

## Proceedings of the Sixty-sixth Annual Meeting of the Mineralogical Society of America in Orlando, Florida

HENRY O. A. MEYER, SECRETARY

The sixty-sixth annual meeting of the Society was held from October 28 to 31, 1985, in Orlando, Florida. The abstracts were organized into nine technical sessions: four in igneous petrology, two in metamorphic petrology, and one each in mineralogy, experimental petrology, and volcanology. In addition, the Society sponsored five poster sessions (igneous petrology, mineralogy, experimental petrology, metamorphic petrology, and volcanology), and one symposium—"Quantitative Petrology: Theory, Experiment, and Field, A Symposium in Honor of David R. Wones." Prior to the annual meeting, a short course entitled "Mathematical Crystallography" was organized and executed by M. B. Boisen, Jr., and G. V. Gibbs. All the sessions were integrated into the overall program of the Geological Society of America under the guidance of the Joint Technical Program Committee (M. E. Cameron, MSA Representative).

The retiring president, Hans P. Eugster, presented an address to the Society entitled "Minerals in Hot Water" on Tuesday, October 29th. Subsequently, President Eugster called the annual business meeting of the Society to order and made introductory remarks. The Secretary, Treasurer, Editor of *The American Mineralogist*, and Editor of *Reviews in Mineralogy* reported to the membership on Society affairs.

### 1985 COUNCIL ACTIONS

The second meeting of the 1985 Council was held in Baltimore, Maryland, on May 26, 1985, and the third meeting on October 27, 1985, in Orlando, Florida. Actions taken include:

#### Awards

The Roebling Medal for 1986 will be awarded to Edwin Roedder, U.S. Geological Survey, Reston, Virginia.

The Mineralogical Society of America Award for 1986 will be presented to Antonio C. Lasaga of Yale University, New Haven, Connecticut.

Twenty *American Mineralogist* Undergraduate Awards were issued in 1985.

#### Research grant

The Klaus Crystallography research grant for 1986 was awarded to William J. Dytrych of the University of Chicago for his proposed study of the influence of framework ordering on cation location in zeolite A using anomalous dispersion of synchrotron radiation.

#### Nomination for officers for 1987

<i>President:</i>	Paul H. Ribbe, Virginia Polytechnic Institute and State University
<i>Vice-President:</i> (one to be selected)	David B. Stewart, U.S. Geological Survey Peter R. Buseck, Arizona State University (Not on 1987 ballot)
<i>Secretary:</i>	Gordon L. Nord, Jr., U.S. Geological Survey
<i>Treasurer:</i> (1987–1988)	Larry W. Finger, Geophysical Laboratory
<i>Councillors:</i> (1987–1989, two to be selected)	Michael J. Holdaway, Southern Methodist University Douglas Rumble III, National Science Foundation Richard A. Yund, Brown University

#### Fellowship

Council elected the following 11 members to Fellowship (Iris Y. Borg, Chair, Committee on Fellows):

S. Bohlen	R. D. Shannon
R. T. Helz	V. Tromsdorff
B. C. Hemingway	J. Tullis
O. B. James	D. Peck
A. C. Lasaga	M. T. Halbouty
M. Obata	

#### Financial affairs

As usual, financial matters of the Society occupied a major part of the Council's time. Particularly important were projections of the future financial stability of the Society in view of the pending break with AGU and the formation of a separate business office for the Society. However, the Treasurer, Gordon L. Nord, Jr., has done an excellent job and the Society is in sound financial shape. Details are to be found in the Report of the Treasurer.

Also to be congratulated are the members of the Financial Advisory Committee (H. Catherine W. Skinner, Chair) who have worked ceaselessly to place the Society's portfolio in a more secure financial position.

#### Management

The Executive Secretary, Barbara B. Minich, has been authorized by Council to establish a separate Business

Office in which to conduct the business affairs of the Society. The break with AGU was handled amicably owing to the excellent organization by the Management Committee (J. F. Hays, Chair) and the good offices of F. Spilhaus and P. M. Bell of AGU.

Gant Redmon, Attorney, of Alexandria, Virginia, and Washington, D.C., was appointed legal advisor to the Society.

### *The American Mineralogist*

Michael J. Holdaway, Editor, and Linda Dungan, Managing Editor, both retired. Council congratulated and thanked them for the excellent and unstinting service they had done on behalf of the Society. James L. Munoz and Mary C. Eberle were appointed Editor and Managing Editor, respectively.

HENRY O. A. MEYER  
*Secretary*

### 1986 COUNCIL ACTIONS

The first meeting of the 1986 Council was held on October 29, 1985, in Orlando, Florida.

The Council discussed several topics including the new MSA Business Office, the future of the Society, and the IMA meeting to be held at Stanford in July, 1986.

Council approved budgets for the Society and *Mineralogical Abstracts*. The Treasurer commented on the impact of the formation of the new Business Office to the Society's finances. Although a deficit in the General Operating Fund of \$62,000 is projected, it is likely this will be reduced as more firm figures emerge during the year. The operating fund balance may show a reduction from \$135,000 to \$73,000.

The Council expressed the hope that as many members of the Society as possible will attend the meeting of International Mineral Association to be held at Stanford, California, in July. The Society and the U.S. Geological Survey are sponsoring the meeting, and the various organizing committees all consist of MSA members.

James L. Munoz, Editor, and Mary C. Eberle, Managing Editor, of *The American Mineralogist* were appointed for 1986 as well as Paul H. Ribbe, Editor—*Reviews in Mineralogy*. Barbara B. Minich was reappointed Executive Secretary.

### Committees

The report of the Committee on Committees (Barton, Chair) was approved with modifications. The President, Paul Barton, Jr., appointed a Development Committee (Skinner, Chair) and an Outlook Committee (Ribbe, Chair; Klein, Assoc. Chair). Both these Committees are charged with considering the future of the Society and how the Society can improve, increase membership and endowment, and also be responsive to the needs and require-

ments of the membership. Any member who has views on these and other matters is requested to contact the Chairman or the Secretary of the Society.

HENRY O. A. MEYER  
*Secretary*

### REPORT OF THE SECRETARY FOR 1985

#### Results of the election

The 1985 voting, held in the summer of 1984, resulted in the following elections:

<i>President:</i>	P. B. Barton, Jr. (1986)
<i>Vice-President:</i>	P. H. Ribbe (1986)
<i>Secretary:</i>	H.O.A. Meyer (1986–1987)
<i>Councillors:</i>	J. S. Huebner (1986–1988)
	R. C. Newton (1986–1988)

The ballots (1028) and the count were certified on August 15, 1985, by the Tellers, J. R. Weidner and C. A. Lawson.

As can be seen below, the Society has approximately 2800 members, all eligible to vote. Please exercise your franchise in future elections.

#### Membership statistics

As of December 1985, there were 2762 members distributed as follows: Members 1679 (–75); Student Members 497 (–122); Fellows 579 (+15); Honorary Fellows 7 (0). Numbers in parentheses indicate changes from December 1984.

#### Necrology

The deaths of the following Members and Fellows have been reported:

George T. Faust, President 1965  
Francis J. Turner, President 1969,  
Roebbling Medalist 1985  
Paul Ramdohr, Roebbling Medalist 1961  
W. D. Christianson  
S.R.B. Cooke  
A. C. Freeze  
F. Galbraith  
P. Gay  
D. H. McLaughlin  
H.W.V. Willems

The Secretary would appreciate notification of the passing of any members, and also if any person wishes to contribute a memorial to a deceased member.

#### Other

The establishment of a dedicated business office with full-time staff under the able supervision of Barbara B. Minich, Executive Secretary, is a major and unique un-

dertaking for the Society. Council believes the best interests of the membership and the Society in general are served by such an office, and it is hoped members will take advantage of visits to Washington, D.C., to meet the staff. Support and comments by members are welcome and indeed are encouraged.

HENRY O. A. MEYER

**REPORT OF THE TREASURER FOR 1985**

This report summarizes the financial activity of the Mineralogical Society of America for the calendar year 1985. The financial statements have been audited by Laventhol & Horwath of Washington, D.C., and a copy of the audit report is on file at the Society's business office. The financial statements given herein are taken from the audit report. The statements consists of a balance sheet (Table 1), a summary statement of income and expense for 1985 compared to 1984 (Table 2), a statement of 1985 income and expense for the Society's Funds (Table 3), and a statement of income and expense for the various subactivities of the General Operating Fund (Table 4).

The balance sheet (Table 1) shows that the net worth of the Society increased to \$733 304 in 1985, an increase of 22.5% over the net worth at the end of 1984. This increase is entirely because of a strong stock market from which the Society realized large capital gains in the Endowment Fund Portfolio. Operations suffered a loss in 1985 of \$21 871 (in comparison to a gain of \$35 957 in 1984), whereas total investments gained \$222 506 in 1985 (in comparison to a gain of \$11 561 in 1984).

Table 1. Balance sheet as of December 31, 1984, and December 31, 1985

	1985	1984
<b>ASSETS</b>		
Checking and Money-Market Accounts	\$ 275757	\$ 333380
1st American Checking & MM		
Liberty Cash Management MM		
IMA86 Checking & MM		
Amer. Mineral. Checking		
Investments at Cost	629723	408575
Endowment Portfolio & Mutual Funds		
Cryst & Min-Pet Mutual Funds & T-Notes		
Accounts Receivable	30388	39970
Prepaid expenses and deposits	3799	1099
Furniture and equipment (net of accumulated depreciation)	33245	--
	\$ 972912	\$ 783024
<b>LIABILITIES</b>		
Accounts Payable	\$ 60954	\$ 43420
Min. Abs. & Jour. Pet. Subs.	16484	15842
Prepaid Dues	48039	40492
Prepaid Subscriptions	114131	114894
	\$ 239608	\$ 214648
<b>FUND BALANCES</b>		
General Operating Fund	\$ 123325	\$ 145196
Endowment Fund (at Cost)	536168	358039
Crystallography Fund	34887	30836
Mineralogy-Petrology Fund	38924	34305
NET WORTH	\$ 733304	\$ 568376
	\$ 972912	\$ 783024

Table 2. Summary statement of 1984 and 1985 income and expenses

	1984	1985
<b>INCOME</b>		
American Mineralogist		
Subscriptions & Back Issues	\$ 141643	\$ 154806
Page Charges & Author Alter.	38439	38532
Reprints & Miscellaneous	4933	7441
Subtotal	185015	200779
Reviews in Mineralogy		
Subscriptions	12112	11384
Sales & Miscellaneous	90412	73818
Subtotal	102524	85202
Dues		
Regular, Student & Prior Years	75578	74535
New Life	200	875
Subtotal	75778	75410
Investments		
Money-Market Fund Interest	21995	29405
Investment Portfolio Mgmt. Fees	(9400)	(9320)
Portfolio Dividends/Interest	7295	14933
Portfolio Cap. Gains (Losses)	(8329)	187488
Subtotal	11561	222506
Short Courses	11875	19853
Contributions to Invested Funds	3845	4802
IMA86 Income	5010	190
Miscellaneous Operations	5727	838
TOTAL	\$ 401335	\$ 609580
<b>EXPENSES</b>		
American Mineralogist		
Editorial Office & Editors	\$ 31714	\$ 48227
Compos., Printing, Postage	114518	131302
Back Issue Handling, Storage	7176	4574
Reprints	7039	6381
AGU Services	25290	25765
Subtotal	185737	216249
Reviews in Mineralogy		
Editorial Office	5633	5451
Compos., Printing, Postage	28104	30846
Storage & Handling	11257	4770
AGU Services	11312	16287
Subtotal	56306	57354
Administration		
AGU Services & New Office Salaries	55530	61512
Travel, Officer Expense, Typist	6105	4418
Services, Supplies, Office Expenses	4772	4125
Compos., Printing, Postage, Handling	2927	6561
Liability Insurance	2831	2758
Professional Services	5650	5495
Miscellaneous	807	1523
Subtotal	78622	86392
Special Activities		
Dues to IMA, AGI	3589	4000
Roebbling Medal, Newsletters, AMU	13104	23126
AGU Services	2204	11103
Subtotal	18897	38229
Depreciation and Bad Debt Expense		15784
Short Courses	9639	19742
IMA86	3092	9402
Research Grants	1500	1500
TOTAL	\$ 353793	\$ 444652
EXCESS OF INCOME OVER EXPENSE	\$ 47542	\$ 164928

The Society has four Funds (detailed income and expenses are in Table 3). The General Operating Fund accounts for all aspects of the Society's operations and consists of six subactivities (Table 4): (1) Administration, (2) Special Activities, (3) *The American Mineralogist*, (4) Reviews in Mineralogy, (5) Short Courses, and (6) the International Mineralogical Society meeting at Stanford, California, in 1986. The Crystallography Fund and the Mineralogy-Petrology Fund provide biennial research grants awarded to promising young scientists. The Endowment Fund acts as a reserve for the Society and its income provides some support for Society operations and special projects. The 1985 financial year-end status of each of these four funds is outlined below.

The General Operating Fund (Table 4) lost \$21 871 in 1985. This is not nearly as bad as it seems because the MSA Council had passed a budget for 1985 that included a \$24 000 operating loss. This large loss is accommodated

Table 3. Statement of 1985 income and expenses for the Funds of the Mineralogical Society of America

	General Operating Fund	Endowment Fund	Crystal- lography Fund	Mineralogy- Petrology Fund	Total
<b>INCOME</b>					
<b>Operations</b>					
Dues (Prior Years)	\$ 360	--	--	--	\$ 360
Dues (Regular & Student)	74175	--	--	--	74175
Dues (New Life Members)	875	--	--	--	875
Subscriptions	163018	--	--	--	163018
Back Issues	3172	--	--	--	3172
Page Charges	38252	--	--	--	38252
Reprints & Author Alt.	7480	--	--	--	7480
Sales, Reviews in Mineralogy	72275	--	--	--	72275
Short Course Registration	19531	--	--	--	19531
Contributions	--	\$ 1508	\$ 689	\$ 2605	4802
Miscellaneous	3134	--	--	--	3134
Subtotal, Operations	<u>382272</u>	<u>1508</u>	<u>689</u>	<u>2605</u>	<u>387074</u>
<b>Investments</b>					
Interest	22509	--	3372	3524	29405
Transfer from Endow. to GOF	16500	(16500)	--	--	--
Portfolio Div./Int.	--	14933	--	--	14933
Portfolio Cap. Gains (Losses)	--	187488	--	--	187488
Subtotal, Investments	<u>39009</u>	<u>185921</u>	<u>3372</u>	<u>3524</u>	<u>231826</u>
<b>TOTAL</b>	<b>\$ 421281</b>	<b>\$ 187429</b>	<b>\$ 4061</b>	<b>\$ 6129</b>	<b>\$ 618900</b>
<b>EXPENSES</b>					
Salaries	37470	--	--	--	37470
Honoraria	9200	--	--	--	9200
Office Expenses	17046	--	--	--	17046
Comp., Printing, Mailing	154331	--	--	--	154331
Postage, Freight	32878	--	--	--	32878
Reprints	6381	--	--	--	6381
Travel & Officer Exp.	10284	--	--	--	10284
Facilities and Food	15663	--	--	--	15663
Services & Supplies	6083	--	--	--	6083
Awards	3254	--	--	--	3254
Storage & Handling	9344	--	--	--	9344
Grants; Dues to IMA, AGI	4000	--	--	\$ 1500	5500
Liability Insurance	2758	--	--	--	2758
Professional Services (Audit)	6266	--	--	--	6266
Telecommunications	1419	--	--	--	1419
Miscellaneous	5477	\$ 365	10	10	5862
Field Trip Expenses	1918	--	--	--	1918
Bad Debt Expense	14873	--	--	--	14873
Depreciation	911	--	--	--	911
Investment Management Fees	--	8935	--	--	8935
AGU Services	103596	--	--	--	103596
<b>TOTAL</b>	<b>\$ 443152</b>	<b>\$ 9300</b>	<b>\$ 10</b>	<b>\$ 1510</b>	<b>\$ 453972</b>
<b>NET INCREASE (DECREASE)</b>	<b>\$ (21871)</b>	<b>\$ 178129</b>	<b>\$ 4051</b>	<b>\$ 4619</b>	<b>\$ 164928</b>
<b>OPENING FUND BALANCE</b>	<b>\$ 145196</b>	<b>\$ 358039<sup>1</sup></b>	<b>\$ 30836</b>	<b>\$ 34305</b>	<b>\$ 568376</b>
<b>CLOSING FUND BALANCE</b>	<b>\$ 123325</b>	<b>\$ 536168<sup>1</sup></b>	<b>\$ 34887</b>	<b>\$ 38924</b>	<b>\$ 733304</b>

<sup>1</sup>Value of Endowment Fund investments given at cost rather than market value

by a surplus of \$145 196 that was in the General Operating Fund at the beginning of 1985. The Council in its wisdom saw fit to reduce the surplus rather than raise dues or other prices. It is the intent of Council to reduce this surplus to \$50 000 before considering dues and price increases. The operating loss is in fact less than the \$21 871 because much of the one-time expense of the transition to a new business office was incurred in 1985 instead of the year for which it was budgeted, 1986. In addition, \$14 873 was written off as uncollectible debts; this was not a foreseen or budgeted expense. The Society Administration expenses rose by 9.9% in 1985 and make up 20% of the General Operating Fund budget. The Management Committee, Treasurer, and Executive Secretary will be examining these costs closely in the future as our new business office becomes fully operational. Special Activities expenses increased by 102% in 1985. This subactivity consists of member-oriented services which include writing, printing, and mailing the "Lattice," renewal notices, and the new MSA Poster as well as promoting the Society and its books at meetings, funding the Roebing Metal and other awards,

and paying our dues to other societies. The large increase is solely because of the expense of the "Lattice," a new attempt at communication in the Society and well worth the cost. *The American Mineralogist* expenses increased 16.4% in 1985, and the journal lost \$9392, about 3.4% of the cost of publishing. Member and student dues as well as subscription income are set each spring to cover the cost of the journal. The fact that income and expenses are very close confirms the suspicion that MSA can produce a quality journal and keep costs low. *The American Mineralogist* is a bargain for members and even libraries. Ask your librarian the average cost of scientific journals. Expenses for Reviews in Mineralogy rose only 2% in 1985, and strong sales produced a surplus of \$11 958. The review volumes are popular, and the increased efficiency of the business office in getting the volumes out has increased sales. The Short Courses earned \$111 more than their expenses. This is unfortunate because they are meant to break even; however, they did come within 0.6% of the goal. IMA86 is totally nested in the General Operating Fund because MSA is sponsoring the meeting and is ob-

Table 4. Statement of 1985 income and expenses for the subactivities of the General Operating Fund

	Adminis- tration	Special Activities	American Mineralogist	Reviews in Mineralogy	Short Course	IMA86	Total
<b>INCOME</b>							
<b>Operations</b>							
Dues (Prior Years)	--	\$ 360	--	--	--	--	\$ 360
Dues (Regular & Student)	--	45547	\$ 28628	--	--	--	74175
Dues (New Life Members)	--	875	--	--	--	--	875
Subscriptions	--	--	151634	\$ 11384	--	--	163018
Back Issues	--	--	3172	--	--	--	3172
Page Charges	--	--	38252	--	--	--	38252
Reprints & Author Alt.	--	--	7480	--	--	--	7480
Sales, Reviews in Mineralogy	--	--	--	72275	--	--	72275
Short Course Registration	--	--	--	--	\$ 19341	\$ 190	19531
Miscellaneous	--	838	241	1543	512	--	3134
Subtotal, Operations	--	47620	229407	85202	19853	190	382272
<b>Investments</b>							
Money-Market Interest	--	--	22061	--	--	448	22509
Transfer from Endowment	--	1200	15300	--	--	--	16500
Subtotal, Investments	--	1200	37361	--	--	448	39009
<b>TOTAL</b>	--	\$ 48820	\$ 266768	\$ 85202	\$ 19853	\$ 638	\$ 421281
<b>EXPENSES</b>							
Salaries	\$ 11071	--	\$ 26399	--	--	--	\$ 37470
Honoraria	--	--	5000	\$ 2000	\$ 2200	--	9200
Office Expenses	2233	--	11973	1000	--	\$ 1840	17046
Comp., Printing, Mailing	4769	\$ 10718	118321	18578	--	1945	154331
Postage, Freight	1792	4611	12981	12268	--	1226	32878
Reprints	--	--	6381	--	--	--	6381
Travel & Officer Exp.	4418	2727	1257	201	1187	494	10284
Facilities and Food	--	--	--	--	15213	450	15663
Services & Supplies	1892	1482	--	2212	--	497	6083
Awards	--	3248	6	--	--	--	3254
Storage	--	--	2904	4770	--	--	7674
Handling	--	--	1670	--	--	--	1670
Dues, Contrib. to IMA, AGI	--	4000	--	--	--	--	4000
Liability Insurance	2758	--	--	--	--	--	2758
Professional Services (Audit)	5495	--	--	--	--	771	6266
Telecommunications	--	--	1170	--	--	249	1419
Miscellaneous	1523	340	2422	38	1142	12	5477
Field Trip Expenses	--	--	--	--	--	1918	1918
AGU Services	50441	11103	25765	16287	--	--	103596
Subtotal, Direct Costs	85392	38229	216249	57354	19742	9402	427368
Alloc. Admin. Expense <sup>1</sup>	(86392)	10591	59911	15890	--	--	--
<b>TOTAL</b>	0	\$ 48820	\$ 276160	\$ 73244	\$ 19742	\$ 9402	\$ 427368
<b>NET INCREASE (DECREASE)</b>		\$ 875	\$ (9392)	\$ 11958	\$ 111	\$(8764)	\$(6087)
Bad Debt Expense							(14873)
Depreciation Expense							(911)
<b>TOTAL INCREASE (DECREASE) FOR GOF</b>							(21871)
<b>OPENING FUND BALANCE</b>							\$ 145196
<b>CLOSING FUND BALANCE</b>							\$ 123325

<sup>1</sup>Allocated in proportion to direct costs as indirect costs (overhead)

ligated to cover any deficit. For this reason the accounting for the IMA meeting as well as the responsibility rests with MSA. The total IMA86 budget is in excess of \$200 000, and only a small portion of that has been spent in 1985 and 1984.

The two research-grant Funds—the Crystallography Fund and the Mineralogy-Petrology Fund—were invested in money market accounts and U.S. Treasury Notes. At the end of the year the money market accounts were moved into Fidelity Equity-Income Mutual Funds. Donations to the Funds totaled \$689 to Crystallography and \$2605 to Mineralogy-Petrology. The Crystallography Fund increased in value 13% to \$34 887. The Mineralogy-Petrology Fund increased in value 13.5% to \$38 924 after paying out a grant of \$1500.

The assets of the Endowment Fund are invested in a portfolio managed by Wm. Campbell and Co. During November of 1985 the Society ordered that the stocks be sold. This resulted in a large capital gain for the Society of \$187 488. The proceeds from the sale have been moved and divided equally between the Fidelity Magellan Fund and the Reich and Tang Equity Fund. The Endowment

also has \$80 473 in T-bills. The sale of stocks came at a time when the market was rising rapidly, and the cost and market value of the Endowment benefited greatly. The cost value of the Endowment Fund is \$536 168, a 50% increase over the value of \$358 039 at the end of 1984. The market value of the Endowment Fund is \$548 001, a 12.9% increase over the market value of \$485 203 at the end of 1984. Donations to the Fund totaled \$1508.

At the end of 1985 the Mineralogical Society of America is in sound financial health as it embarks on an independent course with a new business office. Dues for 1986 remain unchanged while subscription prices increased only 4.5% as the success of the Reviews volumes continues to underwrite other Society activities. Expenses have been held to small increases while the portion of the operation budget devoted to administration has decreased from 22% in 1984 to 20% in 1985. The foundation of the Society, the Endowment Fund, is stronger than ever and will provide steady support for future efforts to advance Crystallography, Mineralogy, and Petrology.

**REPORT OF THE FINANCIAL ADVISORY  
COMMITTEE FOR 1985**

During 1985 the Society's Endowment Fund, the Mineralogy-Petrology Fund, and the Crystallography Fund were removed from investment manager William Campbell and Co. and the Chemical Bank. Shares in mutual funds managed by Fidelity Investments and Reich and Tang were purchased.

The change, initiated after lengthy deliberations with Council, is a response to the changing needs of our growing Society. Mutual funds offer increased stability and ease of monitoring the status of these monies.

The Financial Advisory Committee interviewed six money-management firms before choosing Fidelity, with its family of funds, and the Reich and Tang Equity Fund. In our judgment they offered the best track records for optimizing growth of our limited resources with minimum

risk. The progress of our investments, easily estimated on a daily basis, will continue to be evaluated quarterly and reported annually.

The value of the MSA Funds on 12/31/85 was as follows:

Crystallography Fund	\$34 887.00
Mineralogy-Petrology Fund	\$38 924.00
Endowment Fund	\$536 168.00

Respectively submitted,

H. C. W. SKINNER, Chair  
K. M. TOWE  
J. F. HAYES  
G. L. NORD, JR.  
C. W. BURNHAM

Table 1. Endowment Fund income and expenses, 1985

Dividends: Stocks		Dividends: Stocks (continued)	
Amer Gen'l	\$ 600.00	Sec. Pac.	134.00
Analog	10.60	Standard Oil	350.00
Armstrong	325.00	TxOG	34.65
Bankers Trust	607.50	U.A.L.	200.00
Bell South	280.00	USFG	385.00
Boeing	364.50	Walmart	63.00
Bristol Myers	362.00	Wang	16.00
Burlington Nth.	260.00	Total dividends	\$ 8 177.00
Cap City	10.00		
Cessna	70.00	Interest	
Citicorp	734.50	U.S. Treasury Bills	
Citizen & Sthn.	395.00	due '90	\$ 4 300.00
Cummins	275.00	due '95	569.00
Dallas	60.00	Reich & Tang	908.00
E.G.G.	192.00	Chemical Bank MM	979.00
First Chicago	462.00	Total interest	\$ 6 756.00
Gen'l Dynamics	100.00	Contributions	
Gen'l Motors	90.00	Total contributions	1 508.00
Gt. Lakes	128.00	Endowment Fund custodial expenses	
H.B.O.	12.00	Campbell	\$ 6 578.00
Hewlett Pack	22.00	Chemical Bank	2 357.00
Hosp. Corp.	172.50	Tax letter	340.00
IBM	220.00	Misc. bank charges	25.00
Lockheed	180.00	Total expenses	\$ 9 300.00
M/A Corp.	27.50	Transfer to	
Norfolk Sthn.	510.00	General Operating Fund	\$ 16 500.00
Philips	216.00	Value as of 12/31/85	\$536 168.00
Protective Life	128.00		
Sanders	56.00		
Scott Paper	124.00		

Table 2. Endowment Fund portfolio: Capital gains and losses, 1985

Value as of 12/31/84			
\$348 039.00			
Stock	Cost	Proceeds	Gain (loss)
AMR	\$ 19 282.35	\$ 16 713.46	\$ (2 568.89)
Amer. Gen'l	25 760.00	26 402.86	642.86
Apple	2 875.00	5 745.00	2 870.00
Apollo	17 639.81	12 634.05	(5 005.76)
Analog	6 168.75	14 151.39	7 982.64
Armstrong	16 612.50	21 101.78	4 489.28
Avantek	2 429.00	8 150.00	5 721.00
Bankers Trust	16 881.67	20 327.31	3 445.64
Bell Southern	15 810.00	17 819.40	2 009.40
Bristol Myers	6 406.51	12 991.35	6 584.84
Boeing Corp.	18 979.00	21 546.16	2 567.16
Burlington Nrthn.	2 953.00	13 774.53	10 821.53
Capital City	3 807.50	20 795.45	16 987.95
Cessna	15 847.65	21 000.00	5 152.35
Citicorp	21 451.50	22 868.24	1 416.74
Citiz & South.	9 766.53	9 343.75	(422.78)
Comp. Vision	1 894.67	7 346.59	5 451.92
Corvus	9 565.81	2 385.00	(7 180.81)
Cray Research	3 037.77	26 273.31	23 235.54
Cullinet	4 183.50	14 455.49	10 271.99
Cummins	23 734.20	19 368.84	(4 365.36)
Dallas	7 860.00	7 119.76	(740.24)
Data Gen'l	18 581.00	11 699.60	(6 881.40)
Dionex	5 791.25	6 875.00	1 083.75
E.G.G.	5 568.50	15 129.90	9 561.40
Fed. Express	4 132.06	13 407.55	9 275.49
Fed. Group	4 238.00	5 975.00	1 737.00
First Chicago	14 805.00	15 720.79	915.79
Gen'l Dynamics	29 318.00	28 077.34	(1 240.66)
Gen'l Motors	19 263.71	24 521.17	5 257.46
Gt. Lakes Chem	9 816.00	14 643.50	4 827.50
H.B.O.	6 944.32	5 025.00	(1 919.32)
Hewlet Pack.	8 542.00	13 461.54	4 919.54
Hogan	9 900.00	5 200.00	(4 700.00)
Home Depot	12 549.00	10 355.65	(2 193.35)
Hosp. Corp.	1 828.64	9 791.67	7 963.03
IBM	11 769.02	11 974.59	205.57
Intercom	13 427.51	9 375.00	(4 052.51)
Intergraph	4 550.00	21 968.00	17 418.00
K.L.A.	9 530.22	13 950.00	4 419.78
L.S.I.	7 972.27	4 575.00	(3 397.27)
Lockheed	14 704.50	14 252.52	(451.98)
M/A	12 059.00	10 117.16	(1 941.84)
MCI	14 337.50	13 824.00	(513.50)
Network	5 193.89	14 452.50	9 258.61

Table 2. (continued)

Norfolk Sthn.	13 321.00	15 316.77	1 995.77
Philips	4 902.00	8 894.62	3 992.62
Policy Mgt.	4 600.00	10 750.00	6 150.00
Price	7 800.00	24 975.00	17 175.00
Protect Corp.	6 950.00	7 350.00	400.00
Rohr Ind.	19 019.69	23 043.01	4 023.32
Sanders	10 976.00	7 869.42	(3 106.58)
Scott Paper	16 768.00	17 877.39	1 109.39
Security Pac	11 258.00	11 863.80	605.80
Standard Oil	26 473.85	25 797.65	(676.20)
Teradyne	5 370.49	13 544.54	8 174.05
TxOG	12 243.40	14 075.11	1 831.71
UAL Inc.	22 030.00	18 609.37	(3 420.63)
Ungerman	11 601.67	10 125.00	(1 476.67)
U.S.F.G.	23 215.50	25 929.06	2 713.56
Walmart	2 191.52	11 269.96	(9 078.44)
Totals	\$696 489.23	\$883 976.90	\$187 487.67

Table 3. Crystallography Fund

Value 12/31/84	\$30 836.00
Income 1985	
Interest:	
Government securities	1 300.00
Liberty Cash Management	2 072.00
Contributions	689.00
Expenses	(10.00)
Value as of 12/31/85	\$34 887.00

Table 4. Mineralogy-Petrology Fund

Value as of 12/31/84	\$34 305.00
Income 1985	
Interest:	
Government securities	1 300.00
Liberty Cash Management	2 224.00
Contributions	2 605.00
Expenses	(1 510.00)
Value as of 12/31/85	\$38 924.00

**REPORT OF THE EDITOR FOR 1985  
(OCTOBER 1, 1984–SEPTEMBER 30, 1985)**

During the year ending September 30, 1985, 212 manuscripts were submitted to the journal. Recent years have been: 193 in 1980–1981, 217 in 1981–1982, 193 in 1982–1983, and 183 in 1983–1984. The increased number during the past year results from manuscripts submitted for the Jahns Memorial Issue. Table 1 summarizes the operations of the journal for the past year.

Because of the Jahns Issue, the backlog has again increased to two issues. Manuscripts presently being received from the associate editors are designated for the July–August, 1986 issue. The backlog will again decline during 1986, as the MSA Council has designated that the number of pages allocated for the 1986 calendar year will be about 20% above previous years.

Effective with the first issue of 1986, we have changed printers from Byrd Press to Allen Press. Allen Press is mainly a publisher of scholarly journals. It appears that they will do an excellent job, although the changeover will produce a few minor frustrations. The chief advantages of Allen Press are a great improvement in quality of photographs and a substantially lower cost per page.

The Alkaline Rocks Issue with six reports will appear as part of the November–December issue. The Richard H. Jahns Memorial Issue with about 25 reports on pegmatites, granites, and related rocks and minerals will appear in March–April, 1986. Special Associate Editors Gordon Brown and Rod Ewing are very pleased with the high quality of the reports submitted. It appears that additional sales of the Jahns Issue will be substantial. The issue will be a fitting memorial to Dick Jahns.

With this report and the completion of the 1985 volume, my duties as Editor and the duties of Linda Dungan as Managing Editor are complete. James Munoz and Mary

Table 1. Summary of operations of *The American Mineralogist* for 1985

Volume	No.	Number of Articles	Number of Pages of Articles	Pages of Miscellaneous	Total Pages
<i>Published</i>					
69	9-10	24	173	3	176
69	11-12	23	201	23	224
70	1-2	27	213	11	224
70	3-4	25	212	12	224
70	5-6	23	201	23	224
70	7-8	25	206	18	224
70	9-10	22	187	5	192
<i>In Press</i>					
70	11-12	30	256	16	272
Manuscripts accepted			44		
Manuscripts under review			100		
Manuscripts rejected			27		
Manuscripts withdrawn			14		

Eberle of the University of Colorado, Boulder, officially take over on November 1, although they have both been working for a month already. I have found that being your Editor has been most rewarding. It has forced me to read many informative reports which I otherwise would not have seen, and it has broadened my horizons by providing many contacts, most of whom I hope are still speaking to me. Jim and Mary have both spent time in our office acquainting themselves with procedures. They have some new ideas for the journal and I know they will be receptive to your ideas. Linda and I believe the journal will be in good hands.

I thank the associate editors, Linda Dungan, Barbara Minich, and the MSA Council for their continued support of the journal.

M. J. HOLDAWAY

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