

Golden, Colo., Jan. 14, 1915.

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

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

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

List of vouchers paid at the meeting held January 14, 1915.  
Employees certified to by Civil Service Commission

24370	John Ahlstrom	Salary	65.00.
371	W. H. Bennett	Salary	75.00.
372	J. C. Doolittle	Salary	190.00.
373	Mrs. Pearl Garrison	Salary	75.00.
374	H. J. Gutz	Salary	100.00.
375	Orville Harrington	Salary	50.00.
376	W. J. Harris	Salary	75.00.
377	E. C. Hayes	Salary	75.00.
378	D. D. Kenman	Services	19.75.
379	John Juch	Salary	65.00.
380	D. C. Johnston	Salary	50.00.
381	Nathl Lewis	Services	32.90.
382	Alice Lyles	Salary	95.00.
383	P. J. McInure	Services	5.00.
384	Clarence Nichols	Salary	60.00.
385	E. A. Olson	Salary	11.11.
386	A. L. Pae	Salary	100.00.
387	Arch Shinglerand	Salary	65.00.
388	E. J. Stapleton	Salary	75.00.
389	J. C. Stephens	Salary	44.44.
390	Chas. P. Swanson	Salary	65.00.
391	J. W. Watkins	Salary	70.00.
392	J. C. Bailar	Salary	200.00.
393	C. R. Burger	Salary	233.33.
	Forward		1896.53

		Forwarded	
24394	Regis Chauvenet	Salary	1896.53
395	W. R. Gredey	Salary	277.77
396	E. J. Pittus	Salary	177.77
397	Norman Fleck	Salary	133.33
398	W. G. Kaldaus	Salary	208.33
399	R. S. Hawley	Salary	300.00
400	W. F. Hazard	Salary	185.85
401	Atlas J. Hubert	Salary	222.22
402	C. S. Johnson	Salary	111.11
403	R. P. Kromler	Salary	144.44
404	L. J. Miller	Salary	133.33
405	J. A. Milenburg	Salary	222.22
406	H. B. Patton	Salary	100.00
407	J. E. J. Sherwood	Salary	208.33
408	J. M. Showman	Salary	166.66
409	C. D. Tiet	Salary	144.44
410	D. W. Traphagen	Salary	188.88
411	H. J. Wolf	Salary	250.00
412	Victor Geiger	Salary	277.77
413	E. J. Nettles	Salary	177.77
414	Wm. H. Andre	Books	25.00
415	Capital Electric Co.	Supplies	14.40
416	Colorado News Co.	Subscriptions	79.35
417	Col. Sch. of Mines Magazine	Mag. & Printing	104.00
418	Continental Oil Co.	Lardine	58.00
419	Daniels & Fisher Stone Co.	Furniture	7.50
420	Denver Fire Clay Co.	Supplies	8.55
421	Denver Post	Subs. & Advertising	56.55
422	Dwight Davison Lumber Co.	Lumber & coal	32.80
423	Electric Service Supplies Co.	Supplies	793.57
424	Golden Globe	Printing	5.61
425	W. G. Kaldaus	Expenses	-12.75
426	Koenig Mercantile Co.	Supplies	6.00
427	J. H. Sander & Son Co.	Supplies	7.90
428	Mine & Smelter Sup. Co.	Supplies	42.14
429	Mountain pts. Tel. Co.	Telephone	65.78
430	H. B. Patton	Expenses	23.77
431	Pueblo Chieftain	Advertising	12.15
432	D. B. Robinson	Books & supplies	10.00
433	W. F. Robinson Ptg. Co.	Printing	112.81
434	School of mines Revolving Fund - Misc.		75.25
	Forward		142.96
			7227.42

Forwarded

7227.42

24435-	Soren Sorenson	Supplies	7.50.
436	Manuscript Itg. Co.	Printing	33.10.
437	F. J. Wells	Expense	11.95.
438	Geo. W. Parset	Hauling	8.25.
439	Quig Electro-Magnetic Rep. Co.	Equipment	25.52
440	H. B. Patton	Expense	91.35.

Total vouchers-General Fund \$7405.14

Testing Plant Fund, bills allowed:

235- Quig Electro-Magnetic Rep. Co., Equipment \$674.48.

H. M. Rubeys Treas. Student Receipt Fund  
Bills allowed.

13 School of Mines Revolving Fund - refunds \$79.18.

Athletic Association Cash Fund  
Bills allowed:

127	Mrs. Carlotta Benedict	Insurance	\$12.50.
128	W. C. Bryan	Cash advanced	28.65.
129	W. C. Bryan	Salary	150.00.
130	J. E. Darling	Petty cash deposit	100.00.
131	J. E. Cadot	Salary	100.00.
132	E. J. Pittus	Cash advanced	58.65.
133	A. J. Spalding & Bros.	Athletic supplies	155.21.
134	The Standish Hotel	Meals	15.50.
135-	Whitney Sporting Goods Co.	Supplies	49.05.

Total Athletic Assn. Bills \$669.56

Receipts from students since last regular meeting at reported, at \$196.95. Transferred to H. M. Rubeys, Treasurer.

H. M. Rubeys  
Treas

Athletic receipts since last regular meeting were reported at \$558.60. Transferred to H. M. Rubeys.

H. M. Rubeys  
Treas

From miscellaneous sources for month of December 1914, were reported at \$151.50. Transferred to H. M. Rubeys, Treasurer.

H. M. Rubeys  
Treas

AM Rockwood  
was

Loans were returned since last regular meeting as follows:

To Walter F. Hoyt Loan Fund  
By J. D. Myers \$25.00

AM Rockwood  
was

To Vinson Walsh Loan Fund \$29.65  
By C. A. Rockwood  
of which \$4.65 is interest.

Estimate of expenses for month of January, 1915, was handed in by Mr. Haldaun at \$9,809.42. Placed on file.

Minutes of the Faculty meeting were read for the information of the Board of Trustees.

The following refund was allowed.

J. H. Gib -	Geol. 53 -	\$ 4.00
	" 54 -	5.35
Total		\$ 9.35

The Columbian National Life Insurance Co. of Boston was released from liability in the case of C. A. Rockwood, he having paid the loan in full.

Mr. Haldaun was authorized to advertise school in Bulletin of the American Association of Engineers in months of April, May, June, and July, 1915.

Mr. E. C. van Dier appeared and took his seat.

Mr. Haldaun was instructed to have Senator Cayer and Representative Staley introduce in the General Assembly the bills for the high way engineer and for appropriation of \$50,000 for the testing plant.

Athletic Director Wittus reported concerning football receipts and expenditures for season of 1914. Placed on file.

Board then adjourned  
Fred Steinbaum, Pres. Jas P. Smith, Secretary  
J. D. Myers.

Golden, Colo., Feb. 11, 1915.

Board of Trustees of the Colorado School of Mines met in regular session. Present, James D. Smith. Absent: Messrs. Steinhauser, Willis, Bennett, and Van Riecht.

There being no quorum present, the regular session was adjourned until 2 P.M. February 12, 1915.

James D. Smith, Secretary  
 Fred C. Steinhauser, President. G. W. Wilson

Golden, Colo., Feb. 12, 1915.

Board of Trustees of the Colorado School of Mines met according to adjournment. Present: Messrs. Steinhauser, Smith, Willis, and Van Riecht. Absent: Mr. W. J. Bennett.

Mr. Haldaue attended the session. Minutes of regular meeting of January 14 and regular meeting of February 11, 1915 were read and approved.

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

List of vouchers paid at meeting held Feb. 11, 1916  
 Employers Certified to by Civil Service  
 Commission

24441	John Ahlstrom	Salary	65.00
442	W. H. Bennett	Salary	75.00
443	Thos. J. Cunningham	Services	46.45
444	D. C. Bealittle	Salary	190.00
445	Mrs. Pearl Garrison	Salary	75.00
446	B. G. Grant	Services	9.75
447	H. A. Gilt	Salary	100.00
448	Orville Harrington	Salary	50.00
449	W. J. Harris	Salary	75.00
450	E. P. Haynes	Salary	75.00
451	D. D. Kenman	Services	19.50
452	John Juck	Salary	65.00
453	D. C. Johnston	Salary	50.00
454	Nath Lewis	Salary	60.00
455	Alice Kyle	Salary	95.00
456	Erik J. Nelson	Services	21.00
457	Clarence Nichols	Salary	60.00
458	J. A. Olson	Salary	11.11
459	A. L. Rae	Salary	100.00
460	W. H. Ralph	Services	7.25
461	Arch Slingerland	Salary	65.00
462	R. G. Stapleton	Salary	75.00
463	J. C. Stephens	Salary	44.44
464	Chas. P. Swanson	Salary	65.00
465	J. W. Watkins	Salary	70.00
466	J. C. Bailar	Salary	200.00
467	C. R. Burger	Salary	233.33
468	Regis Chagnonnet	Salary	277.77
469	W. R. Chedey	Salary	177.77
470	E. J. Hittus	Salary	133.33
471	Kirpman Flick	Salary	208.33
472	W. G. Faldane	Salary	300.00
473	R. J. Hawley	Salary	188.88
474	W. J. Hayward	Salary	222.22
475	Atlas J. Gilbert	Salary	111.11
476	C. J. Johnson	Salary	144.44
477	J. R. Knowles	Salary	133.33
478	L. F. Miller	Salary	222.22
	Forward		4122.23

	Forwarded		4122.23
24479	G. A. Mulenburg	Salary	100.00.
480	W. B. Patton	Salary	208.33.
481	G. E. D. Sherwood	Salary	166.66.
482	W. M. Shorman	Salary	144.44.
#83	C. D. Test	Salary	188.88.
484	F. W. Traphagen	Salary	250.00.
485	H. J. Walz	Salary	277.77.
486	Victor Giegler	Salary	177.77.
487	E. J. Wittes	Salary	25.00.
488	F. J. Titworth	Salary	100.00.
489	J. C. Harling	Salary	150.00.
490	Recheon Graphite Co.	Supplies	8.96.
491	Wm. Amisworth & Sons	Repairs	122.50.
492	Brunswick Balpe Collieries Co.	Supplies	7.64.
493	Colorado News Co.	Subscriptions	10.00.
494	Colorado School of Mines Mag.	Mag & Ad.	25.00.
495	Continental Oil Co.	Gasoline	112.73.
496	H. M. Crawford Architects Co.	Supplies	19.40.
497	M. E. Gale Gruff Restaurant	Catering	30.75.
498	Dr. Russel Mfg. Co.	Supplies	8.50.
499	Blumar Fire Clay Co.	Supplies	84.85.
500	Blumar Cut & Arming Co.	Repairs	30.00.
501	J. Newlin Surgical Sup. Co.	Equipment	22.50.
502	Jilwall Hannon Lumber Co.	Lumber & coal	918.50.
503	Fairbanks Morse & Co.	Equipment	8.60.
504	M. L. Joss	Supplies	7.64.
505	Dexter Mineral Co.	Specimens	89.44.
506	Jules Globe	Printing	30.25.
507	City of Golden	Water	333.84.
508	Griffiths & Norblom	Plastering	24.00.
509	W. G. Haldane	Expenses	10.45.
510	D. C. Johnston	Supplies	50.45.
511	Keuffel & Esser Co.	Equipment	8.56.
512	J. H. Linder Adv. Co.	Supplies	106.50.
513	Mine & Smelter Sup. Co.	Supplies	133.01.
514	Mountain Elec. Co.	Repairs	3.35.
515	Mountain Sts. Telephone Co.	Telephone	23.92.
516	F. W. Robinson	Supplies	71.43.
517	Rocky Mountain News	Advertising	25.00.
518	School of Mines Revolving Fund	Miscellaneous	147.06.
	Gov. J. Schwartz	Equipment	18.00.
	Forward		8404.49

		Forwarded		8404.49
24519	A. G. Spaulding & Bros.	Equipment	69.30	
520	G. E. Stecheff Company	Subscriptions	212.65	
521	Transcript Hq. Co.	Printing	95.00	
522	Wards Natural Science Estab.	Specimens	97.61	
523	Jas. A. Webb & Son	Supplies	27.89	
524	Whitney Sporting Goods Co.	Equipment	185.55	
525	Chas. E. Whittle	Equipment	10.80	
526	Rand, McNally & Co.	Library books	17.50	
528	W. G. Eldridge	Express	6.75	
529	American Intef. Mt. Ry. Co.	Tickets	40.00	
530	American Furniture Co.	Furniture	22.00	

Total Vouchers General Fund \$9189.54

14 H. M. Ruby Treasurer Student Receipt Fund  
 School of Mines Reversing Fund & Reports 199

Athletic Association Cash Fund, bills allowed:

136	R. D. Road Jr.	Supplies	\$ 4.00
137	W. C. Bryan	Salary	150.00
138	W. C. Bryan	Expenses	28.49
139	Golden Steam Laundry	Laundry	5.96
140	W. J. Hanley	Services	50.00
141	A. G. Spaulding & Bros.	Supplies	39.00
142	Whitney Sporting Goods Co.	Supplies	52.77
Vouchers Athletic Assoc. Fund			\$ 330.22

Estimate of expenses was handed in by Mr. Kaldan at \$7,917.75 for month of February to be passed upon at March meeting. Placed on file.

Loans were returned since last regular meeting, as follows:

To Walter L. Hoyt Loan Fund  
 By C. E. Prior \$50.00

To Vinson Walsh Loan Fund  
 By J. M. Frankel \$25.00

Transferred to H. M. Ruby, Treasurer.

H. M. Ruby, Treasurer  
 W. J. Hanley, Secretary



Registrar reported athletic receipts since last regular meeting at \$863.85. Transferred to the Treasurer.

Receipts from students since last regular meeting were reported by the Registrar at \$8,249.15. Transferred to the Treasurer.

Receipts from miscellaneous sources month of January, 1915, were reported at \$178.92. Transferred to the Treasurer, H. M. Rubey.

The following refunds were allowed:

A. W. Studman	Geol. 54-	\$ 4.85
D. E. Hann	" "	4.85
F. J. Stampel	Chem. 155a	7.00

Mr. Kaldane was authorized to subscribe for 50 copies of the "Prospector" of the Junior class 1915.

Mr. Kaldane was authorized to advertise in special edition of the Colorado Springs Gazette at a cost of \$10.00.

Student E. O. Piddle was authorized to register from Golden.

Mr. van Alst moved that the Mountain States Telephone and Telegraph Co. be authorized to install a private exchange equipment at the school of

mines as per letter of February 10, 1915 contract to last three years and to provide for 18 telephones.

Referred to Professor Miller for investigation and report.

Students Fullaway and Beyle asked to be registered as residents of Colorado. Warning to have acquired residence while students in the school. Student Hunter asked to be permitted to register as a resident of Colorado. All three applications were rejected.

Board adjourned to meet at  
the Adams Hotel, Denver at  
2 P. M., Thursday, February 18, 1915

Board then adjourned.

Fred C. Steinhauer  
President.  
J. G. Wilson

James F. Smith  
Secretary

Golden, Colo., Feb. 19, 1915

Board of Trustees of the Colorado School  
of Mines met in accordance with  
adjournment. There being no quorum  
present, as only Messrs. Steinhauer  
and Smith responded to roll call  
the board adjourned without date.

### Campus Improvement.

Golden, Colo., Feb. 20, 1915  
Sealed bids are hereby called for to cover work  
ing on the campus of the Colorado School of Mines  
at Golden, said work to be done according to specifica-  
tions now on file at the School of Mines. To  
insure good faith a certified check for \$25 must  
accompany each bid.

The Board of Trustees reserves the right  
to reject any and all bids. Said bids will be  
opened at the regular meeting of the  
Board of Trustees of the Colorado School  
of Mines, to be held in Golden, March 11,  
1915 at 9 A.M.

(Signed) Fred C. Steinhauer,  
President.

James F. Smith  
Secretary.

Golden, Colo. March 11, 1915

Board of Trustees of the Colorado School of Mines met in regular session. Present: Messrs. Sturtevant, Smith and Willis. Absent: Messrs. ~~Walter~~ and Ray. Diet. Dr. Kaldane, president of the faculty, attended the session.

Minutes of meetings held February 12 and February 19 were read and approved.

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

List of vouchers paid at meeting held March 11, 1915.  
 Employees certified to by Civil Service Commission

24531	John Ahlstrom	Salary	65.00
532	W. A. Bennett	Salary	75.00
533	Mrs. J. Cunningham	Services	27.55
534	D. C. Doalittle	Salary	190.00
535	Mrs. Pearl Garrison	Salary	75.00
536	H. J. Guth	Salary	100.00
537	Orville Harrington	Salary	50.00
538	W. J. Harris	Salary	75.00
539	E. R. Hayes	Salary	75.00
540	D. D. Henman	Services	19.00
541	John Juck	Salary	65.00
542	D. C. Johnston	Salary	50.00
543	Nath. Lewis	Salary	60.00
544	Alice Kyle	Salary	95.00
545	Eric J. Nelson	Services	4.00
546	Clarence Nicholls	Salary	60.00
547	V. A. Olson	Salary	11.11
548	A. L. Pace	Salary	100.00
549	Walter H. Ralph	Services	16.25
550	Arch Slingerland	Salary	65.00
551	S. G. Stapleton	Salary	75.00
552	J. C. Stephens	Salary	44.44
553	Chas. P. Swanson	Salary	65.00
	Forward		1462.65

		Forwarded	
24554	J. W. Watkins	Salary	1462.65
555	W. N. Williams	Service	70.00
556	J. C. Bailar	Salary	1.75
557	C. R. Burgess	Salary	200.00
558	Regis Charpentier	Salary	233.33
559	W. R. Chebery	Salary	277.77
560	J. E. Darling	Salary	177.77
561	J. E. Wittus	Salary	150.00
562	Norman Dick	Salary	133.33
563	W. G. Haldane	Salary	208.33
564	B. F. Hawley	Salary	300.00
565	W. J. Hazard	Salary	188.88
566	Atlas J. Hebert	Salary	222.22
567	S. Johnson	Salary	111.11
568	B. B. Johnson	Salary	144.44
569	J. J. Miller	Salary	133.33
570	G. A. Meilenburg	Salary	222.22
571	W. B. Patton	Salary	100.00
572	J. E. D. Sherwood	Salary	208.33
573	L. M. Showman	Salary	166.66
574	C. D. List	Salary	144.44
575	D. S. Titworth	Salary	188.88
576	F. W. Staphagen	Salary	200.00
577	H. J. Webb	Salary	250.00
578	Victor Geiger	Salary	277.77
579	American Furniture Co.	Furniture	177.77
580	R. Broad Jr.	Supplies	7.60
581	The Bristol Company	Equipment	14.82
582	Putt & Superior Copper Co.	Equipment	49.00
583	Capital Electric Co.	Supplies	46.64
584	Colo. Sch. of Mines Magazine	Mag. & Adv.	31.72
585	Colorado Springs Gazette	Adv.	25.00
586	U.S. Naval Steam Turbine Co.	Repairs	10.00
587	Hennet Fire Clay Co.	Supplies	25.95
588	Murall Davison Pumper Co.	Lumber & coal	148.89
589	Garlock Packing Co.	Supplies	573.31
590	Golden Globe	Printing	10.72
591	W. G. Haldane	Expenses	11.05
592	Hendrie & Baltrop Mfg. Co.	Supplies	11.40
593	Koenig Mercantile Co.	Supplies	45.62
594	J. A. Guder Hardware Co.	Supplies	15.00
	Forwarded		39.35
			<u>7077.55</u>

	Forwarded	
24595		70 17.55
24595	mine & Smelter Supply Co. Supplies	171.33
596	Mountain States Telephone Co. Telephone	26.66
597	Pueblo Star Journal Advertising	15.00
598	D. B. Robinson Books & supplies	111.07
599	Col. Sch. of Mines Revolving Fund - Miscellaneous	137.48
600	A. G. Spalding & Bros. Equipment	257.60
601	G. E. Stecher Co. Books	30.40
602	Transcript Printing Co. Printing	31.50
603	Underwood Typewriter Co. Typewriter	26.75
604	E. C. van Riest Expenses	24.77
605	West Union Printing Co. Supplies	48.00
606	Western Iron Foundry Co. Casting	6.52
607	Whitney Sporting Goods Co. Equipment	19.41
608	Wilson Machine Company Supplies	7.02

Total Vouchers - General Fund \$7931.06

H. M. Rubey Treas. Student Receipt Fund.  
Bills allowed.

15 School of Mines Revolving Fund, Reports \$208.46

Athletic Association Cash Fund Bills allowed.

143	R. Broad Jr. Supplies	3.91
144	W. C. Bryan Salary	150.00
145	W. C. Bryan Expenses	8.44
146	J. C. Daphing Expenses	99.65
147	Golden Laundry Co. Laundry	3.43
148	Alice Lyle Services	6.00
149	Roger H. Matten Expenses	15.55
150	Sam Sorenson Supplies	5.00
151	A. G. Spalding & Bros. Supplies	32.30
152	Transcript Printing Co. Printing	8.00
	Total Athletic Assn. Bills	\$332.28

Registrar reported cash receipts as follows:

Receipts from students since last regular meeting were reported at \$552.60. Same turned to H. M. Rubey, Treasurer, Student Receipt Fund.

M. M. M. M.

Receipts from miscellaneous sources for the month of February 1915, amounting to \$115.27 transferred to H. M. Ruby Treasurer, State Treasurer account. Athletic receipts of \$20.00 since last regular meeting were reported transferred to the treasurer.

H. M. Ruby  
Treas

H. M. Ruby  
Treas

H. M. Ruby  
Treas

H. M. Ruby  
Treas

H. M. Ruby  
Treas

Loans were returned as follows:

To Walter L. Hoyt Loan Fund	\$25.00
By J. D. Myers	
To Natalie H. Hammond Loan Fund	\$50.00
By J. A. Rowner	
To Vernon Walsh Loan Fund	\$75.00
By J. H. Davis	

The following refunds were allowed:

A. C. Starkey	Chas. 154a	\$7.00
L. H. Dawson	154a	7.00
F. G. Quiroga	154a	7.00
J. H. Sundquist	154a	7.00
J. B. Frost	154a	7.00
R. M. Tiffany	154a	7.00

The advertisement of the Golden Globe Golden Transcript, Denver Post, Denver Times, and Rocky Mountain News, in reference to campus improvements of date March 1, 1915, originally authorized by individual members of the Board, was approved.

Matters of insurance assignment in case of John R. Davis was noted, he having paid up his loan in full.

Following communication from the Prospectors class was read and ordered placed on file.

Golden, Colo., March 2, 1915.

Honorable W. G. Haldane,  
President Colorado School of Mines,  
Golden, Colorado.

Dear Sir:-

We, the members of the pros-  
pectors' class, do hereby wish to ex-  
tend you a note of thanks, show-  
ing our appreciation of your  
efforts in making possible this  
course and to the several pro-  
fessors who have so ably assisted  
us in this work, and who have  
at all times shown their  
willingness in answering questions  
and giving us very valuable  
information and instruction.

Yours very truly,  
(Signed) Vernon C. Randolph  
Howard Evans  
L. A. Larson

Comm. of First Prospectors' Class, 1915.

Estimate of current expenses for  
March, 1915 was handed in by  
Mr. Haldane at \$9368.05 and  
placed on file.

Support order to the amount of  
\$1,844.19 was authorized as follows:  
Apparatus to the mine and  
Smelter Supply Company at  
\$1,285.99.

Chemicals to the Denver Fire  
Clay Company at \$295.40  
Porcelain to the Herold Pottery  
Company at \$263.70

Mr. E. C. van Hest appeared  
and took his seat.

The plan for campus im-  
provement submitted by Cham Nelson  
and Son of Denver, was accepted.

Bids under the advertisement of March 1, 1915, were opened as follows:

1. Edward O'Neil, Sedalia, at 30 cents per cubic yard excavation and wrecking 6 cents per square foot.

2. William Williams, Golden, 65 cents per cubic yard, wrecking 65 cents per cubic yard.

3. Edward Lindsey, Denver, excavation 29 cents per cubic yard, wrecking 29 cents per cubic yard.

4. J. A. Osner, Denver, excavation 24.5 cents per cubic yard and wrecking 40 cents per cubic yard.

Estimated totals:

O'Neil - \$900; Williams \$1,649.70; Lindsey \$736.02; and Osner \$627.70.

Bid of J. A. Osner was accepted, provided employer's liability insurance be furnished by the contractor, same to be charged against the School of Mines. Work to be completed not later than May 1, 1915, and to a finished grade according to the stakes set by the engineer, and work to begin on or before April 1, 1915.

Following was adopted by unanimous vote:

Resolved, that President Stambaugh of the Board of Trustees, President Kaldane of the faculty, and Secretary James I. Smith of the Board, are hereby appointed a special committee to examine and accept bids on the trees and shrubs required on the campus and also on the cement work required on the campus plan. J. B. Benedict of Denver to supply the plans for the cement steps.



The committee is also authorized to arrange with W. D. Champelant, or some other engineer, to take charge of the work.

Mr. Kadane submitted a list of telephones which he was authorized to have installed, with such rebate as can be secured.

Machine Shop	3.00
Power House	3.00
President's Office	3.00
Registrar's Office	3.00
Wolfe	3.00
Dr. Phaggen	3.00
Kazard	3.00
Gymnasium	3.00
F. Lick	3.00
Baird	3.00
Miller	3.00
Johnson, Herbert	3.00
Printing Plant	3.50
President's House	2.50

\$42.00

Board then adjourned.

Geo. J. Bush  
Secretary

Fred C. Steinbauer

President

W. J. Miles

Golden, Colo., April 8, 1915

Board of Trustees met in regular session. Present: Messrs. Steinbauer, Smith and Willis. Absent: Messrs. Bennett and van Hiest. President Waldman of the faculty attended the meeting.

Minutes of the meeting of March 11, 1915 were read and approved.

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

List of vouchers paid at meeting held April 8, 1915.  
 Employees certified to by Civil Service Commission

24609	John Ahlstrom	Salary	65.00
610	Royce Allen	Service	42.00
611	W. H. Bennett	Salary	75.00
612	L. H. Dawson	Service	1.12
613	D. C. Woolittle	Salary	190.00
614	B. C. Essig	Service	5.00
615	Mrs. Pearl Garrison	Salary	75.00
616	H. J. Guth	Salary	100.00
617	Orville Harrington	Salary	50.00
618	W. J. Harris	Salary	75.00
619	E. C. Haynes	Salary	75.00
620	D. D. Hinman	Service	19.75
621	John Juck	Salary	65.00
622	D. C. Johnston	Salary	50.00
623	Natt Lewis	Salary	60.00
624	Alice Lyle	Salary	95.00
625	Vik L. Nelson	Service	3.25
626	Clarence Nichols	Salary	60.00
627	V. A. Olson	Salary	11.11
628	A. L. Pace	Salary	100.00
629	W. H. Ralph	Service	10.25
630	Arch Shinglerland	Salary	65.00
631	S. J. Stapleton	Salary	75.00
632	J. C. Stephens	Salary	44.44
	Forward		1411.92

		1411.92
24633	Chas. P. Spanson	Salary 65.00.
634	J. W. Watkins	Salary 70.00.
635	J. C. Bailar	Salary 200.00.
636	C. A. Burger	Salary 233.33.
637	Regis Carpenter	Salary 277.77.
638	W. R. Chedney	Salary 177.77.
639	J. C. Darling	Salary 150.00.
640	F. J. Hittick	Salary 133.33.
641	Bertram Fleck	Salary 208.33.
642	W. V. Haldane	Salary 300.00.
643	R. S. Hawley	Salary 188.88.
644	W. J. Hazard	Salary 222.22.
645	Atlas J. Deibert	Salary 111.11.
646	C. D. Johnson	Salary 144.44.
647	R. R. Mowles	Salary 133.33.
648	L. D. Miller	Salary 222.22.
649	G. A. Mullenburg	Salary 100.00.
650	W. B. Patton	Salary 208.33.
651	J. E. D. Sherwood	Salary 166.66.
652	J. C. D. Test	Salary 188.88.
653	D. W. Drapagan	Salary 250.00.
654	H. J. Wolf	Salary 277.77.
655	Victor Geigler	Salary 177.77.
656	Babcock Wilcox Co.	Repairs 22.50.
657	Becky Multiplier Co.	Equipment 15.00.
658	Wm. Munn J. Telake	Services 200.00.
659	A. Broad Jr	Supplies 54.70.
660	W. D. Chamberlain	Services 125.00.
661	Colorado News Co.	Periodicals 5.65.
662	Colo. School of Mining Mag.	Mag. & Adv. 25.00.
663	Continental Oil Co.	Supplies 92.41.
664	The Denver Express	Adv. 6.00.
665	Denver Fire Clay Co.	Supplies 140.40.
666	Denver Novelty Mks. & Elec. Co.	Rubber Stamps 4.55.
667	Denver Post	Advertising 28.00.
668	The Denver Times	Advertising 10.97.
669	Dwight Davison Lumber Co.	Lumber & Coal 560.70.
670	Engineering Model Mks.	Equip. 90.00.
671	W. K. Foss	Supplies 15.31.
672	Gazette Pub. Co.	Library Books 7.50.
673	Mudrie & Roberts Mfg. Co.	Sup. 38.92.
Forward		7061.67

		Forwarded	
			7061.67
24	674	Jesserson Co. Treasurer	Summer assessment 108.34
	675	Opening Mercantile Co.	Supplies 18.00
	676	Library Bureau	Supplies 10.00
	677	J. H. Guider Adver. Co.	Printing + sup. 56.67
	678	L. C. McClure	Photo 16.00
	679	Mountain St. Tel. Co.	Telephone 26.48
	680	Mine + Smelter Sup. Co.	Supplies 52.77
	681	Northwest Nat. Fire Ins. Co.	Insurance 89.50
	682	Alfred Olson	Expense 5.75
	683	D. B. Robinson	Books + supplies 51.94
	684	W. D. Robinson Bkg. Co.	Half tones 18.95
	685	Rocky Mt. News	Adr. 15.17
	686	Ruggles Cales Eng. Co.	Reg. Calcs Sand driver 800.00
	687	Sally near + T. Byrleton	Supplies 24.43
	688	School of Mines Per. Fund	Misc. 123.37
	689	Scientific Materials Co.	Supplies 9.16
	690	G. E. Stecher Co.	Library books 5.40
	691	D. C. Steinhauer	Expense 20.55
	692	Ward Auction Co.	Furniture 11.25
	693	Westinghouse Elec. + Mfg. Co.	Equip. 18.11
	694	Whitney Sporting Goods Co.	Equip. 96.40
	695	D. G. Fulkler	Expense 54.15
	696	Wilson Machine Co.	Sup. 6.97
	697	D. Winkler	Supplies 5.60
	698	W. J. Adams	Expense 5.30
	699	Acheson Graphite Co.	Supplies 8.91
	700	Harison Wagon Ref. Co.	Supplies 16.33
	701	Hanovia Chem. Co.	Equipment 29.85

Total Vouchers General Fund \$8769.12

16 H. M. Puley, Treas. Student Rec. Fund  
 School of Mines Payroll Fund, bills allowed 89.87

153 Athletic Association Cash Fund, bills allowed \$150.00  
 W. C. Bryan Salary  
 154 W. C. Bryan Cash ad. 30.29  
 155 G. E. Darling Petty cash 17.50  
 156 Sam Mayer Watch jobs 100.00  
 157 A. G. Spalding + Bros. athletic sup. 97.15  
 158 Whitney Sporting Goods Co. " sup. 114.43  
 Total Athletic Vouchers \$509.37

Cash receipts were reported by the Registrar as follows:

Mr. Mubey,  
Chas. E. Prior

Receipts from students since last regular meeting were reported at \$28.25. Transferred to H. M. Puby, Treasurer - Student Receipt Fund.

Mr. Mubey,  
Chas. E. Prior

Receipts from miscellaneous sources for the month of March 1915 were reported at 156.20. Transferred to H. M. Puby, Treasurer - State Treasurer Account.

Mr. Mubey,  
Chas. E. Prior

Athletic receipts since last regular meeting were reported at 120.55. Transferred to the Treasurer.

Mr. Mubey,  
Chas. E. Prior

Loans were returned since last regular meeting as follows:

Mr. Mubey,  
Chas. E. Prior

To Walter L. Hoyt Loan Fund	\$ 50.00
By C. E. Prior	
To Vernon Walsh Loan Fund	\$ 25.00
By J. M. Frankel	

President Haldane's estimate of expenses for month of April, 1915, was handed in at \$581.28

Chas. E. Prior, having paid his cash loan in full, his insurance policy was cancelled.

The following reports were aligned:  
R. J. Purpus, Phys. 180- \$4.00

Mr. Lucien D. Blake was invited to deliver the principal address at the commencement exercises and has accepted the invitation.

Board then adjourned.

Jes. J. Sweet,

Secretary

Fred C. Steinbauer  
Pres.

J. J. Wilcox

Golden, Colo., May 7, 1915

Committee appointed at regular meeting of March 11, 1915, to manage improvements on the campus, met in special session. Present: Messrs. Steinhauer, Haldane and Smith.

Bids for cement <sup>and stone</sup> work were opened as follows:

1. D. Gillespie, Denver	\$3500.
2. J. W. Ekrem, "	3653
3. " Bedford stone "	3586
3. Frazer & Richardson "	3447
" " " Bedford	3400
" " " Cement	3200
4. C. B. Elkins, Denver.	3815
" " " Bedford	3515
" " " Cement	2965

It was decided to use Turkey creek stone in the construction of the work, the difference in cost between Turkey creek and Bedford (Indiana) being \$47 more for Colorado stone.

The Frazer and Richardson bid of \$3447, based on Turkey creek stone, was declared the lowest and the contract was ordered drawn with bond fixed at \$3000.

Committee then adjourned.

For the President

Secretary

Fred C. Steinhauer  
Pres.

J. H. Miller

Golden, Colo., May 13, 1915.

Board of Trustees of the Colorado School of Mines met in regular session. Present: Messrs. Steinhauer, Smith and Willis. Absent: Messrs. Bennett and Jan. Diet. President Kaldane of the Faculty attended the session.

Minutes of the regular meeting of April 8 and committee meeting of May 7, 1915 were read and approved.

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

List of Vouchers paid at meeting held May 13, 1915  
Employees criticized to by Civil Service Commission

24702	John Ahlstrom	Salary	65.00.
703	Royce Allen	Services	41.60.
704	W. H. Bennett	Salary	75.00.
705	D. C. Eastittle	Salary	190.00.
706	Mrs. Pegal Carrion	Salary	75.00.
707	N. J. Ruth	Salary	100.00.
708	Orville Harrington	Salary	50.00.
709	W. J. Harris	Salary	75.00.
710	E. J. Haynes	Salary	75.00.
711	D. D. Newman	Services	20.00.
712	John Juck	Salary	65.00.
713	D. C. Johnston	Salary	50.00.
714	A. L. Lee	Services	5.75.
715	Alice Lyle	Salary	95.00.
716	H. H. Minister	Salary	11.11.
717	Erk V. Nelson	Services	48.25.
718	Clarence Nichols	Salary	60.00.
719	A. L. Rae	Salary	100.00.
720	W. H. Ralph	Services	10.00.
721	Arch Shipperland	Salary	65.00.
722	J. R. Stallion	Salary	75.00.
723	J. R. Stephens	Salary	44.44.
	Forward		1396.15

forwarded

1396.1

724	Chas. P. Swanson	Salary	65.00
725	J. W. Watkins	Salary	75.00
726	J. C. Pailar	Salary	200.00
727	E. P. Burger	Salary	233.30
728	Regis Chauvenet	Salary	277.70
729	W. P. Hedsey	Salary	177.70
730	J. C. Darling	Salary	150.00
731	E. J. Wittus	Salary	133.30
732	Herman Fleck	Salary	208.30
733	W. G. Haldane	Salary	300.00
734	R. B. Hawley	Salary	158.80
735	W. J. Hazard	Salary	222.20
736	Atlas J. Hebert	Salary	111.10
737	C. S. Johnson	Salary	144.40
738	B. P. Knowles	Salary	133.30
739	L. F. Miller	Salary	222.20
740	G. A. Mullendurg	Salary	100.00
741	H. B. Patton	Salary	208.30
742	G. E. F. Sherwood	Salary	166.60
743	H. M. Shorman	Salary	144.40
744	C. D. Sut	Salary	188.80
745	F. W. Traphagen	Salary	250.00
746	H. J. Wals	Salary	277.70
747	Victor Gidgler	Salary	177.70
748	H. M. Shorman (March)	Salary	144.40
749	Am. Inst. of Min. Eng.	Adv.	7.50
750	R. Broad Jr.	Supplies	16.60
751	Colo. Sch. of Mines	Mag. Adv. and Magazines	25.00
752	Continental Oil Co.	Gasoline	94.00
753	Denver & Inter Mountain Ry. Co.	Tickets	40.00
754	Denver Fire Clay Co.	Supplies	43.00
755	Denver Mantel & Tile Co.	Tile	37.00
756	The Denver Post	Advertising	17.40
757	E. J. Wittus	Ry & Pullman fare	50.70
758	Herwall Davison	Co. Lumber & coal	321.50
759	Esmer and Amend	Supplies	14.70
760	W. G. Eldridge	Express	6.00
761	Albert Eschick, Sr.	Manure	36.00
762	Golden Globe	Printing	35.70
763	W. G. Haldane	Expense	6.70
764	Harbison Walker Refractories	Sup.	12.10
		Forward	6656.60



	Forwarded	
24765	W. J. Hazard Ry. fare + Pullman	6656.63
766	Kilbuck & Balt Mtg Mfg. Co. Supplies	50.25
767	Nesed China Pottery Co. Supplies	133.64
768	W. H. Kistler Stationery Co. Vols books + Envelopes	11.63
769	J. H. Linder Hardware Co. Plumbing & Sup.	287.58
770	Lyons & Johnson Insurance	133.25
771	Mine & Smelter Sup. Co. Supplies	93.17
772	Mountain Sts. Tel. Co. Telephone	158.54
773	G. L. Mupples Equip ment	61.46
774	H. B. Patton Ry. + Pullman fare	16.25
775	Geo. W. Forst Team hire	50.25
776	De Prospector 50 Prospectors	37.15
777	F. B. Robinson Books + Stationery	150.00
778	H. O. Robinson Supplies	49.45
779	School of Mines Res. Fund Miscellanea	5.40
780	Thos. A. Smith Repairs	161.26
781	Soren Sorenson Supplies	16.00
782	P. E. Stackey Co. Books	7.50
783	J. C. Stephens Exp. on trip	13.00
784	Draught Stg. Co. Printing	99.15
785	F. W. Trap Hagen Ry. + Pullman fare	71.25
786	Turner Moving + Storage Co. Hrayage	50.25
787	Vulcan Iron Works Co. Repairs	6.55
788	Western Iron Foundry Co. Castings	6.30
789	Whitney Sporting Goods Co. Equip.	12.00
790	F. G. Willis Exp. on trip	6.59
791	Jas. Williams Ins. Agency Co. Insurance	12.75
792	H. J. Wray Ry. + Pullman fare	93.28
793	J. A. Conet, Estimate #1, Campus Trad.	50.25

Total Vouchers. General Fund \$9593.33.

17 H. M. Ruby, Treasurer, Student Receipt Fund  
 School of Mines Revolving Fund - Refunds \$253.33

12 Walter L. Hoyt Loan Fund \$  
 P. B. Van Holah, Loan \$75.00

13 Natahi H. Hammond Loan Fund \$  
 F. E. Neatley, Loan \$75.00

Athletic Association Fund, bills  
allowed.

159	R. Broad Jr.	Towels	6.00
160	W. C. Bryan	Salaries	150.00
161	J. C. Darling	Cash advanced	9.62
162	A. E. Jones	On account of contract	100.00
163	A. E. Jones	Balance of contract	100.00
		Athletic Association vouchers	\$ 365.62

Registrar reported cash receipts as follows:

Receipts from students since last regular meeting, \$28<sup>50</sup> transferred to the Treasurer.

Receipts from miscellaneous sources for the month of April, 1915, were \$188.24 transferred to the Treasurer.

Athletic receipts were \$5<sup>00</sup> since last regular meeting transferred to the Treasurer.

Coins were returned to the Walter L. Hoyt Loan Fund as follows:

By L. S. Cain \$25<sup>00</sup>  
transferred to W. M. Rubey, Treasurer.

The following refunds to students were allowed:

Frank Follanshee		\$ 92.00
Tan Chiu	C. E. 80	2.00
J. W. Bean	Geol. 60	5.00
H. J. Salzer	" "	5.00
L. R. Van Burgh	" "	5.00

Minutes of the faculty meetings were read for the information of the Board.

Minutes of the Athletic Association were also read.

On the recommendation of the faculty the degree of Engineer of Mines was conferred upon the following members of the senior class, subject to the completion of their work:

Beall, Alpheus Benjamin, Jr.  
Beebe, Alfred Henry  
Bolam, Alfred Earl  
Brandow, Glenn Allen  
Burris, Samuel James, Jr.  
Butner, Daniel Worth  
Cadot, John Julius  
Carlson, Monroe Oliver  
Dammann, Arthur Chester  
Davis, Gilmore Sherwin  
Dodge, David C. Jr.  
Duggelby, Alfred Francis  
Essig, Benjamin Clark  
Graham, Allan H.  
Greenwood, John Harold  
Haselton, Charles Fransworth  
Heatley, Francis Eugene  
Hinman, Dale Durkee  
Kaanta, Henry W.  
McGuire, Philip Jenner  
McKnight, Hugh Stewart  
Olson, Van Cleave Arthur  
Page, Walter Chatfield  
Roberts, Keith  
Rogers, Charles Arthur  
Rosette, Breese  
Simon, William Wayne  
Stewart, Lincoln Adair  
Teets, John Nicholas  
Tsai, Hsiang  
Van Dorp, Glenn Howe  
Van Dolah, Parks Briggs  
Walter, Adolph Schinner  
White, Leonard Lee

Vote on above was as follows:  
 Ayes- Steinhauer Smith and Willis.  
 Absent: Bennett and Van Huest.

The following was passed by unanimous vote.

Whereas, an All-wise Providence has removed from the sphere of earthly activity a former member of the Board of Trustees, Franklin G. Winterman who died in New York City, May 9<sup>th</sup>, 1915, therefore

Resolved by the Board of Trustees, the faculty, and the student body of the Colorado School of Mines, that this institution has lost a valuable adviser and a sincere and helpful friend. We extend to the bereaved wife and son our sincere condolences in their unexpected and sudden bereavement. As true grandeur of character is the complement and result of service, Franklin Winterman was a distinguished citizen, a successful scientist and an honor to his state.

Minutes of the meeting of May 13, 1915, were read and approved whereupon the Board of Trustees adjourned without date.

3 W

Colorado  
School of Mines  
Golden Colo.  
WILLIAM G. HALDANE,  
ACTING PRESIDENT

May 13, 1915

At a stated meeting of the Board of Trustees of the Colorado School of Mines, held this day, the following was passed by unanimous vote:

Resolved, by the Board of Trustees, the faculty and the student body of the Colorado School of Mines, that we unite in paying tribute to the loyal and intelligent services of Frederick <sup>Wm J. Bennett and Edmond C. VanDiest as</sup> C. Steinhauer ~~as a member~~ of the Board of Trustees, ~~and as presi-~~ <sup>the first as president</sup> ~~dent~~ of said board during the past two years.

It is directed that this tribute be spread upon the records.

\_\_\_\_\_  
President Board of Trustees

*Jesse P. Smith*  
\_\_\_\_\_  
Secretary

# The New Board.

Green, Colo. May 13, 1915

The roll of the Board of  
Directors having been  
called two of the hold-  
over members James J.  
Sweet of Denver and  
Frank J. Miller of Crek-  
pe Creek accompanied  
by their wives.

Vice President Miller  
occupied the chair. Howard  
C. Perrella and Orvil R. Hel-  
aker of Denver and Harry  
W. Rueben, new members  
of the Board having been  
nominated by the Exec-  
utive Council. Carlson  
and each having filed  
his oath of office with  
the secretary of state, and  
passed and took their  
seats.

Election of officers of the board for the ensuing two years having been declared in order. Mr. Parmelee was nominated vice president. Willie's for president.

Vote was unanimous and President Willie remained in the chair.

For vice president Orvil R. Herrington received the unanimous vote of the board and was duly elected.

For secretary Captain James P. Smith received the unanimous vote of the board of trustees and was declared elected.

For treasurer Harry M. Rubey was the unanimous choice of the board and was declared duly elected.

The form of the treasurer's bond was passed over to the

next regular meeting  
of the board  
on motion of Mr. H. H. Ta-  
lor the stenographer Miss  
Lyle was requested  
to attend the meeting  
of the board and to  
take down such pro-  
ceedings as the pres-  
ident might direct &  
estimate of expenditures  
for the month of May, 1915,  
was handed in by Presi-  
dent H. H. Tafore of \$9,600.65  
and placed on file.

order of business followed  
by the old board was  
agreed and adopted.

Following was proposed by  
unanimous vote:

Resolved, by the Board of Trustees, the faculty  
and the student body of the Colorado School of Mines, that  
we unite in paying tribute to the loyal and intelligent  
services of Frederick C. Steinhauer, Wm. J. Bennett, and  
Edmond C. van Diest as members of the Board of Trustees,  
the first as president of said board during the past two  
years.

It is directed that this tribute be spread upon  
the records.



John F. Myers having paid  
in full from the student loan  
fund his maintenance and  
order released.

President Haldane was au-  
thorized to purchase from  
Dr. H. B. Pedron wood men-  
sual cases of a cost of  
\$102.00.

The school was invited to  
send a delegation to the second  
Pan American Scientific  
Congress. Read and placed  
on file.

The request of certain members of  
the senior class to proceed  
from Salt Lake City to Salt  
Lake City accompanied by  
Dr. Taefhagen <sup>be granted</sup> provided they  
return to Jordan with the class  
with the exception of such mem-  
bers as were found employ-  
ment in Northville. I voted  
for this that the action of the  
board shall not be deemed  
a precedent.

Rate was as follows:  
 types. Perwalle and  
 Gweek.

Keys - Miller's, Whelan  
 Ker and Ruben's

An expenditure of \$360

was authorized for the  
 improvement of the  
 library's covers. This  
 cost is approximate. The  
 rate was as follows.

Commencement expenses  
 to the extent of \$259 were  
 authorized.

~~Dr. Lucien B. Blake~~  
 request of Dr. Lucien B. Blake  
 to deliver a ~~series of~~  
 series of lectures at  
 the school during the  
 first semester of the com-  
 ing school year was  
 added over until next  
 regular meeting.

M. Permelee moved that the board establish a number of free scholarships at the accredited high schools of the state and that President Willard ask the faculty to report a course for the same.

Captain Smith offered the following, which was deferred to the June meeting of the board:

Resolved That the faculty of the Colorado School of Mines is hereby requested to report at the June meeting of the Board of Trustees a system of extension work at the several coal mining camps in Colorado to lead up to, and culminate in, the special course now established at said school for under-ground bosses and other secondary men at the coal mines.

Said extension course to be managed by an assistant professor of mining. Also, the probable cost of the same to the school, and the fees, if any, that should be exacted from students who take advantage of the same.

Board then adjourned at 12:30 p.m. for one hour.

Board of Trustees reviewed  
 the session of 1:30 p. m.  
 following was passed  
 by unanimous vote:

Resolved that Messrs.  
 Permelee and Wheeler  
 be named as a committee  
 to report on candidates

Candidates for proposed  
 York College School  
 Meeting of the June meet-  
 ing of the Board of Trustees.

Board then adjourned.

Jos. T. Smith  
 Secretary