

Golden, Colo., Aug. 13, 1914

Board of Trustees of the Colorado School of Mines met in regular session. Present: Messrs. Steinkamp, Smith and Willis. Absent: Messrs. Bennett and van Dier.

Minutes of the regular meeting of June 11, 1914, special meeting of June 22, 1914 and regular meeting of July 9, 1914 were read and approved.

W. H. Porter, chief examiner of the state auditor's office, attended the meeting.

Bill against the general school fund were read, audited and allowed as follows:

List of Vouchers paid at Meeting Held August 13, 1914
List of Employees certified to by Civil Service Commission

24025	John Ahlstrom	Salary	\$ 65.00
026	W. H. Bennett	Salary	75.00
027	J. C. Doolittle	Salary	190.00
028	M. E. Garrison	Services	2.25
029	Mrs. Pearl Garrison	Services	37.50
030	H. J. Guth	Salary	100.00
031	W. J. Harris	Salary	75.00
032	E. C. Kayser	Salary	75.00
033	John Jerck	Salary	65.00
034	Alice Jyle	Salary	95.00
035	Erik J. Nelson	Services	52.00
036	Charles Nichols	Salary	60.00
037	O. L. Pal	Salary	100.00
038	Walter H. Ralph	Services	22.00
039	D. T. Shipman	Services	43.50
040	Arch S. S. S. S. S.	Services	45.50
041	Chas. P. Swanson	Services	39.90
042	S. G. Stapleton	Salary	75.00
043	J. W. Watkins	Salary	70.00
			<u>1287.65</u>

		Forwarded	
25044			1287.65
25044	Heryuan Fleck	Salary	208.33
45	W. V. Waldau	Salary	300.00
46	H. B. Patton	Salary	208.33
47	F. W. Draplagan	Salary	250.00
48	Beausch & Lomb Optical Co.	Equip. maint	27.50
49	R. Peroad Jr.	Supplies	1.10
50	Cahu-Doritts Elec. Co.	Supplies	.90
51	Continental Oil Co.	grease & oil	113.53
52	Crosby Steam Gage & Valve Co.	Supplies	4.80
53	J. L. Davidson	Insurance	8.11
54	Werner Fine Clay Co.	Supplies	43.85
55	Werner & Inter Mt. Ry. Co.	Tickets	35.00
56	Wragg Dawson Lumber Co.	Lumber & coal	218.02
57	M. L. Fox	Supplies	1.80
58	Golden Globe	Printing	8.25
59	City of Golden, Colo.	Water rent	236.55
60	W. V. Waldau	Expense	4.75
61	Joyce & Werner	Elks Parade	90.00
62	W. H. Kistler Sta. Co.	Supplies	11.75
63	Spenic Mercantile Co.	Supplies	8.50
64	Kinder Hides Co.	Supplies	18.23
65	Midland Chemical Co.	Floor oil	10.00
66	Price & Smelter Sup. Co.	Supplies	39.62
67	L. H. Morris	Supplies	2.20
68	Wm Mc Intyre	Expense	2.75
69	Pratt Costume House	Elks Parade	3.75
70	F. B. Robinson	Supplies	8.10
71	H. W. Robinson	Elks Parade	5.00
72	School of Mines Revolving Fund	Misc.	77.53
73	G. E. Stecker Co.	Books	19.40
74	Prascript Ptg. Co.	Printing	31.50
75	Ward's Natural Science Estab.	Supplies	16.67
76	Colo. School of Mines Mag.	Mag. & Adv. pr Aug	25.00
77	Colo. School of Mines Mag.	Extra mag.	12.00
78	Colo. School of Mines Mag.	Extra mag.	40.00
79	Colo. School of Mines Mag.	mag. & adv. for July	25.00
80	H. M. Brownman	Services	158.42
81	Harry J. Wolf	Services	277.77
82	Wm. A. Chedsey	Services	118.52
Total Voucher General Fund			3960.28

Summer School Fund bills allowed.

1.	J. C. Bailar	summer school	\$ 50.00
2.	E. J. Dittus	summer school	50.00
3.	C. B. Johnson	summer school	50.00
4.	G. E. J. Sherwood	summer school	50.00
	Total Summer School Fund Voucher		\$ 200.00

H.M. Rubey
recd

Receipts from students since last regular meeting were reported at \$195.00 transferred to H. M. Rubey, Treasurer.

H.M. Rubey
recd

Receipts from summer school fund were reported at \$755.00 transferred to H. M. Rubey, Treasurer, for summer school fund.

Loans were returned since last regular meeting as follows:

H.M. Rubey
recd

Walter L. Hoyt Loan Fund

By C. F. Crain	\$ 25.00
" C. E. Prior	50.00
" J. F. Myers	25.00
" W. A. Light	25.00
	<u>\$ 125.00</u>

H.M. Rubey
recd

Natalie A. Hammond Loan Fund

By J. A. Downer	\$ 50.00
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H.M. Rubey
recd

Vinson Walsh Loan Fund

By J. A. Davis	\$ 50.00
" J. M. Frankel	25.00
	<u>\$ 75.00</u>

Above was transferred to H. M. Rubey, Treasurer.

Estimate of current expenses for month of August, 1914, was handed in by Mr. Waldau at \$4500.36. Placed on file. Salaries of summer school instructors \$600. additional \$20.00 was allowed J. H. Windell.

On motion of Mr. Willis the state auditor was requested to have the books examined by one or more of his expert accountants, to report thereon in time for the biennial report to the governor and the general assembly.

On the recommendation of President Haldane Atlas J. Herbert was retained as instructor in Mechanical Engineering at \$1,000⁰⁰, payable in six installments.

President Haldane was authorized to renew the contract for coal with Powell and Davison of Golden at \$1.90 per ton.

Archie Shugrland was appointed janitor at \$65⁰⁰ per month.

On recommendation of President Haldane, G. J. Plittus was selected as Director of Athletics for the Colorado School of Mines, his compensation to be \$250⁰⁰ per month during the ensuing school year, his services to terminate when his successor is chosen.

On recommendation of President Haldane, and Athletic Director Plittus, George C. Thompson (Michigan 1913) was elected football coach for the season of 1914, his services, as coach to include the months of September, October and November, 1914, and his compensation to be \$1,000⁰⁰ payable in three installments from the Athletic fund.

The vote on both minutes was as follows:

Ayes - Steinhagen, Smith and Willis.

Absent - Van Dier and Bennett.

Board then adjourned.

Res. J. Green, Sec. Ret. J. C. Steinhagen
 Willis Pres.

Golden, Colo., Sept. 10, 1914

Board of ~~Golden~~ School & Union
 Board of ~~Golden~~ met in regular ses-
 sion. Present: Messrs. Steinhauer, Smith
 and Willis. Absent: Messrs. Van Dilet and
 Bennett.

On motion of Captain Smith and by
 unanimous vote, the vote, adopting the
 resolution which hired George C. Thompson
 as post-vall coach was re-considered.

The minutes of August 13, 1914
 were approved.

Tolls against the general ^{school} fund
 were read, audited and allowed
 as follows:

List of vouchers paid at meeting held
 September 10, 1914
 Employees certified to by Civil Service Commission

			\$
240 83	John Ahlstrom	Salary	65.00
84	W. H. Bennett	Salary	75.00
85	D. C. Doolittle	Salary	190.00
86	Mrs. Pearl Garrison	Salary	75.00
87	H. J. Luth	Salary	100.00
88	W. J. Harris	Salary	75.00
89	E. C. Haynes	Salary	75.00
90	John Jenck	Salary	65.00
91	Alice Dyle	Salary	95.00
92	Erik J. Nelson	Salary	50.00
93	Charrye Nichols	Salary	60.00
94	A. K. Prae	Salary	100.00
95	Matter H. Ralph	Services	47.00
96	S. J. Shipman	Services	52.00
97	Arch S. Ingerland	Services	53.60
98	S. J. Stapleton	Salary	75.00
99	Chas. P. Swanson	Salary	65.00
24100	A. S. Walter	Services	9.12
101	J. W. Watkins	Salary	70.00
102	W. G. Haldane	Salary	300.00
103	Herman Flick	Salary	208.33
104	H. B. Patton	Salary	208.33
105	F. W. Traphagen	Salary	200.00
	Forward		2363.38

Forwarded

2363.38

24106	J. C. Bailar	Services	16.25
107	Mrs. Alice Baker	Laundry	1.40
108	Bohm Allen Jewelry Co.	Equipment	8.50
109	Brunswick Paper Collender Co.	Repairs	42.55
110	Capital Brush Factory	Supplies	16.38
111	Clark Transfer Co.	Fire-ice parade	22.50
112	Colorado Industrial Workshop	Tarooms	4.75
113	Crowley Magazine Co.	Subscriptions	40.20
114	Denver Fire Clay Co.	Supplies	7.50
115	Denver Multi-graphing Co.	Supplies	1.45
116	E. J. Dittus	Services	16.25
117	Donath Davison Lumber Co.	Supplies	57.55
118	W. V. Eldridge	Expenses	6.00
119	M. F. Joss	Supplies	6.15
120	H. I. Gerton	Repairs	14.25
121	Geddy Globe	Printing	24.50
122	W. F. Haldaun	Expenses	7.30
123	C. D. Johnson	Services	16.25
124	J. H. Kinder & Div. Co.	Supplies & plumbing	96.45
125	M ^c Grain Hill Book Co.	Books	7.88
126	Mine & Smelter Sup. Co.	Supplies	83.58
127	Mountain States Telep. Co.	Telephone	51.95
128	Alfred Olson	Expenses	5.50
129	F. B. Robinson	Supplies	8.15
130	G. E. F. Sherwood	Services	16.25
131	School of Mines Revolving Fund	Miscellaneous	32.01
132	A. V. Seiler	Supplies	2.40
133	G. E. Stechert	Books	14.75
134	Transcript Printing Co.	Printing	18.00
135	Underwood Typewriter Co.	Supplies	2.00
136	Western Bar & Bottles Sup. Co.	Supplies	2.00
137	Western Press Clipping Service Co.	Services	2.00
138	F. G. Willis	Expenses	28.50
139	Colo. School of Mines Magazine	Advertising	25.00
	Total Vouchers - General Fund		3069.53

Bills allowed against the
Summer School Fund:

5	J. C. Bailar	Services	\$ 133.75
6	E. J. Dittus	Services	133.75
7	C. D. Johnson	Services	133.75
8	G. E. F. Sherwood	Services	133.75
9	School of Mines Revolving Fund	Repairs	20.00
	Total Summer School Vouchers		\$ 555.00

10 Bills allowed against the
H. M. Rubey Treas. Student Receipt Fund
School of Mines Revolving Fund. Reports \$126.25

89 Bills allowed against the
Athletic Association Fund:
E. J. Dittus Petty cash deposit 100.00

On motion of Mr. Willis the salary of
E. J. Dittus, as Athletic Director, \$25⁰⁰ per
month was made payable from the
general fund, to begin September 1,
1914.

H. M. Rubey
Treas.

Receipts from students since last
regular meeting were reported at
\$1800.25. Transferred to H. M. Rubey
treasurer.

H. M. Rubey
Treas.

Receipts from miscellaneous sources
for month of August, 1914, were
reported at \$2.28. Transferred to
H. M. Rubey, treasurer, state treasurer
account.

H. M. Rubey
Treas.

Athletic receipts since last regu-
lar meeting were reported as \$701.25
Transferred to H. M. Rubey, treasurer.

H. M. Rubey
Treas.

Loans were returned as follows:
To Walter L. Hoyt Loan Fund \$102.00
By C. E. Prior

Estimate of current expenses for
month of September, 1914, to be
paid at the October meeting was
passed in by Mr. Haldanoff at
\$8,636.48.

Minutes of the faculty and of
the Athletic Board were read for
the information of the board of
trustees.

From the cash loan funds
Philip J. McGuire was allowed \$50⁰⁰ and J. E. Heasley, \$100⁰⁰

Mr. Haldane was authorized to buy a No. 1 dryer at a cost of \$800 from the Ruggles Cole and Engineering Co. New York City, to complete an arrangement heretofore made with the Putnam Steel and Steel Company, under which said company, paid to school general fund, \$800 for the A 2 dryer then in hand.

Mr. Haldane was authorized to solicit bids on coal contract for the ensuing year, and to let the contract to the lowest and best bidder.

On recommendation of Mr. Haldane, J. C. Stephens was engaged as assistant in English and high school visitor for the ensuing school year, on a basis of \$400 for the year, to be paid in nine monthly installments.

E. C. van Nieuw appeared and took his seat.

The request of B. C. Essig to be considered as *bona fide* resident of Colorado was granted.

D. E. Mayhugh was permitted to enter as a resident of Colorado.

Board then adjourned.

Jewell S. Pritch
Secretary

Fred C. Steinbauer

President
J. Miller

Golden, Colo., Oct. 8, 1914.

Board of Trustees of the Colorado School of Mines met in regular session. Present: Messrs. Stenbauer, Smith and Willis. Absent: Messrs. Bennett and van Dierk.

Minutes of the meeting of September 10, 1914, were read and approved.

Mr. Willis offered the following:
Resolved: That on and after this date the registrar is instructed not to issue vouchers drawn on the State Auditor for accounts less than or including \$5 in amount, for supplies furnished, and that he is instructed to pay in cash from the revolving fund all accounts which are less than this amount, taking detailed receipts for the amount paid. The bills thus paid are to be included in the voucher reimbursing the revolving fund for the amount thus paid. In case where it is necessary to pay accounts in excess of, or including \$5, the registrar is authorized to pay said accounts when authority to do so is given in writing by the president of the faculty.

Vote was as follows:

Ayes: Stenbauer, Smith and Willis

Bills against the general school fund were read, audited and allowed as follows:

Employees certified to by Civil Service Commission

List of vouchers paid at meeting held October 8, 1914.

24140	John Ahlstrom	Salary	65.00
141	W. H. Bennett	Salary	75.00
142	D. C. Doolittle	Salary	190.00
143	Mrs. Pearl Garrison	Salary	75.00
	Forward		<u>405.00</u>

		Forwarded	405.00
24144	H. J. Guth	Salary	100.00
145	Orville Harrington	Salary	50.00
146	W. J. Harris	Salary	75.00
147	E. C. Kaynes	Salary	75.00
148	H. D. Kinman	Laborer	19.75
149	John Juck	Salary	65.00
150	W. C. Johnston	Salary	50.00
151	A. L. Jell	Laborer	6.50
152	Alice Kyle	Salary	95.00
153	Erik V. Nelson	Services	44.00
154	Clarence Nichols	Salary	60.00
155	A. H. Paal	Salary	100.00
157	W. D. Shipman	Services	55.00
156	Walter H. Ralph	Laborer	12.00
158	Arch Slingerland	Salary	65.00
159	R. G. Stapleton	Salary	75.00
160	G. C. Stephens	Salary	44.44
161	Char. P. Swanson	Services	32.50
162	J. W. Watkins	Salary	70.00
220	H. A. Olson	Salary	11.11
163	J. C. Bailar	Salary	200.00
164	C. R. Burger	Salary	233.33
165	Regis C. Chagnenet	Salary	277.77
166	W. R. Chedsey	Salary	177.77
167	E. J. Wittus	Salary	133.33
168	Norman Fleck	Salary	208.33
169	W. G. Haldane	Salary	300.00
170	H. A. Hawley	Salary	188.88
171	W. J. Hazard	Salary	222.22
172	Atlas J. Robert	Salary	111.11
173	C. A. Johnson	Salary	144.44
174	R. R. Knowles	Salary	133.33
175	H. J. Miller	Salary	222.22
176	G. A. Mulenburg	Salary	100.00
177	H. B. Patton	Salary	208.33
178	G. E. J. Sherwood	Salary	166.66
179	W. M. Shorman	Salary	144.44
180	C. H. Tipt	Salary	188.88
181	D. W. Traphagen	Salary	250.00
182	H. C. Wolf J	Salary	277.77
183	Victor Ziegler	Salary	177.77
		Forward	5576.88

Forwarded

15576.88

24184	Anti Rust Chemical Co.	Swickin & compound	4.00
185	Baum Bros. Co.	Flour & oil	10.50
186	James G. Biddle	Equipment	10.79
187	J. Bishop & Co.	Repairs	40.01
188	Brunswick Balke Callender Co.	Supplies	27.09
189	Burroughs Adding Machine Co.	Repair	3.00
190	Cardwell Blueprint Co.	Mounting map	27.16
191	Colo. School of Music Magazine - Mag. & Adv.		25.00
192	Continental Oil Co.	Gasoline	94.19
193	Denver Fire Clay Co.	Supplies	132.20
194	Denver Times	Subscription	3.00
195	Duval Davison Lumber Co.	Lumber & fuel	580.43
196	Eclipse Paint & Mfg. Co.	Paint	37.50
197	W. J. Eldridge	Express	2.00
198	M. L. Jost	Supplies	.88
199	Ginn & Co.	Books	6.32
200	W. G. Kaldane	Express	8.45
201	Knight Camp Hill Music Co.	Payment on piano	100.00
202	Kalning Mercantile Co.	Supplies	15.75
203	Library Bureau	Supplies	22.70
204	J. H. Gilder Hardware Co.	Plumbing & sup.	16.69
205	McCrant Hill Book Co.	Books	10.35
206	W. P. McIntyre	Express	3.50
207	Mine & Smelter Sup. Co.	sup. & import order	898.06
208	L. H. Morris	Paper	14.00
209	Mountain State Tel. Co.	Telephone	24.24
210	Geo. W. Parpet	Sand	8.25
211	Gas. L. Robertson & Sons	Equipment	12.50
212	D. B. Robinson	Supplies	41.60
213	Rocky Mountain News	Subscriptions	12.25
214	School of Music Revolving Fund	Misc.	61.21
215	Soren Sorenson	Supplies	4.50
216	F. C. Steinhauer	Telephone	15.00
217	Transcript Ptg. Co.	Printing	32.00
218	Merton Electrical Inst. Co.	Equipment	56.00
219	John Wiley & Sons	Book	2.57
220	Hallie Surveying Inst. Co.	Repairs	14.70
222	E. J. Dittus	Salary Athletic Director	25.00
223	Golden Globe	Printing	25.25
	Total vouchers - General Fund		8004.92

Athletic Association Cash Fund

90	R. Broad Jr.	Supplies	17.45
91	W. C. Bryan	Salary	150.00
92	Davis Bros. Drug Co.	Drugs	19.88
93	E. J. Lutton	Cash advanced	42.30
94	Edwall Harrison Lumber Co.	Lumber	4.48
95	Wm. J. Stanley	Salary	250.00
96	J. H. Ruder Hardware Co.	Supplies	3.45
97	R. E. Smith	Repairing shoes	8.65
98	A. V. Spalding & Bros.	Athletic sup.	128.27
99	J. R. Walker	Repairing suits	6.85
100	Western Typewriter Sales Co.	Repairs	5.00
101	Whitney Sporting Goods Co.	Athletic sup.	81.20
	Total Athletic Bills		\$717.53

Natalie H. Hammond Loan Fund
 D. E. Keatley Loan \$100.00

Estimate for month of October was handed in by Mr. Kaldam at \$7949.08. Placed on file.

Receipts from students since last regular meeting were reported at \$3271. Transferred to H. M. Rubey, Treasurer of student receipt fund. Athletic receipts to the amount of \$262.80 were reported since last regular meeting. Transferred to the Treasurer.

Receipts from miscellaneous sources for the month of September were reported at \$116.49. Transferred to H. M. Rubey, Treasurer, for state Treasurer, account.

Loans were returned since last regular meeting as follows:

Walter K. Hoyt Loan Fund

C. E. Prior	102.00
J. F. Myers	25.00
H. R. Cain	25.00
V. A. Light	25.00
C. F. Abram	25.00

\$202.00

Mr. Rubey's
 Memorandum
 Mr. Rubey's
 Memorandum
 Mr. Rubey's
 Memorandum
 Mr. Rubey's
 Memorandum

*M. M. Nubkey
Treasurer
W. M. Nubkey
Chairman*

Natalie H. Hammond Loan Fund \$50.00
 A. Brown
 Vinson Walsh Loan Fund
 J. B. Davis 50.00
 J. M. Frankel 25.00
 \$75.00

Transferred to the treasurer

The following refunds were allowed:
 F. S. Fallashee - Min. 3- \$3.00
 M. O. Carlson E.E. 107- 2.00
 G. A. Nupis Chem. 153a- 7.00

J. J. Cadut was permitted to register as a bona fide resident of Colorado.

Proceedings of the faculty and of the Athletic Association were read for the information of the Board of Trustees.

Advertisement in "Economic Geology" to cost \$3.50 per year was authorized.

Fifty dollars was allowed for the benefit of the Integral Club. Vouchers numbered 23229, 23324, 23411 and 23500, in favor of Orville Harrington were altered to read "Assistant to the Registrar". Board then adjourned.

Jess. Sweet
 Fred C. Steinbauer Secretary
 President.

(Signature) *(Signature)*

Golden, Colo., Nov. 12, 1914.
 Board of Trustees of the Colorado School of Mines
 met in regular session Present: Messrs. Steinbauer,
 Smith and van Dier. Absent: Messrs. Bennett
 and Willis

Minutes of the meeting of October 8, 1914,
 were read and approved

Bills against the general school
 fund were read, audited, and allowed
 as follows:

List of vouchers paid at meeting held Nov. 12, 1914.
 Employees certified to by Civil Service Commission:

24224	John Dohlstrom	Salary & extra services	67.50
225	W. H. Bennett	Salary	75.00
226	J. C. Doolittle	Salary	190.00
227	F. S. Doolayhee	services	5.25
228	Mrs. Pearl Garrison	Salary	75.00
229	H. J. Guth	Salary	100.00
230	Arville Harrington	Salary	50.00
231	W. J. Harris	Salary	75.00
232	E. C. Hayes	Salary	75.00
233	D. D. Kinman	services	19.75
234	John Junk	Salary	65.00
235	D. C. Johnston	Salary	50.00
236	Alice Kyle	Salary	95.00
237	P. J. Mc Guire	services	4.75
238	Clarence Nichols	Salary	60.00
239	V. A. Olson	Salary	11.11
240	A. L. Pac	Salary	100.00
241	D. D. Shipman	services	21.63
242	Arch Slingerland	Salary & extra services	67.50
243	S. G. Stapleton	Salary & extra services	77.50
244	J. C. Stephens	Salary	44.44
245	Chas. P. Swanson	services	43.37
246	J. W. Watkins	Salary	70.00
247	J. C. Wailar	Salary	200.00
248	C. R. Burger	Salary	233.33
249	Regis Chauvenet	Salary	277.77
250	W. R. Chidsey	Salary	177.77
251	E. J. Dittus	Salary	133.33
252	Herman Flick	Salary	208.33
	Forward		2673.33

		Forwarded	
24	253	W. G. Kaldane	Salary 300.00
	254	R. S. Kainley	Salary 188.88
	255	W. J. Hazard	Salary 222.22
	256	Atlas J. Herbert	Salary 111.11
	257	C. S. Johnson	Salary 144.44
	258	B. R. Kromler	Salary 133.33
	259	L. J. Miller	Salary 222.22
	260	G. A. Milkenburg	Salary 100.00
	261	H. B. Patton	Salary 208.33
	262	G. E. D. Sherman	Salary 166.66
	263	W. M. Showman	Salary 144.44
	264	C. D. Tust	Salary 188.88
	265	D. W. Traphagen	Salary 250.00
	266	H. J. Wenzel	Salary 277.77
	267	Victor Ziegler	Salary 177.77
	268	V. J. Wittus	Salary 25.00
	269	Amer. Society of Mech. Eng.	Books 6.00
	270	Builders Iron Foundry	Equipment 76.50
	271	Capital Electric Co.	Supplies 12.60
	272	Colo. Sch. of Mines Magazine	Advt. & Mag. 25.00
	273	Continental Oil Co.	Oil & Gasoline 141.30
	274	Denver Fire Clay Co.	Supplies 41.10
	275	Hurvell Davison Moulder Co.	Moulder & Fuel 81.09
	276	M. L. Foss	Supplies 11.61
	277	C. E. Gortman Machine Mks.	Repairs 38.70
	278	Golden Gloves	Printing 34.75
	279	Golden Illuminating Co.	Light & Power 161.06
	280	City of Golden	Water rent 172.63
	281	W. G. Kaldane	Expenses 6.40
	282	Mudpie & Balhoff Mfg. Co.	Supplies 55.84
	283	D. C. Johnston	Supplies 7.70
	284	Hallie Surs. Inst. Co.	Repairs 8.00
	285	J. H. Kinder Hardware Co.	Rep. & sup. 174.39
	286	Mine & Smelter Sup. Co.	Supplies 15.90
	287	Maintain States Telep. Co.	Telephone 24.80
	288	McGraw-Hill Book Co.	Books 13.05
	289	L. G. McClure	Photographs 6.50
	290	M. J. O'Fallon Sup. Co.	Supplies 8.70
	291	F. B. Robinson	Supplies 21.70
	292	School of Mines Res. Fund	Miscell. 73.23
	293	Transcript Ptg. Co.	Printing 118.00
Forward			6871.48

		Forwarded		6871.48
24294	W. S. Tyler Machine Co.	Equipment	39.78	
295	Weiss Instrument Co.	Repairs	21.00	
296	Weston Electrical Inst. Co.	Equipment	105.40	
297	F. G. Willis	Expenses	20.45	

Total Vouchers General Fund \$7058.11

Athletic Association Cash Fund Vills allowed:

102	R. Broad, Jr.	Supplies	9.00
103	W. C. Bryson	Salary	150.00
104	Clavis Bros. Drug Co.	Drugs	10.30
105	E. J. Ritter	Miscellaneous	46.95
106	J. Curbin Surgical Sup. Co.	Supplies	3.25
107	W. J. Stanley	Salary	250.00
108	J. H. Kinder Hardware Co.	Sup.	3.25
109	D. B. Robinson	Sup.	2.20
110	E. E. Smith	Repairing shoes	7.50
111	A. G. Spalding & Bros.	Ath. sup.	41.55
112	Whitney Sporting Goods Co.	Ath. Sup.	32.65

Total Athletic Assoc. Fund \$556.75

Repayments allowed:

11 H. M. Puhay Treas. Student Receipt Fund
 School of Mines Revolving Fund - Repaid \$56.40

12 Vinson-Walsh Loan Fund loan allowed.
 P. J. McGuire loan \$150.00

H. M. Puhay Treas

Registrar turned in \$268.75 as receipts from students since last regular meeting. Transferred to H. M. Puhay, Treasurer.

H. M. Puhay Treas

Athletic receipts since last regular meeting were reported at \$78. Transferred to H. M. Puhay, Treasurer.

H. M. Puhay Treas

Loan of \$25 was returned to Walter L. Hoyt Loan Fund by J. F. Myers. Transferred to H. M. Puhay, Treasurer.

H. M. Puhay Treas

Receipts from miscellaneous sources from October 1 to date were reported at \$87.56. Transferred to H. M. Puhay, State Treasurer Account.

Estimate for month of November, current expenses, was handed in by Mr. Kaldane at \$8,151.40.
P. placed on file.

Petition of Santiago Urteaga in the matter of fees was referred to Mr. Kaldane with power to act.

The following refunds were allowed:

F. H. Geib	Genl. 53	\$4.00
F. E. Matley	Met. 39a	5.00
J. A. Waffler	Chem. 103a	7.00

On motion of Mr. F. J. Willis the Registrar was instructed to cancel vouchers 23229, 23324, 23411, and 23500, in favor of Orville Harrington and issue in place thereof voucher bearing date of March 10, 1914 in favor of Orville Harrington, "Assist. to the Registrar", as per intent of Board of Trustees through its resolution under date of March 12, 1914.

Captain Smith offered the following which was adopted by unanimous vote:

Resolved, that the president of the Faculty is hereby requested to report at the December, 1914, session of the Board of Trustees upon the feasibility and probable cost of establishing at the Colorado School of Mines an institute or special course on the building and care of highways. Also that the State Commissioner of Highways be requested to state what assistance, if any, can be extended in that direction by the state highway commission under existing laws.

Resolved further, That the faculty of the Colorado School of Mines, at the earliest practicable date, is requested to report upon the feasibility and requirements for a graduate course in highway engineering at the Colorado School of Mines, based upon the plan recently adopted by the School of Mines at the University of Columbia, New York City.

It was agreed on the suggestion of Mr. Van Alst that the matter of highway instruction be taken up at the next meeting of the board, special or regular.

Payment of the following vouchers having been refused by the State Auditor and the originals returned to the school, the Registrar is hereby instructed to charge them of the books.

23396	F. W. Traphagen	10.35
23847	Young Men's Christian Association	400.00
23392	A. W. Smith	4.05
23480	H. B. Patton	5.00
23334	A. W. Smith	11.00
23485	F. W. Traphagen	46.25
23456	Colo. School of Mines Magazine	17.50
23370	E. J. Wittus allowed by file at \$9.90, but cut by State Auditor to \$9.10, a difference of	.80
23457	National Surety Co.	50.00

Minutes of the faculty and athletic meetings were read for the information of the Board of Trustees.

The sum of \$200 was allowed for a course of lectures by Mr. Lucien J. Blake to be hereafter arranged.

The degree of Master of Science was conferred upon Merle W. Wilkinson, as under date of May 22, 1914. This was done upon the recommendation of the Faculty.

Board then adjourned.

Fred C. Steinbauer *J. V. Smith*
 President Secretary
 J. P. Willis

Golden Colo., Dec. 10, 1914

Board of Trustees of the Colorado School of Mines met in regular session. Present Messrs. Steinbauer, Smith and Willis. Absent, Messrs. Bennett and Van Dier. Minutes of the meeting of November 12, 1914 were read and approved.

Bills against the general school fund were read, audited and allowed as follows:

List of paychecks paid at meeting held December 10, 1914. Employees certified to by Civil Service Commission.

24295	John Ahlstrom	Salary	65.00
299	W. H. Bennett	Salary	75.00
300	D. C. Doolittle	Salary	190.00
301	F. S. Doolittle	Salary	1.50
302	Mrs. Pearl Garrison	Salary	75.00
303	H. J. Guth	Salary	100.00
304	Orville Harrington	Salary	50.00
305	W. J. Harris	Salary	75.00
306	E. C. Haynes	Salary	75.00
307	D. D. Hinman	Services	18.50
308	John Juck	Salary	65.00
309	D. C. Johnston	Salary	50.00
310	Alice Pyle	Salary	95.00
	Forward		935.00

Forwarded

935.00

24311	P. J. Mc Guire	Salary	1.50
312	Clarence Nichols	Salary	60.00
313	V. A. Olson	Salary	11.11
314	A. L. Rae	Salary	100.00
315	Arch Shugesland	Salary	65.00
316	P. J. Stapleton	Salary	75.00
317	J. J. Stephens	Salary	44.44
318	Chas. P. Swanson	Salary	65.00
319	J. W. Watkins	Salary	70.00
342	G. E. Lee	Services	2.85
320	J. C. Bailar	Salary	200.00
321	C. R. Burger	Salary	233.33
322	Regis Chaudenet	Salary	277.77
323	W. J. Chedley	Salary	177.77
324	E. J. Mittus	Salary	133.33
325	Norman Fleck	Salary	205.33
326	W. J. Kaldanus	Salary	300.00
327	R. S. Hawley	Salary	158.88
328	W. J. Hayward	Salary	222.22
329	Atlas J. Hubert	Salary	111.11
330	C. R. Johnson	Salary	144.44
331	B. R. Knowles	Salary	133.33
332	L. D. Miller	Salary	222.22
333	J. A. Milendurg	Salary	100.00
334	B. B. Patton	Salary	208.33
335	J. E. J. Sherwood	Salary	166.66
336	J. H. M. Showman	Salary	144.44
337	C. D. Best	Salary	188.88
338	D. W. Traphagen	Salary	250.00
339	H. J. Wolf	Salary	277.77
340	Victor Ziegler	Salary	177.77
341	E. J. Mittus	Salary	25.00
343	And. Smelting & Refining Co.	Supplies	14.78
344	B. Broad Jr.	Supplies	6.46
345	Regis Chaudenet	Expenses	14.20
346	Col. Sch. of Minn. Mag.	Ad. Magazines	25.00
347	S. A. Cunningham	Livery	6.00
348	M. E. De Waff Restaurant	Catering	16.00
349	Denver Fire Clay Co.	Supplies	296.45
350	E. J. Mittus	Supplies	15.95
351	Alvord Harrison Lumber Co.	Lumber & Fuel	269.63
352	Denver & Inter-Mt. Ry. Co.	Tickets	35.00

Forward

6221.05

		Forwarded		
24353	W. Y. Kaldau	Expenses		6711.05
354	W. Y. Kaldau	Expenses		7.75
355	Hendrie & Berthoff Mfg. Co.	Supplies		4.50
356	D. C. Johnston	Supplies		15.74
357	Lally Surveying Inst. Co.	Repairs		18.75
358	J. H. Linder Hardware Co.	Supplies		32.00
359	Mine & Smelter Supply Co.	Supplies		6.75
360	Mountain Electric Co.	Supplies		154.25
361	Mountain State Telephone Co.	Telephone		8.77
362	F. B. Robinson	Supplies		26.05
363	H. W. Robinson	Supplies		40.15
364	School of Mines Revolving Fund	Misc.		6.25
365	Soren Sorenson	Supplies		84.92
366	J. G. Stecher	Books		4.40
367	Transcript Printing Co.	Printing		4.25
368	F. W. Trap Lagen	Expenses		9.50
369	Wilson Maulden Co.	Equipment		16.00
Total vouchers General Fund				\$ 6729.88

Testing Plant Fund bills allowed:

233	Westinghouse Elec. & Mfg. Co.	Equipment	173.00
234	Thos. H. Smith	Repairs	14.35
Total Testing Plant vouchers			\$ 187.35

H. M. Ruby, Treas. Student Receipt Fund

12	School of Mines Revolving Fund	Receipts	46.00
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Athletic Association Cash Fund bills allowed:

113	N. C. Bryan	Salary	\$ 150.00
114	Davis Bros. Drug Co.	Drugs	5.47
115	E. J. Alttus	Expenses	66.10
116	Foss Drug Co.	Drugs	9.90
117	Golden Laundry Co.	Laundry	38.17
118	W. J. Hanley	Salary	250.00
119	Aln. A. H. Ketchum	Dental services	120.00
120	C. W. Owens	Expenses	3.75
121	E. E. Smith	Repairing shoes	18.60
122	A. G. Spalding & Bros.	Supplies	69.80
123	St. Joseph's Hospital	Hospital services	5.00
124	Mrs. J. S. Yalpen	Repairing suits	6.50
125	Whitney Mfg. Co.	Athletic Equip.	8.00
126	C. N. Wenzinger	Liability Insurance	33.33
Total Athletic Association Fund			\$ 784.62

Y.M.C.A. Receipts from students since last regular meeting were reported at \$235.20. Transferred to H.M. Ruby, Treasurer.

Y.M.C.A. Athletic receipts since last regular meeting were reported at \$1,327.07 Transferred to H.M. Ruby, Treasurer.

Y.M.C.A. Receipts from miscellaneous sources for month of November were reported at \$153.89. Transferred to H.M. Ruby, Treasurer. Loans were returned since last regular meeting as follows:

Y.M.C.A. To the Walter P. Hoyt Loan Fund
 T. A. Right 25.00
 C. F. Crane 25.00 \$50.00

Y.M.C.A. To the Natalie H. Hammond Loan Fund
 A. E. Perkins 50.00
 A. E. Perkins, interest 30.04 \$80.04

Y.M.C.A. To the Vinson Walsh Loan Fund
 C. A. Rockwood 25.00
 " " " interest 4.50
 J. B. Davis 50.00
 J. M. Frankel 25.00 104.50

Captain Smith offered the following: Resolved, that beginning with the next semester, January 20, 1915, a horizontal reduction in fees chargeable against students, with the exception of the \$4.50 athletic fee and the fee of \$1.00 per annum for tuition of students from outside the state is hereby ordered to take effect until further action in the premises by the Board of Trustees.

Resolution was rejected by the following vote:

Ayes - James T. Smith
 Nays - Peter Bauer and Willis.

Following was approved and ordered placed in the minutes:

November, 25 1914

To the Faculty and Board of Trustees
Colorado School of Mines

The committee appointed to investigate the desirability of a short course arranged for prospectors, report:

1. That a course beginning February 8, 1915, and continuing 3 weeks is very advisable and should consist of the following courses:
 2. Outline of Short Course.
 1. Minerals important to the Prospector 3 - 2-hour periods per week
 2. Common Rocks 2 - 2- " " " "
 3. Qualitative Analysis 3 - 2- " " " "
 4. Prospecting 3 - 1-hour " " " "
 5. Mining 3 - 1- " " " "

3. That it is their recommendation that the cost for such a course be as low as possible to cover materials used, and roughly estimated at \$1.00 in the Geology department, \$1.50 in the Chemistry department, and no fee in the Mining department, books and apparatus extra of course.

Respectfully submitted,
Special Committee on
Prospector's Short Course.

Captain Smith offered the following, which was adopted by an unanimous vote:

Resolved: That during the month of February, 1915, the faculty of the Colorado School of Mines shall provide a short special course for Colorado prospectors, which shall include primary instruction in geology, mineralogy, and methods for taking minerals in the field.

No charge will be made for tuition but the Board of Trustees reserves the right to charge a small fee to cover the cost of chemicals and other supplies used in the laboratories in connection with the course.

Estimate for current expenses of month of December to be allowed at the January meeting was handed in by Mr. Kaldane at \$877.33.
Placed on file.

Allowing was adopted by unanimous vote.
Resolved that for the use of the Integral Club to cover general expenses of the same and keep the equipment in repair, the sum of \$100 is hereby allowed.

Report of Faculty Committee on "Institute in Highway Construction" and "Graduate Course in Highway Engineering" dated November 25, 1914, was read and placed on file.

President Plumbauer and E. C. van Fleet of the Board of Trustees and President Kaldane of the Faculty were named as a special committee to take charge of all matters concerning the department of highway engineering and to report from time to time to the Board of Trustees.

Minutes of the Faculty meetings and of meetings of the athletic board were read for the information of the Board of Trustees.

By motion of Mr. F. V. Willis, President Kaldane was authorized to secure the services of Mr. John C. Darling as Athletic Director, his services to begin January 1, 1915, and to end May 31, 1915, compensation to be \$750 for the period.

named. Payments to be made from
the general fund.
Carried by unanimous vote.

The following refund was allowed.
Max Book Her - Mining I - \$3.00

Mr. Haldane, with the advice of
the Athletic Director, was authorized
to secure apparatus for the gym-
nasium, cost not to exceed \$1,200.
The purchase of 400 copies of the
Colorado School of Mines ^{Magazines} was au-
thorized.

Mr. Haldane was authorized to
have a bill drawn for introduc-
tion in the Colorado General
Assembly, making an appropriation
of \$20,000 for the additional equip-
ment and operation of the School
of Mines and testing plant during
1915 and 1916.
Board then adjourned.

James T. Smith
Secretary

Geo. C. Steinhilber
President
J. S. Miller