.62
1208	Merri - Mac Inc.	24.75
1209	M. C. Miller	45.50
1210	Mines Supply Co.	60.55
1211	Mine & Smelter Supply	1,759.35
1212	Monarch Lumber Co., Inc.	196.02
1213	Monroe Calculating Machine Co. Inc.	34.00
1214	Flore Morosan	15.00
1215	Mountain & Plain Paint Co.	97.12
1216	Mtn. States Tel. & Tel. Co.	522.62
1217	N. & S. Distributing Co.	5.90
1218	The Oil Forum	5.00
1219	Oliver United Filers, Inc.	284.25
1220	Oregon Lumber Co.	295.92
1221	Overseas Publishers' Repres.	12.00
1222	Calvin Palmer	30.00
1223	Frank Paxton Lumber Co.	202.52
1224	Petroleum World	5.00
1225	Photography	9.00 9.00
1226	John W. Pickthall	12.46
1227	Plasticrafts Co.	12.05
1228	Precision Equipment Co.	266.64
1229	Precision Scientific Co.	60.00
1230	Public Service Co.	394.01
1231	Purchasing Agent's Ass'n. of Denver	36.00
1232	Quaintance Property	4,000.00
1233	Reliable Typewriter Co.	19.70
1234	Remington-Rand	234.40
1235	The Reporter	9.00
1346	C. S. M. Revolving Fund	179.85
1247	Riley's	19.63
1238	Ricnie	195.23
1239	Fred Roberts	30.70
1240	Rocky Mtn. Bank Note Co.	10.80
1241	Strawn's	9.30
1242	Sachs-Lawlor	6.42

February 11, 1952

COLORADO SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

1243	Sanitary Specialties Co.	358.00
1244	E. H. Sargent & Co.	305.35
1245	Scaar & Company	67.89
1246	Silver State Printers	295.45
1247	Stacey's	21.56
1248	Stram's	10,375.99
1249	Stechert-Kaefner, Inc.	168.09
1250	Gurnett Steinhauser	6.71
1251	Swena Transfer & Express	111.95
1252	Tinius Olsen Testing Machine Co.	9.23
1253	The Todd Co.	20.00
1254	Underwood Corp.	29.33
1255	Union Supply Co.	17.75
1256	U. S. Geological Survey	16.80
1257	United States Steel Co.	20.00
1258	U. S. Welding Works Co.	46.93
1259	Universal Saw Filing & Grinding Works	31.65
1260	University of Colorado	5.00
1261	John W Vanderwilt	23.14
1263	Marion L. Vinson	4.55
1264	Weiner Brothers Electrical Co.	94.39
1265	Westinghouse Electric Corp.	380.80
1266	G. D. Wimpess	19.17
1266	Bill Wood	10.00
TOTAL SUPPLY VOUCHERS		47,852.29

SPECIAL BUILDING FUND

10	F. J. Kirchof Construction Co.	14,007.00
11	McCarty Johnson, Inc.	6,197.00
TOTAL SPECIAL BUILDING FUND		20,204.00

MILL LEVY BUILDING FUND

109	E & I Cooperative Service	3,978.00
110	Kistlers	1,249.50
111	McCarty Johnson, Inc.	4,100.00
112	platt Rogers, Inc.	19,230.00
TOTAL MILL LEVY BUILDING FUND		28,557.50

ATHLETIC ASSOCIATION FUND

1183	Idaho State College	350.00
1184	Wilburn Anderson	15.00
1185	Harold Brobeck	5.00
1185	Gregg Browning	42.60
1186	Colorado Transcript	14.25
1188	Continental Bus System, Inc.	202.80
1189	Colorado State College	62.28
1190	Dale Deane's	.80
1191	Dining Hall	99.25
1192	H. F. Durkman	24.00
1193	Kenneth A. Dunn	15.00
1194	E. Leland Eggleston, MD	30.00
1195	Gougar & Todd	317.13
1196	Hotel Harbor	16.00
1197	Richard Hotten	21.30
1198	T. W. Little	9.00

February 11, 1952

ATHLETIC ASSOCIATION FUND

1199	John W. Lloyd	12.60
1200	Samuel P. Hageman, MD	21.00
1201	Art Malnati, Inc.	103.08
1202	Montana State College	100.00
1203	Perma-Vue Plastics	.10
1204	Al Farnat	21.30
1205	Kenneth Rankie	6.10
1205	Athletic Revolving Fund	126.66
1207	Rocky Mountain Faculty	10.00
1208	Rutherford W. Hodda	2.25
1209	Saint Anthony Hospital	113.25
1210	Strain's Stationery	3.62
1211	William W. Townsend	10.00
1212	Treasury Department	15.20
1213	University Extension Division	1.36
1214	Whitney Sporting Goods Co.	58.21
1215	W. Lloyd Wright, MD	232.00

TOTAL ATHLETIC ASSOCIATION FUND

~~2,721.72~~
 2,724.27

February 11, 1952

The minutes of the special meeting of January 14, 1952 were read and approved.

Mr. Steinbauer entered the meeting to present and review the following monthly statements: Summary of Budget Appropriations and Disbursements No. 7, as of January 31, 1952; the Balance Sheet as of January 31, 1952; the Profit and Loss Statement for the Dining Hall from December 19, 1951 through January 25, 1952; the Profit and Loss Statements for the Canteen, the Dining Hall and Canteen (combined), Mines Park, Prospector Park, Veterans' Housing (Trailers) for January 1952; the Trial Balance of the 1951-52 Health and Accident Plan of the Associated Students of the Colorado School of Mines, Inc.; the statement of the Mill Levy Building Fund as of January 31, 1952; and the statement of the Special Building Fund as of January 31, 1952.

The loan funds were discussed, and Mr. Steinbauer reviewed the recommendations of the Student Loan Committee to the effect that the Andrew P. and Gertrude Bengston Memorial Student Loan Fund be used for emergency loans for students, which would enable the committee to return to the other regular loan funds the amounts that had been allocated from them for use for emergency loans during the past several years and, further, that the amount of emergency loans be increased from \$200 to \$250. President Vanderwilt concurred in the recommendations of the Loan Committee as outlined by Mr. Steinbauer. Whereupon it was moved by Mr. Harrison, seconded by Mr. Bowen and unanimously carried that the following resolution be adopted:

RESOLVED, That the Andrew P. and Gertrude Bengston Memorial Student Loan Fund be used for emergency loans for students;

Further, that money in the Andrew P. and Gertrude Bengston Memorial Student Loan Fund be used to refund money previously borrowed for emergency loans from other loan funds;

And, further, that the maximum limit of emergency loans be increased to \$250.

Mr. Thomas discussed his interest in the student loans and requested that periodic summaries of the status of student loans be presented, beginning with the next Board meeting.

A discussion followed on the possible refinancing of the loan on Mines Park and the possibility of providing additional housing units. Mr. Steinbauer stated that his inquiry at the United States National Bank concerning a possible new issue of around \$100,000 had been favorably received and that he had been requested by the bank officials to outline in letter form a tentative plan that might be under consideration by the Board of Trustees. It was the unanimous opinion of the members of the Board that a study should be made of the needs for housing for faculty and married students, both as to number of units and type of units with estimated costs, and the nature of the contract and commitments that had been made in the past with the architect, Burnham Hoyt, in order that a sound plan for refinancing could be worked out for presentation to the officials of the United States National Bank or some other agency.

The meeting was recessed and the Board members, together with President Vanderwilt and Mr. Steinbauer, went to lunch.

Following lunch, the members of the Board and President Vanderwilt and Mr. Steinhauer made an inspection of Coolbaugh Hall and studied the sections of the street which might be closed in exchange with the City of Golden for certain land north of Clear Creek desired by the city.

The meeting was then reconvened in the President's Office.

Mr. Steinhauer reviewed the status of the special appropriation provided by the Thirty-eighth General Assembly. Mr. Steinhauer pointed out that on the basis of his revised estimates, less money would be available for operation of the school in 1952-53 than was available for operation in 1951-52. The Legislature had failed to pass the expected increase for Civil Service employees, which was considered unfortunate for the employees, but it would have been very difficult with the appropriation provided by the Legislature to have met the legislative increases had they been granted.

Mr. Steinhauer discussed the possible desirability of trying to get approval from the State Controller's office and from the Governor for developing, if possible, a surplus during the balance of the year to carry over into the 1952-53 year for expenditures that were in prospect. It was unanimously agreed that as soon as possible Mr. Steinhauer should contact the State Controller in order to get his reaction and, if it seemed desirable, arrangements could be made at a later date for a meeting of the Board of Trustees with the Governor to discuss this problem.

The availability of funds for the employment of a full-time man for the operation of a news bureau under Mr. Wimpres as outlined to the Board at its meeting on January 14, and the need for such a man as previously reviewed by President Vanderwilt was discussed. Attention was called to the fact that similar positions were to be found on neighboring college campuses. In the past, the news and publicity had been taken care of by the Director of Publications but in recent months the duties connected with publications had increased to such an extent that an additional man to do this work was necessary. In view of the fact that Mr. Wimpres was in charge of public relations and development, it was logical that such a new man would work under his supervision. Mr. Thomas pointed out that the entire program of public relations and development had as its ultimate objective the encouragement of increased enrollment and obtaining funds and that proper handling of news and publicity was an essential part of such a program. Mr. Steinhauer stated that he felt that the estimated salary of \$3,600 to \$4,000 could be taken care of by the budget. Thereupon, it was moved by Mr. Bowen, seconded by Mr. Harrison and unanimously passed, that President Vanderwilt be authorized to employ a man for news work.

Mr. Thomas raised the question of the status of negotiations with Mr. L. G. Trueheart, State Highway Right of Way Engineer, concerning the problem raised by the Highway Department's inability to provide title to the school for a certain tract of land in accordance with the contract between the School of Mines and the Highway Department. The tract of land in question was to have compensated the school in part for the cost of moving the survey field to a new area, the old survey area having been made virtually useless by the new highway. President Vanderwilt reported that the past summer around 250 new survey points had been set at an out-of-pocket cost of \$3.09 each and an additional engineering cost of \$6.65 each. At least 800 to 1,000 stations are needed to give the same instructional value as had been provided in the

old area. Thus the minimum out-of-pocket cost would be around \$3,000 plus an additional surveying cost of \$6,650. President Vanderwilt stated that the information concerning costs for establishing a new survey station had been provided recently to Mr. Stockmar and that Mr. Stockmar had not yet had an opportunity to talk to Mr. Trueheart.

President Vanderwilt presented a sketch of the proposed van Diest Medal. Mr. Bowen expressed the view that fourteen carat gold would be adequate. Final decision as to the size of the medal was held in abeyance until more detailed cost figures could be obtained.

There being no further matters involving Mr. Steinhauer, he left the meeting.

President Vanderwilt presented a letter dated February 5, 1952 from Mr. W. M. Williams, Director of The Colorado State Planning Commission. This letter announced that under date of January 30, 1952, the contracts between the school and Fuller, Fuller and Fuller, Architects, for the preparation of plans for a library and a metallurgy building for a fee of 6½% had been returned to the office of the Planning Commission without the signatures of the State Controller and the Governor with the request that an explanatory statement be provided for the fee of 6½% for architectural services. The Building Committee of the Planning Commission requested by resolution that the officials of the school provide the requested explanatory statement and, further, that a revision downward from 6½% to 6% for architectural services be considered. This request was unexpected because in December 1951, Dean Signer, Chairman of The Colorado State Planning Commission had been advised by Mr. Williams that he had received word that the contracts in question had been signed by the Governor and the State Controller. At Mr. Thomas's suggestion, Dean Signer entered the meeting to discuss the new development. He verified the information received from Mr. Williams in December and suggested that he get in touch with Mr. Williams by telephone. From the telephone conversation with Mr. Williams, Dean Signer learned that the question concerning the 6½% architectural fees had been raised in the State Controller's office and that an explanatory statement might be sufficient to answer the question raised by the State Controller, but that the Building Committee felt that if the fee could be revised to 6%, the contracts would be approved without further delay. Mr. Thomas stated that inasmuch as Mr. Robert K. Fuller had been out of town and it had not been possible to discuss this new development with him, it would be desirable to delay further action until there had been an opportunity to get Mr. Fuller's views.

President Vanderwilt presented a list of eight names, selected in consultation with Dean Signer from a list of thirty names recommended by alumni who had received Distinguished Achievement Medals, for consideration as possible recipients of Distinguished Achievement Medals to be awarded at the 1952 Commencement. President Vanderwilt stated that he had been able to discuss the list with Dr. Parker who felt that all men on the list were well qualified and that in view of the number of alumni well qualified for distinguished achievement awards he would be agreeable to granting such additional awards as in the judgment of the members present might decide. If the number of awards were to be limited to two or three, Dr. Parker favored the names given at the top of the list. It was agreed by those present that preference should be given to alumni with undergraduate degrees and that ordinarily medals for distinguished achievement should not be granted to alumni who already held honorary degrees from the Colorado School of Mines. After a discussion of this subject, it was the consensus of those present that medals should be awarded to Messrs. Fred C. Bond,

John R. Evans, George C. Griswold, Harold W. Haight, Rupert B. Lowe, Armor B. Martin, and Fred M. Nelson. It was agreed that these medals, except under unusual circumstances, should not be awarded in absentia.

President Vanderwilt reported that plans for a speaker for the 1952 Commencement had not been completed but he hoped that he would be able to make final arrangements for a speaker during his coming trip to Washington, D. C., and New York City.

The meeting then adjourned at 4:30 P.M.

Secretary

Golden, Colorado
March 14, 1952

The Board of Trustees met in regular session on March 14, 1952, at 10:00 A.M., at the President's Office, Colorado School of Mines, Golden, Colorado.

Present: Messrs. Harrison, Parker, and Stockmar.

Absent: Messrs. Bowen and Thomas.

President Vanderwilt attended the meeting.

Bills against the U. S. MINERAL LEASING ACT, the EXPERIMENTAL PLANT FUND, the SCHOOL OF MINES TAX FUND, the SPECIAL BUILDING FUND, the MILL LEVY BUILDING FUND, and the ATHLETIC ASSOCIATION FUND were read, audited and allowed as follows:

SCHOOL OF MINES U. S. MINERAL LEASING ACT

FACULTY

278	Paul H. Anderson	\$261.90
279	James L. Atteberry	260.59
280	Henry A. Babcock	313.41
281	James O. Ball	429.59
282	Clark F. Barb	432.34
283	Paul F. Bartunek	303.36
284	George T. Bator	364.22
285	Robert L. Baugh	255.01
286	Victor W. Bauman	286.76
287	Robert A. Baxter	323.80
288	Fritz S. Brennecke	395.34
289	H. Dean Burdick	321.50
290	William V. Burger	351.11
291	Frank R. Campbell	285.57
292	Clark B. Carpenter	418.49
293	Frederick M. Carpenter	319.54
294	William J. Chapitis	270.61
295	John M. Coke	342.09

U.S. MINERAL LEASING ACT

FACULTY PAYROLL

296	William Colburn	216.15
297	Douglas H. Cook	180.79
298	George S. Cook	328.56
299	Joseph F. Davies	322.76
300	Russell L. Davis	239.35
301	Raymond R. Dickison	340.36
302	Hazel M. Dyer	227.46
303	Walter H. Dyer	318.31
304	Arthur E. Erickson	261.02
305	Robert W. Evans	260.29
306	Edward G. Fisher	314.47
307	Delton D. Flanders	368.60
308	Hilbert E. Fletcher	305.35
309	George D. Fraser	256.91
310	LeRoy W. Goodwin	332.01
311	Albert L. Gosman	239.35
312	Allen D. Gray, Jr.	190.75
313	Donald C. Gregg	238.35
314	Leonard B. Gulbransen	289.05
315	Raymond R. Gutman	271.39
316	L. W. Harthensier	347.89
317	Ivan L. Hebel	380.89
318	Julius A. Heeren	327.81
319	George W. Hein	271.36
320	K. S. Hermess	243.94
321	John C. Hollister	431.76
322	Ralph C. Holzer	272.02
323	William Hortliff	245.59
324	Warren W. Howe	358.55
325	Robert S. Huffstedler	251.99
326	E. D. Jacobs	272.66
327	Mirko Jancic	240.54
328	George W. Johnson	274.34
329	J. Harlan Johnson	311.20
330	D. C. Johnston	332.70
331	William H. Jurney	373.79
332	John N. Karamigios	201.37
333	Paul H. Keating	279.52
334	Albert N. Keenan	354.64
335	E. A. Kohn	136.17
336	John J. Kelley	106.24
337	T. A. Kelly	340.74
338	Harry E. Kelsey	304.84
339	Truman H. Kuhn	367.40
340	George W. LeHaire	296.59
341	L. W. LeRoy	362.64
342	William L. Levings	269.56
343	Clifton W. Livingston	438.74
344	Allan V. Long	375.99
345	Hershel McGraw	231.50
346	T. B. McPherson	285.34
347	Warren J. Mason	258.46
348	W. D. Mator	285.65
349	George T. Merideth	347.65
350	William M. Mueller	274.81
351	Thomas E. Myers	278.86
352	Carl G. Nordquist	272.56
353	Robert B. Ostrom	341.84
354	Thomas E. Paynter	316.44

SCHOOL OF MINES U.S. MINERAL LEASING ACT

FACULTY PAYROLL

355	A. L. Pierce	243.41
256	Ronald D. Preston	334.40
357	Arthur L. Rae	321.99
358	Stanley Reichert	272.01
359	W. M. Richtmann	378.24
360	Paul A. Rodgers	244.92
361	Frederick K. Sabett	247.36
362	Theodore Schreiber	98.00
363	Harlan S. Short	332.04
364	M. I. Signer	186.04
365	Francis D. Smiley	273.99
366	Morton C. Smith	360.43
367	Raymond V. Smith	246.14
368	Sigmund L. Smith	278.46
369	Gladys W. Sparr	215.76
370	Charles W. Starks	275.87
371	Gurnett Steinhauser	476.55
372	Alan W. Stewart	256.37
373	John W. Vandervilt	622.20
374	Arthur B. Van Tine	260.91
375	F. M. Van Tuyl	399.1774
376	Warren R. Wagner	335.67
377	Leon S. Ward	400.36
378	Arthur P. Wichmann	351.39
379	Virginia Lee Wilcox	217.76
380	Art Williams	263.09
381	D. G. Winpress	418.55

1/2 TOTAL FACULTY PAYROLL

32,042.72

SCHOOL OF MINES U.S. MINERAL LEASING ACT

CIVIL SERVICE PAYROLL

382	Arthur M. Angell	185.27
383	George A. Atkinson	190.00
834	C. A. Bacon	176.37
385	Miriam W. Bain	155.45
186	Tom Bernatis	167.90
387	Marilyn E. Bolender	168.65
388	Delbert L. Boone	185.22
389	Frank J. Braun	145.70
390	W. F. Bridges	187.85
391	Edward Brill	185.25
392	Harold V. Brobeck	200.75
393	William D. Caldwell	153.60
394	Walter Bruce Carver	153.65
395	Paul L. Chambers	168.60
396	Willa Jean Charon	149.85
397	Engra M. Childers	197.67
398	J. L. Cooper	175.80
399	Earl Dickons	288.30
400	Harold Ross Billon	183.30
401	Sterling L. Dryden	175.84
402	Fred D. Easley	217.47 217.47
403	Phyllis Jean Fleeer	111.10
404	John Guy Foster	142.15
405	Howard H. Fowler	266.50

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CIVIL SERVICE PAYROLL

L06	Agnes M. Greenaway	168.65
L07	Joyce Hall	157.55
L08	Bert F. Harrison	177.85
L09	Katherine L. Harrold	148.60
L10	C. C. Hemberger	239.82
L11	J. J. Hemberger	213.10
L12	Chester P. Herr	181.80
L13	Violet K. Morning	184.12
L14	Carl Hall Wungness	185.22
L15	William Robert Johnson	155.45
L16	John D. Knopf	209.70
L17	Edward Lange	169.30
L18	William Lee	202.57
L19	Rydolph Lietz	153.65
L20	Denzil W. Lingo	139.00
L21	Donald Ljungvall	207.90
L22	Orville O. Loving	220.70
L23	Margaret McCann	164.70
L24	Antonio E. Manchego	171.00
L25	Vasil C. Mandiloff	156.80
L26	Charles Marchand	212.50
L27	Thomas Marvin	146.10
L28	Lois H. Matthews	138.80
L29	Walter Mattson	201.40
L30	O. F. Maughan	219.62
L31	Chris Mester	192.15
L32	Peter Mineff	160.75
L33	Flora Morosan	160.75
L34	Clarence Nicholls	221.94
L35	M. F. O'Neil	194.32
L36	Censuelo A. Owens	122.34
L37	Mary W. Paddleford	180.50
L38	Jesse Elza Payne	185.22
L39	Jose M. Perez	150.17
L40	John W. Pickthall	260.87
L41	Dorothy J. Prouse	162.10
L42	Jacob T. Pyle	168.30
L43	John B. Ratcliff	206.75
L44	James R. Rich	214.65
L45	Robert H. Richards	240.60
L46	Rose Marie Rowe	164.47
L47	Ruth N. Sackett	164.35
L48	Albert E. Simpson	203.55
L49	Faye Dorothy Sivers	148.60
L50	Rose N. Skipper	175.50
L51	James Smith	208.47
L52	Mary C. Smith	187.62
L53	Leslie B. Talbert	166.30
L54	Charles S. Thomas	170.75
L55	Herman Christian Van Elois	152.10
L56	Marion Vinson	250.45
L57	Loren H. Wason	142.55
L58	Ernest E. Waters	213.82
L59	Louise M. Waters	180.95
L60	A. G. Webster	196.65

TOTAL CIVIL SERVICE PAYROLL

11,490.71

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MISCELLANEOUS PAYROLL

461	Elizabeth Ault	11.50
462	F. W. Baumgartner	42.00
463	Roshan B. Bhappu	90.70
464	E. F. Birdsall	90.70
465	Louise Burns	185.30
466	Emma Lou Butler	171.65
467	Russell Campbell	185.30
468	Pat Carney	95.60
469	Viola Chamney	17.50
470	Peter Conti	175.00
471	Margaret Phyllis Cook	169.50
472	Clint E. Danley	151.30
473	Harold H. Earhart	335.15
474	Hildreth Frost, Jr.	100.00
475	J. H. Godfrey	162.40
476	Donald Gordon	173.50
477	G. E. Gould	29.00
478	Clyde G. Gregory	281.70
479	Elisabeth Jane Greve	174.20
480	Miles E. Grosvenor	100.00
481	Marian Pardue Hollingsworth	137.00
482	Betty L. Johnson	164.70
483	Howard Alexander Kerr	162.40
484	Edward G. Koehler	50.00
485	Ethel N. Kromeich	163.10
486	Dorothea Krysuik	170.00
487	Charles A. McAllister	100.00
488	Ian H. MacKay	90.70
489	Joe Manchego	151.30
490	Bettie Elene Hannon	163.10
491	Charles A. Melbye	90.70
492	Lorraine E. Merwin	174.20
493	Harry W. Meyer	201.30
494	Jo Ann Minnick	95.60
495	Onance Moore	173.50
496	Jean J. Norem	171.80
497	John R. Perez	151.30
498	Joseph Perry	197.80
499	Marilyn Frances Poaso	174.20
500	Dorothy J. Rae	21.60
501	Amalendu Roy	90.70
502	Joseph Shoaf	100.00
503	Minnie Simpson	51.30
504	Jean J. Ternstrom	174.20
505	Warren Tripp	162.40
506	Sharon Turner	38.00
507	Shirley Tynan	158.90
508	Charles D. Tyler, Jr.	39.00
509	Ruth B. Van Ordel	170.00
510	William Weller	162.40

TOTAL MISCELLANEOUS PAYROLL

6,693.20

SCHOOL OF MINES U.S. MINERAL LEASING ACT

STUDENT HELP PAYROLL

511	James S. Ault	22.50
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STUDENT HELP PAYROLL

512	George M. Ball	18.75
513	Darroll J. Beckley	57.00
514	John R. Beers	19.50
515	Lloyd Best	18.75
516	James R. Bingel	15.75
517	John Paul Bingel	15.75
518	Paul Bock	26.63
519	Emamel G. Bombalakis	45.00
250	Donald L. Brehm	16.50
521	Patrick E. Brehman	3.75
522	James H. Bright	22.50
523	David L. Brown	24.00
524	Garrett H. Bryant	11.25
525	B. F. Burford	32.25
526	James H. Butler, Jr.	3.75
537	George A. Carlisle	58.50
528	Robert H. Chase	15.38
529	Russal Check	4.50
530	Richard A. Chisner	5.63
531	A. B. Condy	22.50
532	Charles J. Curtis	50.63
533	E. W. Davis, Jr.	12.75
534	Jerry L. Daver	22.50
535	John J. Gallagher	6.00
536	N. O. Garanis	20.25
537	Francis E. Gibson	28.50
538	Robert Goodfellow	32.25
539	Gerald E. Gould	6.00
540	Phil Halstead	48.38
541	Joseph H. Hill	8.25
542	David L. Hoover	18.75
543	H. A. Jasdawala	4.88
544	James D. Jarrell	19.50
454	Jason S. Johnson	37.13
546	Robert L. Kane	2.25
557	Harry C. Kent	17.25
548	Hing King	3.00
549	Robert Kettle	11.25
550	Karl Knutson	60.75
551	Robert E. Learned	23.25
552	Alain Lipton	27.12
553	Ernest L. Lucero	9.75
554	Joseph P. McDaniel	9.75
555	Wallace McFegor	10.88
556	Wallace MacLean	11.25
557	J. W. McGraw	16.50
558	Craig O. Malin	37.50
559	Charles M. Mallette	93.00
560	John Masok	18.00
561	John C. C. Mathewson	18.75
562	Albert Matthias	22.50
563	S. S. Merwin	10.50
564	Robert E. Mionlaskis	64.50
656	Nevoyn Noren	9.75
566	Stanley Ogawa	9.75
567	William P. Oline	8.63
568	R. E. Oppel	17.63

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