

∞ The Ward M. Canaday Center ∞
for Special Collections
The University of Toledo

Finding Aid

➤ **William A. Kneller Papers** ◀

MSS-171

Size: 18 Linear Feet

Provenance: In 1996, archivist Barbara Floyd met with Dr. William A. Kneller and examined his research files. He agreed at that time to donate the collection to the Ward M. Canaday Center because the Center housed the papers of Wilhelm Eitel and the Eitel Institute. Following Dr. Kneller's death in 2002, his widow, Mrs. Olga Kneller, donated the research files to the Canaday Center.

Access: Open

Collection Summary: Collection consists of personal and professional documents, correspondence pertaining to the Eitel Institute, conference abstracts, papers, reports, geology class material and theses, geology consulting reports, and documents related to Ohio and Pennsylvania Coal.

Subjects: [Education and Schools](#)

Related Collections: Wilhelm Eitel and Eitel Institute Collections

Processing Note: None

Copyright: The literary rights to this collection are assumed to rest with the person(s) responsible for the production of the particular items within the collection, or with their heirs or assigns. Researchers bear full legal responsibility for the acquisition to publish from any part of said collection per *Title 17, United States Code*. The **Ward M. Canaday Center for Special Collections** may reserve the right to intervene as intermediary at its own discretion.

Completed by: Kathy Warnes, 2003; last updated: June 2014.

William A. Kneller
Papers

Biographical Timeline

- 1929 Born April 7 in Cleveland, Ohio
- 1947-1951 United States Naval Reserve
- 1951-1980 United States Marine Corps Reserve
- 1951 Graduated with honors in Geology from
Miami University, Oxford, Ohio
- 1948-1951 Laboratory Assistant, Geology Department
Miami University, Oxford, Ohio
- 1951 Phi Sigma Biology-Honorary
- 1951- Married Olga Kanareff, July 14. The Knellers eventually had
four children: Karinlee, Gregory John, Ellen Kay and Kirt Tihon.
- 1951-1953 Intelligence Officer-Second Marine Division
- 1953-1954 Junior in Engineering, Jet Accessory Division, Thompson Products, Euclid,
Ohio
- 1954-1955 Teaching Fellow, Geology Department- Miami University, Oxford, Ohio
- 1955 M.S. in Geology, Miami University, Oxford, Ohio
- 1955-1958 Teaching Fellow, Geology Department, University of Michigan, Ann Arbor,
Michigan
- 1956 Summer Exploration. Quebec Province, Canada For Cartier Mining, Ltd.
- 1956-1959 Instructor of Geology, Eastern Michigan University, Ypsilanti, Michigan
- 1957 Instructor of Field Geology, University of Michigan Summer School
- 1959-1961 Assistant Professor Geology, Eastern Michigan University, Ypsilanti, Michigan
- 1960-1961 National Science Faculty Fellow, University of Michigan
- 1961-1965 Assistant Professor of Geology, The University of Toledo
- 1962 Research Society of Sigma Xi
- 1963-1985 Chairman, Department of Geology, the University of Toledo
- 1963 Founded and organized the Department of Geology at the University of Toledo
- 1964 Ph.D. in Geology, University of Michigan
- 1964 September 1. Tenure Granted. University of Toledo.
- 1964-1967 Associate Professor of Geology-The University of Toledo
- 1965 Designed and Organized Master of Science Program at University of Toledo
- 1967-1989 Professor and Chairman, Department of Geology, University of Toledo
- 1973 Elected as Faculty Member of Phi Kappa Phi-Science Honorary
- 1976-1989 Director, The Eitel Institute for Silicate Research, the University of Toledo
- 1989-2002 Superannuate Professor of Geology, the University of Toledo
- 1989-2002 Professor Emeritus of Geology, the University of Toledo
- 1989-2002 Director Emeritus, Eitel Institute for Silicate Research
- 1992-2002 Adjunct Professor of Civil Engineering, the University of Toledo
- 2002 September. Died in Toledo.

William A. Kneller
Papers

Biographical Sketch

William A. Kneller was born on April 7, 1929, in Cleveland, Ohio. He received his A.B. in Geology from Miami University in Oxford, Ohio, in 1951, his M.S. in Geology from Miami in 1955 and his Ph.D. in Geology from the University of Michigan in 1964.

After serving as a Geology teaching fellow at both Miami University and the University of Michigan, Dr. Kneller began his teaching career as a Geology instructor at Eastern Michigan University in Ypsilanti, and was an assistant professor of Geology from 1959-1960. In September 1961, when he was appointed to the faculty of the University of Toledo, the Geology Department was part of the Geography Department, and as one of his colleagues put it, "Dr. Kneller transformed the Geology Department from a pebble to a rock." In only two years the programs were separated and developed into full-fledged courses taught by well-known scholars in the fields of Geography and Geology. In these early days, Dr. Kneller recalled that the Geology Department's annual budget was \$1,100. Even at this stage of his academic career, Dr. Kneller proved to be adept at obtaining money for the program. He recalled the necessity to put in a wet lab in the Geology Department and the lack of money for plumbing. "I told Bill Carlson [UT's president] that we really needed the wet lab and we couldn't wait until the following year to get the money for plumbing. Then he decided to give us the extra money for the plumbing."

By 1966, Dr. Kneller proposed a master's program in Geology for UT to the Ohio Board of Regents. The day the board approved the plan was "one of the happiest days ever in my career at the University," Dr. Kneller said. The Board of Regents singled out Dr. Kneller's proposal for special praise, stating that it was one of the best-prepared proposals they had reviewed.

From 1961 to 1989, Dr. Kneller built, taught in, and chaired the Department of Geology. One of his major contributions to the university occurred in 1988 when a \$1.2 million dollar gift from the Nippon Electric Glass Co. in Japan established UT's first fully endowed faculty chair in silicate science. The post began in September 1989 and was based in the Wilhelm Eitel Institute for Silicate Science and Ceramics Research.

The Eitel Institute focused on the research and study of silicates. Dr. Kneller was instrumental in founding the institute with grant money from Johns-Manville and funds that he had earned from various research consulting jobs. He and UT students and research personnel tested batches of powdery materials that Johns-Manville produced that were used to make the heat-absorbing tiles on the exteriors of the first space shuttles. This work netted about \$1200 per year. Teams of UT researchers and graduate assistants also developed new treatments for sewage sludge and a method of turning cement kiln dust and fly ash into road building materials. The Institute also studied waste solidification, reactions in hydraulic binders and low temperature ceramic coatings for industrial materials.

In his laboratory in the basement of the Bowman-Oddy building, Dr. Kneller presided over coal experiments and canned samples of Ohio coal that he and his graduate assistants and researchers classified, tested, and analyzed. The work involved measuring moisture, volatile components, ashes and impurities in the samples and a coalmine smelt.

The Eitel Institute was just one of Dr. Kneller's activities at UT. The National Science Foundation, the U.S. Department of Energy, Columbia Gas of Ohio, Exxon, France Stone Co.,

William A. Kneller Papers

the Ohio Coal Research Laboratory Association, Toledo Edison and the Ohio and Federal Highway Administration are just a few of the organizations that sponsored his research. He published over 100 papers and articles and served as a consultant to many stone companies. He documented the effects of chert, a silica-based material, in concrete and developed non-toxic coating for various kinds of pavements. Other research areas included industrial rocks and minerals, electron microscopy of mineral surfaces and concrete petrology.

One of Dr. Kneller's more interesting science activities at the UT involved operating a seismic station for the detection of earth tremors that operated in the Department of Geology. Two seismometers monitored and recorded measurements of irregular earth movements. Dr. Kneller freely acknowledged that Toledo is in a "minor" earthquake zone, but he explained that the UT station served as an important adjunct to the seismic station at the University of Michigan in Ann Arbor because it recorded low-energy earthquake waves generated from a seismic zone near Anna, Ohio, in Shelby County. The waves could not easily be recorded at Ann Arbor because the earth's interior absorbed them, but according to Dr. Kneller, the UT station relayed information on earth movement in the area that could affect the Davis-Besse nuclear power station near Port Clinton.

Dr. Kneller enjoyed long affiliations with many professional and academic societies, including the Sigma Xi scientific honorary, which he helped start at the UT in the 1960s. He was also a member of Sigma Gamma Epsilon, a Geology honorary, and Phi Sigma, a biological science honorary. He belonged to the Geological Society of America, the Mineralogical Society of America, the Society of Economic Paleontologists and Mineralogists, the American Association for the Advancement of Science and the Electron Microscopy Society of America

Outside of UT, Dr. Kneller's professional activities included extensive consulting experience. He consulted on the reinvestigation of the condition of the subsoil at the Health Service Building site at Eastern Michigan University, and was consultant to the Citizens Mutual Insurance Company in Lansing, Michigan. He was the field geologist for the Olivier Mining Company in Northern Quebec, Canada; and consultant to the Edward C. Levy Company in Detroit, Michigan; the Homer A. Merritt Construction Company in Sandusky, Ohio; the Woodville Chemical and Lime Company in Woodville, Ohio; the Nicholson Concrete Company in Toledo; and the Tarbox-McCall Stone Company in Findlay, Ohio. A few of his other consultations included the City of Toledo; N-Viro Energy Systems; Trow Group of Rexdale, Ontario; Woodlawn Cemetery, Toledo; and Sun Refining and Marketing Company. For many years Dr. Kneller served as Research Advisor for the NSF Student Science Training Program in Scientific Research for High Ability Secondary School Students, conducted many Geology Field Camps, and directed dozens of graduate student theses. When he retired from the university in 1989, he said, "My years at the University of Toledo have been wonderful, and I've always tried to do everything in a positive way."

On July 14, 1951, Dr. Kneller married Olga Kanareff and the couple had four children: Karinlee, Gregory John, Ellen Kay and Kurt Tihon. His daughter Karinlee and his son Gregory John worked with him on geology projects.

Dr. William Kneller died in Toledo September, 2002.

William A. Kneller
Papers

Scholarships and Academic Honors and Fellowships

- 1955 First William Herbert & Hobbs Fellow-University of Michigan
- 1956 Rackham Graduate Fellow-University of Michigan (Declined)
- 1959 Nominated by Eastern Michigan University for Danforth Fellowship
- 1960 National Science Foundation Faculty Fellowship, University of Toledo
- 1973 Selectee, Gordon Conference on Research in Building Materials
Tilton School, Tilton, New Hampshire
- 1978 U.S. Department of Energy, Oak Ridge Associated Universities
Sponsored Institute on Coal Production, Technology and
Utilization. Stipend Paid by USDOE. Selection for Institute
Was based upon National Competition.
- 1978 Selectee, Penrose Conference on Siliceous Deposits and
Symposium funded by Geological Society of America at
University of British Columbia, Vancouver, Canada. This is
An honor because only 52 participants were selected world wide
- 1982- National Research Council (NRC) Commission on Physical Sciences, Mathematics and
1984 Resources, Board of Mineral and Energy Resources (BMER), member on the
Committee on Highwalls and Approximate Original Contour, (COHAOC), funded by
Office of Surface Mining (OSM) of the U.S. Department of Interior for the period Sept.
10, 1982 to March 9, 1984.
- 1984 Nominated for Sigma Xi Outstanding Research Award
- 1985 Received the 1985 Sigma Xi Service to Science Award for 1985
- 1990 Won the Wilhelm H.J. Eitel Award for Excellence in Silicate Science. The award
included \$1,000 Cash Prize, a medallion and a framed Citation.

Continuing Grants

From: Ohio Department of Transportation (ODOT)
Title: The Precipitate Potential of Highway Subbase Aggregates
With: Dr. Jiwan Gupta Civil Engineering Dept.
Amount: Total - \$198,516, Sponsor (ODOT) \$129,053, UT Contribution \$68,463
Grant Completed in June 1994.

Quantitative X-Ray diffraction studies in batch composites of insulation material used on the space shuttle crafts. Jointly funded by NASA-Manville-Lockheed Aircraft Corp. Since 1974 the Eitel (September 91 to December 92) Institute has generated from this grant/contract a total income of \$191,254.

History of Grantsmanship of Dr. William A. Kneller - \$1,023,471.
Total Grants Funded \$1,023,471

In addition, Dr. Kneller was responsible for obtaining over \$1.9 million in gifts, for a total of over \$2.9 million of grants and gifts.

**William A. Kneller
Papers**

Major Consulting Assignments

1958	Swanson Associates
1962	Citizens Mutual Insurance Company
1964	Edward C. Levy Company
	Homer A. Merritt Construction Company
1965-1994	Alexander Kanareff and Associates
1966-1980	Owens-Illinois, Inc.
1967-1974	Woodville Chemical and Lime Co.
1972-1991	France Stone Company
1979-1982	N-Viro Energy Systems, Ltd.
1984	Trow Group, Ltd.
1984-1987	Woodlawn Cemetery
1986	Y & O Coal Company
1988	Sun Refining and Marketing Company
1988	Owens-Corning Fiberglas

Abbreviated List of Publications:

(Complete List in Biography File, Series 1, Box 1, Folder 9)

United States Patent 4,432,800, February 21, 1984, Kneller, W.A.

Nicholson, J.P., Beneficiating Kiln Dusts Utilized in Pozzolonic Reactions

Articles-Refereed:

Risek, R.M., and Kneller, W.A. 1993, Thermo Plasticity of Selected Ohio and Pennsylvania Coals Utilizing a Dupont Thermo Mechanical Analyzer

Kneller, W.A., Gupta, J., Borkowski, M.L. and Dollimore, D., 1993, Determination of Original Free Lime (CaO) Content of Weathered Iron and Steel Slags by Thermo Gravimetric Analysis.

Kneller, W.A. and DiCesare, J.A., 1989, Physicochemical Characterization of Selected Power Plant Fly Ashes.

Kneller, William A., 1986, Physicochemical Characterization of Coal and Coal Reactivity.

Kneller, W.A., 1981, Memorial of Wilhelm Herman Julius Eitel, May 6, 1891-July 20, 1979.

Kneller, W.A., 1979, Characterization of Ohio Coals for Exploration and Industrial Utilization.

Kneller, William A. "Über die in der heutigen Vergletscherung der Erde als Eis gebundene Wassermasse: by Albert Bauer. Translated by William A. Kneller and Herbert Gauerke.

**William A. Kneller
Papers**

Major Research Reports

Gupta, J.D. and Kneller, W.A., 1993, Precipitate Potential of Highway Subbase Aggregates, Ohio Dept. of Transportation Project No. 144796.

Kneller, W.A. and Zaeff, G.D., 1981, The Occurrence and Distribution of Minerals within the Pittsburgh No. 8 Coals in Southeastern Ohio: Report No. IV, Ohio Coal Research Laboratory Association.

Scope and Content Note

This collection is divided into eight series: S1. Personal and Professional Documents; S2. Correspondence 1950s-1990s-Eitel Institute Correspondence; S3. Abstracts, Conferences, Papers and Research Reports; S4. Geology Class Material and Theses; S5. Geology Consulting Reports; S6. Printed Materials; S7. Ohio and Pennsylvania Coal; S.8. Geology Material and Technical Publications. Series Two also includes Eitel Institute Correspondence and Material.

**William A. Kneller
Papers**

Series List

- S1 Personal and Professional Documents
1950-1990, 2 Linear Feet
Arranged chronologically and by type
Divided into two subseries, Series 1, Box 1, *Personal and Professional Documents* is comprised of administrative items that Dr. Kneller dealt with as chairman of the Geology Department; biographical information about Dr. Kneller, documentation of his professional activities, salary data, and newspaper clippings detailing his career. Series 1, Box 2, *Personal and Professional Documents*, contains Arts and Sciences Council Minutes, Faculty Senate and Graduate Council Minutes, and maps and other documents from Dr. Kneller's various research trips to Europe and South America.
- S2 Correspondence-1950s-1990s
1950s-1990, 3 Linear Feet
Arranged chronologically and chronologically within the folders.
Divided into three subseries. Series 2, Box 1, *Correspondence- 1959-1978*
Series, 2, Box 2, *Correspondence,- 1979-1989*
Series 2, Box 3, *Correspondence, 1990-1997; Eitel Institute Correspondence, 1976-1997* and *Eitel Institute Literature* including brochures, circulars and research reports.
- S3 Research Proposals, Abstracts, Conferences and Papers
1950s-1990s, 3 linear fee
Arranged alphabetically and by type.
Series includes paper proposals on coal and oil exploration and development written by Dr. Kneller and his colleagues.
Also included are alphabetically arranged abstracts of Geology papers written and Dr. Kneller and his colleagues.
- S4 Geology Class Material and Theses
1950s-1990s
One Linear Foot
Arranged Alphabetically and by Type.
Series Four contains teaching materials from Dr. Kneller's geology classes and copies of theses written by his students
- S5 Geology Consulting Reports
1950s-1990s
Two Linear Feet
Arranged Alphabetically
Series Five contains Dr. Kneller's consulting reports.

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Papers**

- S6 Printed Material
1980s-2000
One Linear Foot
Arranged Alphabetically
Fliers about various University of Toledo activities, Micro Report, Student Affairs
Newsletter, magazines and miscellaneous newspapers.
- S7 Ohio and Pennsylvania Coal Material
1970s-2000
3 Linear Feet
Arranged Alphabetically.
Series 7, Box 1 has manuals and data on Ohio and Pennsylvania coals.
Series 7, Box 2 contains records from Dr. Kneller's Coal Research Recovery
Company and miscellaneous material on Ohio and Pennsylvania Coals.
Series 7, Box 3 is comprised of Ohio and Pennsylvania Coal Reports.
- S8 Geology Reports and Technical Publications
1980s-2000
3 Linear Feet
Alphabetically arranged.
Contains Geology Reports and Technical Publications

**William A. Kneller
Papers**

Folder List

Box Folder Arrangement

S1-Personal and Professional Documents

- | | | |
|---|----|---|
| 1 | 1 | Academic and Administrative Reports-Geology Department |
| | 2 | Geology Department-Personnel Matters and Letters of Recommendation |
| | 3 | Geology Department-Personnel Matters and Letters of Recommendation |
| | 4 | William A. Kneller-Annual Report of Professional Activities 1971-1979 |
| | 5 | William A. Kneller-Annual Report of Professional Activities 1980-1988 |
| | 6 | William A. Kneller-Annual Report of Professional Activities 1989-1991 |
| | 7 | William A. Kneller-Application for Sabbatical Leave |
| | 8 | William A. Kneller –Awards and Honors |
| | 9 | William A. Kneller-Biographical |
| | 10 | William A. Kneller-Books Reviews and Abstracts |
| | 11 | William A. Kneller-Civil Service Records |
| | 12 | William A. Kneller-Inventory of Grants |
| | 13 | William A. Kneller-Letterhead Paper |
| | 14 | William A. Kneller-Newspaper Stories |
| | 15 | William A. Kneller-Newspaper Stories |
| | 16 | William A. Kneller-Patents |
| | 17 | William A. Kneller-Personnel Forms |
| | 18 | William A. Kneller-Pictures |
| | 19 | William A. Kneller-Retirement |
| | 20 | William A. Kneller-Salary Data |
| | 21 | Theses Dr. Kneller Directed Since 1980 |
| 2 | 1 | Arts and Sciences Council – 1984-1989 |
| | 2 | Faculty Advisory Committee 1987-1988 |
| | 3 | Faculty Newsletters |
| | 4 | Faculty Senates Minutes – 1984-1989 |
| | 5 | Graduate Council Minutes – 1981-1984 |
| | 6 | Graduate Council Minutes – 1985-1988 |
| | 7 | W.A. Kneller-Brazil Trip |
| | 8 | W.A. Kneller-Japan Trip |
| | 9 | W.A. Kneller-Japan Trip |
| | 10 | W.A. Kneller-European Trip-Switzerland |

William A. Kneller

Papers

- 11 Maps-United States
- 12 Maps-Army Corps of Engineers
- 13 Maps, Cards from Europe/Greece Trip-September 1988
- 14 Maps, Cards from Europe/Greece Trip-September 1988
- 15 Maps, Cards from Europe/Greece Trip-September 1988
- 16 Maps, Cards from Europe/Greece Trip-September 1988
- 17 Maps, Cards from Europe/Greece Trip-September 1988
- 18 Travel Folders Norway and Scandinavia
- 19 British Isles and Ireland –1971
- 20 Phi Kappa Phi-University of Toledo Honorary Society
- 21 Sigma Xi-University of Toledo Chapter
- 22 U.S. on the Moon – 1969
- 23 U.S.S. South Dakota Battleship

S2. Correspondence 1950s-1990s, Eitel Institute

- 3 1 Correspondence and Documents
- 2 Correspondence-1959
- 3 Correspondence-January-July, 1960
- 4 Correspondence-August-December, 1960
- 5 Correspondence-1961
- 6 Correspondence-January-July, 1962
- 7 Correspondence-August-December, 1962
- 8 Correspondence-January-July, 1963
- 9 Correspondence-August-December, 1963
- 10 Correspondence-January-July, 1964
- 11 Correspondence-August-December, 1964
- 12 Correspondence-January-July, 1965
- 13 Correspondence-August-December, 1965
- 14 Correspondence-January-July, 1966
- 15 Correspondence-August-December, 1966
- 16 Correspondence-January-July, 1967
- 17 Correspondence-August-December, 1967
- 18 Correspondence-January-July, 1968
- 19 Correspondence-August-December, 1968
- 20 Correspondence-January-July, 1969
- 21 Correspondence-August-December, 1969
- 22 Correspondence-1970
- 23 Correspondence-1971
- 24 Correspondence-January-July, 1972
- 25 Correspondence-August-December, 1972
- 26 Correspondence-January-July, 1973

William A. Kneller
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- 27 Correspondence-August-December, 1973
- 28 Correspondence-1974
- 29 Correspondence-January-July, 1975
- 30 Correspondence-August-December, 1975
- 31 Correspondence-1976
- 32 Correspondence-January-July, 1977
- 33 Correspondence-August-December, 1977
- 34 Correspondence-January-July, 1978
- 35 Correspondence-August, December, 1978

- 4
 - 1 Correspondence-January-July, 1979
 - 2 Correspondence-august-December, 1979
 - 3 Correspondence-January-July, 1980
 - 4 Correspondence-August-December, 1980
 - 5 Correspondence-January-July, 1981
 - 6 Correspondence-August-December, 1981
 - 7 Correspondence-January-July, 1982
 - 8 Correspondence-August-December, 1982
 - 9 Correspondence-January-July, 1983
 - 10 Correspondence-August-December, 1983
 - 11 Correspondence-January-July, 1984
 - 12 Correspondence-August-December, 1984
 - 13 Correspondence-January-July, 1985
 - 14 Correspondence-August-December, 1985
 - 15 Correspondence-January-July, 1986
 - 16 Correspondence-August-December, 1986
 - 17 Correspondence-January-July, 1987
 - 18 Correspondence-August-December, 1987
 - 19 Correspondence January-July, 1988
 - 20 Correspondence August-December, 1988
 - 21 Correspondence January-July, 1989
 - 22 Correspondence August-December, 1989

- 5
 - 1 Correspondence-1990
 - 2 Correspondence- 1991
 - 3 Correspondence- 1992
 - 4 Correspondence-1993
 - 5 Correspondence-1994
 - 6 Correspondence-1995
 - 7 Correspondence-1996-1997
 - 8 Correspondence- Miscellaneous
 - 9 Eitel Institute for Silicate Research

William A. Kneller

Papers

- 10 Wilhelm Eitel Literature
- 11 Wilhelm Eitel Literature
- 12 Eitel Institute-Newspaper Publicity
- 13 Eitel Institute=Tuscarora Ceramics
- 14 Wilhelm Hermann Julius Eitel-Biography
- 15 William A. Kneller- Personal Forms – Eitel Institute
- 16 Eitel Institute-Information Circular No. 10
- 17 Eitel Institute-Minutes of Conference –1969
- 18 Eitel Institute-Coal Analyses Reports
- 19 Eitel Institute-Indugas Project
- 20 Eitel Institute-N-Viro Energy Systems
- 21 Eitel Institute-N-Viro Energy Systems
- 22 Eitel Institute-Ohio Outline Maps
- 23 Eitel Institute-Resource Recovery Report
- 24 Eitel Institute-1980 Toledo Glass
And Ceramic Award Symposium
- 25 Eitel Institute Correspondence-1976
- 26 Eitel Institute Correspondence- 1977
- 27 Eitel Institute Correspondence – 1978
- 28 Eitel Institute Correspondence – 1979
- 29 Eitel Institute Correspondence – 1980
- 30 Eitel Institute Correspondence – 1981
- 31 Eitel Institute Correspondence – 1982
- 32 Eitel Institute Correspondence – 1983
- 33 Eitel Institute Correspondence – 1984
- 34 Eitel Institute Correspondence – 1985
- 35 Eitel Institute Correspondence – 1986
- 36 Eitel Institute Correspondence – 1987
- 37 Eitel Institute Correspondence – 1988
- 38 Eitel Institute Correspondence – 1989
- 39 Eitel Institute Correspondence – 1990
- 40 Eitel Institute Correspondence – 1991
- 41 Eitel Institute Correspondence – 1992
- 42 Eitel Institute Correspondence – 1996-1997

S3. Research Proposals

- 6 1 Characterization of Base and Subbase Iron & Steel Slag Aggregates
- 2 Characterization of Ohio Coals for Industrial Use
- 3 Characterization of Selected Ohio Coals
- 4 Characterization of Western Kentucky Tar Sands
- 5 The Coal of Spain

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Papers

- 6 Comparison of Organic-Rich Shales of Pennsylvanian Age in Indiana with New Albany Shale
 - 7 Cryogenic Heat Capacity Measurements of Vitrinite
 - 8 Deep Cleaning of High Sulfur Coals by Steam Comminution Using Waste Boiler Heat
 - 9 Deep Cleaning of High Sulfur Coals by Steam Comminution Using Waste Boiler Heat
 - 10 Depositional Environment of the Harlem Coal Bed Pennsylvanian System in Ohio
 - 11 Development of An Innocuous Coating to decrease Absorption in Aggregates
 - 12 Dolomitization Kinetics in Hydrothermal Bombs
 - 13 Emission Studies Laminar Combustion in High Sulfur Coals
 - 14 Evaluation of the Iowa Pore Index and Mercury Intrusion Porosimetry Tests for Predicting the Frost Durability of Selected Carbonate Rocks
 - 15 Evaluation of Utilization of Residues Waste Products as Additions to Portland Cement Clinker Final Report
 - 16 Evaluation of Major Chert Burning Aggregate Sources - Ohio
 - 17 Evaluation of Iowa Pore Index-Predicting Frost Durability of Selected Carbonate Rocks
 - 18 Research Proposal-Extraction of Chromium from Salt
 - 19 Feasibility and Assessment Studies on a Plasma Beam Operating Unit
 - 20 Geochemistry of Germanium in Coal
 - 21 History of Coal Research
 - 22 Oil Shales-Colorado
 - 23 Precipitate Potential of Highway Subbase Aggregates
 - 24 Reduction, Elimination or Encapsulation of Free and Hydrated Limes in RPCC Subbase Aggregates
 - 25 Rheological Properties of Oil and Water Slurries of Coals of Various Rank
 - 26 Research on Oil from Midwestern Shale
 - 27 Some Economic and Engineering Properties of Sand in Northwestern Ohio
 - 28 Stratigraphy and Paleoenvironmental Reconstruction of the Harlem and Ames Coals
 - 29 Supercritical Fluid Extraction High Sulfur Coals
 - 30 Synthetic Fuel and Raw Materials
 - 31 Synfuels Program for a Demonstration Plant for the Production of Hydrogen from Coal
 - 32 Toxicity Characteristics of Slag and RPCC Subbase Aggregates
 - 33 Use of Plasma Beam Technology in the Processing and Usage of High Sulfur Content Coals
-
- 7 1 Abstract-Geological Society of America
 - 2 Abstract-American Association of Petroleum Geologists

William A. Kneller

Papers

- 3 Paper-“A Buried Biotic Assemblage from an Old Saline River Terrace at Milan, Michigan.”
- 4 Paper-“A Case History-The Use of Differential Thermal Analysis in Characterising Lucas Dolomite.”
- 5 Paper-“A GIS Based Transportation Program.”
- 6 Paper-“A Methodology for Conducting A Transportation Survey for Person with Disabilities.”
- 7 Paper-“Amount of Water Bound as Ice in the Present Glaciation.”
- 8 Paper-“An Alternative Method for Analyzing Fluidity of Coal.”
- 9 Paper-“Analysis of Portland Cement for Portlandite and Carbonate.”
- 10 Paper-“Applications of Fixation Chemistry for Steel Slags.”
- 11 Paper-“Application of Illite Crystallinity, Organic Matter, Reflectance, and Isotopic Techniques...”
- 12 Paper-“The Application of Thermal Analysis to Carbon Black-Elastomer Systems.”
- 13 Paper-“The Application of Thermo Mechanical Analysis to Coal and Oil Shale.”
- 14 Paper-“Base/Subbase Iron and Steel Slag Aggregates- Kneller.”
- 15 Kneller Chapter – “Brief Analysis of Erosion National Research Council.”
- 16 Paper-“Catalysts-Thermal Analysis Application.”
- 17 Paper-“Characterization of Base/Subbase Iron and Steel Slag Aggregate.”
- 18 Paper-“Coal-Not Just a Fuel but a Resource: Germanium and Gallium from Coal Ashes.”
- 19 Paper-“Computer Methods from the Petrographic Prediction of the Coking and Blending Potential of Selected Ohio Coals.”
- 20 Conferences – American Institute of Professional Geologists
- 21 Conferences – Geology of Industrial Mineral Conferences – 1966-1968
- 22 Conferences – Geology of Industrial Minerals Conferences – 1969
- 23 Conferences- Geology of Industrial Minerals Conferences – 1970
- 24 Conferences – Gordon Conferences – Research and Building Materials
- 25 Conferences – Miscellaneous
- 26 Conferences – Miscellaneous
- 27 Paper-“Correlations Between the Chemical and Geologic Origins of Anthraxolite from the Gunflint Formation, Thunder Bay, Ontario
- 28 Paper- “Precambrian Coal or Anthraxolite: A Source for Graphite in High-Grade Schists and Gneisses.”
- 29 Paper-“The Decomposition of Dolostone in Atmospheres of Carbon Dioxide.”
- 30 Paper- “The Dehydration of Various Clays.”
- 31 Paper-“Determination of the Rank of Coal by Special Fluorescence Measurements on Sporinite Macerals.”
- 32 Paper-“Determination of Paleotemperatures Associated with Post-Permian Thermal Events in the Parana Basin, Brazil.”
- 33 Paper-“Determination of Original Free Lime – Kneller/Gupta.”
- 34 Paper-“The Determination of the thermo Mechanical Properties of Ohio

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Papers

- Shale.” Kneller
- 35 Paper-“Determination of Original Free Lime Content of Weathered Iron and Steel Slags.”
- 36 Paper- “The Discriminate Analysis for Contaminant Sources.”
- 37 David Dollimore Papers
- 38 Paper- “Effect of Temperature Dependent Factors Upon Solids.”
- 39 Paper-“Engineering Properties of Phosphogypsum-Based Slag Aggregate.”
- 40 Paper-“Factors Controlling Economic Deposition in Jordan.”
- 41 Paper-“Geochemistry and Mineralogy of Reactive Silicone Materials
- 42 Paper-“The First Thermal Analyst, Genius or Fraud?”
- 43 Paper-“Highwall Elimination and Return to Approximate Original Contour as Required in the Surface Mining Control and Reclamation Act of 1977.”
- 44 Paper-“The Historical Significance of Silicate Science to Material Research.” Kneller.
- 45 Paper-“Influence of Dielectric Constant on Sedimentation Rate of Concentrated Suspensions of Aluminum and Magnesium Hydroxides.”
- 46 Paper- “The Influence of Pectin and the Bile, Salt/Lecithin/Cholesterol System on the Particle size of Calcium Carbonate Suspensions.
- 8 1 Paper- “Physicochemical Characterization of Medieval Mortars of France.”
- 2 Paper-“Organic Geochemistry of the Kerogen and Bitumen from the Ohio Shale by Pyrolysis-Gas Chromatography.”
- 3 Paper-“The Measurement of Meaningful Kenetic Parameters For Solid State Decomposition Reactions.”
- 4 Paper-“Paragenetic Relationships of Vein Pyrobitumen in the Panel Mine, Elliot Lake Uranium District, Ontario.”
- 5 Paper-“Physicochemical Characterization of Selected Power Plant Fly Ashes.”
- 6 Paper-“The Physico-Chemical Suitability of Pozzolantic Admixtures as Sanitary Landfill Liner.”
- 7 Paper-Physicochemical Characterization of Coal and Coal Reactivity-A Review.
- 8 Paper-“Physicochemical Characterization of Selected Power Plant Fly Ashes.
- 9 Paper-Porosity and Surface Area Size of Two Brazilian Coals.”
- 10 Paper-“Precambrian Vein Pyrobitumen: Evidence For Petroluem Generation and Migration 2 Billion Years Ago.”
- 11 Paper-“Precambrian Vein Pyrobituemn: Evidence for Petroleum Generation and Migration 2 GA algo.
- 12 Paper-“Precipitate Potential of Highway Subbase Aggregates.
- 13 Paper-“Reevaluating Mineral Reserve Evaluation Methods-Kneller, Tank.
- 14 Paper-“Solid Pyrobituemn in Veins, Panel Mine, Elliot Lake District, Ontario.”
- 15 Paper-“Size, Shape and Distribution of Microscopic Pyrite in Selected Ohio Coals.

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Papers

- 16 Paper-“Stratigraphy, Sedimentology, Diagenesis, Geochemistry, and Economic Geology.”
- 17 Paper-“Surface Chemical Cleaning and Passivation for Semiconductor Processing.”
- 18 Paper- “Suspension and Sediments, Part. Particle – Particle Interactions in Dilute Solid-Liquid Suspensions.
- 19 Papers-Thermal Analysis-Dr. Dollimore
- 20 Paper-Thermal Analysis (TA) of Medieval Mortars from Gothic Cathedrals of France.
- 21 Paper-“Thermo Mechanical Properties (TMA) of the Ohio Shale from the Bellefontaine Outlier, Bristol Ridge, Logan County Ohio.”
- 22 Thermal Analysis (DTA) of Selected Power Plant Fly Ashes: An Abstract-William Kneller and Joseph DiCesare.
- 23 Thermal Analysis Studies of Coal Samples, Review
- 24 Thermodynamic, Kinetic and Surface Texture Factors in the Proudcion of Active Solids by Thermal Decomposition.
- 25 Kneller and Gupta-Papers-Transportation Research Board
- 26 The Use of the Rising Temperature Technique to Establish Kinetic Parameters for Solid-State Decompositions Using a Vacuum Microbalance.

S4. Geology Class Material and Theses

- 9
- 1 Coal Geology 629 Articles
- 2 Economic Geology of Non-Metallics-Geology Lab Manuals-432/635
- 3 Geology 432/635 Manual
- 4 Coal Geology 629-Data Tables
- 5 Coal Geology 629-Glossary of Coal Geology and Mining Terms
- 6 Glossary of Coal Geology and Coal Mining Terms – 1976
- 7 Coal Geology- 629-Laboratory
- 8 Log Evaluation of Non-Metallic Mineral Deposits
- 9 Well Log Applications in Coal Mining and Rock Mechanics
- 10 Coal Geology 629-Lab Exercises
- 11 Coal Geology 629-Folm & X-ray Data Sheets
- 12 Coal Geology 629-Transparencies
- 13 Coal Geology 629- Gasification of Coal
- 14 The Use of Petrographic Analysis for the Prediction of Coke Stablity.
- 15 Coal Geology 629
- 16 Coal Geology 629-Coal Petrology and Petrography
- 17 Coal Geology-629
- 18 Coal Geology 629, Coal Petrology Principles
- 19 Coal Geology 629-Field Trip, 1986
- 20 Coal Geology 629-Lecture Notes-Dr. Kneller
- 21 Coal Geology 161:629:01-Introduction to Fluorescence

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- 22 Coal Geology 629-Class Materials
- 23 Coal Geology 629-Petrographic Characteristics of Oxidized Coal
- 24 Coal Geology 629-Log Evaluation
- 25 Coal Geology-629
- 26 Coal Geology 629-Coal Geology and Petrology
- 27 Coal Geology-Coal Mining-629
- 28 Coal Geology, Coal Mining Glossary, 629
- 29 Coal Geology 629-References & Questions on Coal
- 30 Coal Geology 629-Cyclothemes
- 31 Coal Geology 629-Transparencies
- 32 Coal Geology 629-Transparencies
- 33 Coal Geology 629-Transparencies
- 34 Geology Transparencies – 629
- 35 Geology Transparencies – 629
- 36 Coal Geology Laboratory Outline – 629:00-001 Winter 1978
- 37 Physical Geology 161-100-01
- 38 Paper Review-Organic Petrology
- 39 Student Science Training Program-Scientific Research – 1979-1980
- 40 Kneller Review of Geology Textbook – Physical Geology
- 41 Thesis-Characterization of Selected Dolostones Using Rising Temperature Kinetics and Bet Surface Area Methods
- 42 Masters Thesis-Jeffrey Stevenson-Solid Veined Pyrobitumen from the Panel Mine in the Elliot Lake Uranium District, Ontario
- 43 Thesis-Ron Tipton-Core Descriptions-France Stone Company
- 44 Thesis-Hydration Studies on Cements and Related Topics
- 45 Thesis-Richard Risek
- 46 Thesis-Brian Greenwell
- 47 Thesis-Determination of Original Free Lime Content of Selected Iron and Steel Slags by Thermo Gravimetric Analysis

S5 Geology Consulting Reports

- 10 1 Akron Brick and Block Company
- 2 American Air Filter Company
- 3 Anchor Hocking
- 4 Biston-McKay Ores-Eureka, Nevada
- 5 Bittersweet Farms
- 6 Bowling Green State University
- 7 Citizens Mutual Insurance Company
- 8 Bowser-Morner Testing Laboratories, Inc.
- 9 Capital Tire
- 10 City of Toledo

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Papers

- 11 Columbia Gas System Service Corporation-Correspondence & Miscellaneous
 - 12 Columbia Gas System Service Corporation Budget and Contracts
 - 13 Columbia Gas Service Corporation Reports
 - 14 Statistics- Columbia Gas Service Corporation
 - 15 Energystics
 - 16 Evaluation of Shale Data-Domtar Inc., Mississauga, Ontario
 - 17 Flatrock Samples
 - 18 France Stone Foundation Project
 - 19 France Stone Company
 - 20 France Stone Company
 - 21 France Stone Company
 - 22 France Stone Foundation
 - 23 Geo Search, Inc.
 - 24 Indiana Mineral Aggregate Association
 - 25 Inland Steel
 - 26 Interstate Testing and Drilling, Inc.
 - 27 John W. Hawkins Reality Company
 - 28 Jones and Henry Laboratories, Inc.
 - 29 Monroe Quarry Project
 - 30 Kelly's Island Ohio
 - 31 Klopper's Stone Laboratory
 - 32 Law Building University of Toledo
 - 33 Maumee Valley Historical Society
-
- 11 1 NASA-Lewis Research Center
 - 2 National Bank Building Toledo
 - 3 National Science Foundation
 - 4 Neo-Products
 - 5 Nicholson Concrete and Supply Company
 - 6 Ohio Department of Energy
 - 7 Original TG Plot of Slag SW/O-Complete Annotation
 - 8 Owens/Corning
 - 9 Owens-Illinois Technical Center
 - 10 Paleobotany
 - 11 Pennsylvania Sedimentation of Central Appalachians
 - 12 Periodic Properties of the Elements
 - 13 Petrographic and Chemical Studies
 - 14 Process Costs and Flow Sheets, Bed Defluidization Characteristics, Stone Reactivity
 - 15 Research Foundation, University of Toledo
 - 16 Research Foundation, University of Toledo
 - 17 Research Foundation, University of Toledo
 - 18 Research Foundation, University of Toledo

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- 19 Research Foundation, University of Toledo
- 20 Research Foundation, University of Toledo
- 21 Research Foundation, University of Toledo
- 22 Research Foundation, University of Toledo
- 23 Research Foundation, University of Toledo
- 24 Research Foundation, University of Toledo
- 25 Research Foundation, University of Toledo
- 26 Safety Building, City of Toledo
- 27 Swanson Associates
- 28 Technical Proposal Writing
- 29 Toledo Edison
- 30 Toledo Refinery
- 31 Toledo Water Filtration Plant
- 32 Transportation Research
- 33 Franklin Waltz-Hamlet Subdivision
- 34 Woodlawn Cemetery
- 35 Consulting-Vernon J. Wiersmat Associates
- 36 Woodville Lime and Chemical Company
- 37 X-Ray Data
- 38 Youghiogheny and Ohio Coal Company

S 6. Printed Material

- 12
 - 1 Fliers About Various University of Toledo Activities
 - 2 Micro Report
 - 3 Newsletters Miscellaneous
 - 4 Student Affairs Newsletter – 1980s
 - 5 Timeline-University of Toledo
 - 6 Scientific American
 - 7 University of Toledo Topics – 1978-1985
 - 8 University of Toledo Booklet – 1973-1983

S7. Ohio and Pennsylvania Coal Material

- 13
 - 1 Abstract-Stratigraphy and Pale Environmental Reconstruction of the Harlem and Ames Coals (Upper Pennsylvanian Glenshaw Formation, Appalachian Basin)
 - 2 Carbonaceous and Mineral Mixtures
 - 3 Bituminous Coal Research
 - 4 Booklet – “A Century and a half of Ohio’s Minerals.”
 - 5 Citizen Ambassador Coal Mining Technology Delegation
 - 6 Coal-What is Coal?

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Papers

- 7 Coal Abstracts
 - 8 Coal Accumulation-Relationship Plants
 - 9 Coal Assessment
 - 10 Coal Analysis Seminar
 - 11 Coal Characterization, Exploration and Regional Data Base
 - 12 Coal Cleaning Program – Department of Energy
 - 13 Coal Correspondence
 - 14 Coal Data
 - 15 Coal Deposits, Resources (Terminology) U.s. and World
 - 16 Coal Gasification
 - 17 Coal Lithotype
 - 18 Coal Liquefaction
 - 19 Coal Literature
 - 20 Coal Manuals
 - 21 Coal Papers and Booklets
 - 22 Coal Proposals and Reports
 - 23 Coal References on Mineral Catalysts
 - 24 Coal Quality Symposium
 - 25 Coal-References on Desulfuration of Coal
 - 26 Coal Reports – St. Louis Fuel and Iron Company
 - 27 Coal Reports
 - 28 Coal Research Reports
 - 29 Coal Research-Foreign
 - 30 Coal Research Manual
 - 31 Coal Resources of the Pennsylvania Manuals and Transparencies
 - 32 Coal Sample Sheets – Dr. Osman Manual
 - 33 Coal Science
 - 34 William Kneller Coal speech – May, 1979
 - 35 Coal Transparencies from coal and Coal Seam Composition as Related to Preparation and Carbon
 - 36 The Use of Dyes as an Aid to Coal Petrography
 - 37 Coal Workshops-Other Locations Than the University of Toledo
 - 38 Coalification: Rank
 - 39 Geology of Coshocton County
 - 40 The Lower Kitanning No. 5 Coal Bed in Ohio
-
- 14 1 Coal Resource Recovery Company
 - 2 Coal Resource Recovery Company
 - 3 Coal Resource Recovery Company
 - 4 Coal Resource Recovery Company
 - 5 Coal Resource Recovery Company
 - 6 The Characterization of Ohio Coals for Industrial Use

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Papers

- 7 North Central Ohio Middle Devon Carbon Rocks
 - 8 Ohio Coal Report Selected Ohio Coals
 - 9 Characterization of Sulfur in Ohio Coals
 - 10 Ohio Coal Thesis – Timothy I. Hunt
 - 11 Ohio Coal Transparencies
 - 12 Ohio and Pennsylvania Coals
 - 13 Ohio Mining and Reclamation Association Newsletter
 - 14 Ohio Shales of Ohio
 - 15 Ohio Synfuels Program
 - 16 Ohio Universities Synfuels Program
 - 17 Quadratic Correlation Results of 77 Physico-Chemical Properties with the TSI of Selected Ohio coals
 - 18 Report Ohio's Synthetic Fuels and Exploration Methodology
 - 19 Surface Coal Mining
 - 20 Supercritical Desulfurization Kinetics of Illinois No. 5 Coals
 - 21 Synthetic Fuels in Ohio
 - 22 Uncorrected Diffractogram Showing Glassy Phase
 - 23 University of Toledo Coal Workshop
 - 24 Workshop Characterization of Ohio Coals University of Toledo – March 9, 1979
 - 25 Minerals of Ohio – Ernest H. Carlson
 - 26 Properties and Recognition of Deleterious Cherts
 - 27 Ohio Public Policy Issues – November 1979
Ohio Journal of Science – April Program Abstracts
-
- 15 1 Ohio Geological Survey
 - 2 Ohio Geological Search for Rocks
 - 3 Ohio Coal Research Associates
 - 4 Ohio Coal Research Laboratories
 - 5 Ohio Coal Research Laboratories
 - 6 Ohio Coal Research Laboratories
 - 7 Ohio Coal Research Laboratory
 - 8 Ohio Coal Research Laboratories
 - 9 Ohio Coal Research Laboratories Association
 - 10 Ohio Coal Research Laboratories Association
 - 11 Ohio Coal Research Laboratories Association
 - 12 Ohio Coal Research Laboratories Association
 - 13 Ohio Coal Research Laboratories Association
 - 14 Ohio Coal Research Laboratories
 - 15 Ohio Coal Research Laboratories
 - 16 Ohio Coal Research Laboratories Association
 - 17 Final Report for Ohio Coal Research Laboratory Association
 - 18 Ohio University Coal Data

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Papers

- 19 Pittsburgh Coal Conference
- 20 Pittsburgh Coal Energy Technology Center
- 21 Pittsburgh Coal Conference
- 22 Pittsburgh Coal Mining

S8. Geology Reports and Technical Publications

- 16 1 Aerial Photographic Analysis
- 2 American Laboratory Thermal Analysis Chromatography
- 3 Alkalic Granities and Pegmatites of the Mount Rosa Area, El Paso and Teller Counties, Colorado
- 4 American Laboratory-Ceramic Magazine
- 5 Area Council for Technology
- 6 Bituminous Test Sections on a Major Urban Freeway
- 7 Bulletin-American Association for Petroleum Geologists
- 8 Carnegie Yearbook – 12993-1994
- 9 Chilean Nitrate Deposits – Erickson (American Scientist)
- 10 Clays and Shales of Michigan and their Uses
- 11 Coal Cleaning Technology
- 12 Department of Energy Coal News
- 13 Department of the Navy Bureau of Aeronautics Material
- 14 The Ecology of Modern Reefs and the Paleo-ecology of Ancient Reefs
- 15 Elementary Optics for the Military Photogrammetrist
- 16 Elsevier Science Papers
- 17 Energy Conservation Workshop – University of Toledo
- 18 Engineering Geology of Ancient Works
- 19 Environmental Geology Notes – 1970-1972
- 20 Evaluation of Slag and its Potential Impact on the Aquatic Environment
- 21 Exxon Project-Coal
- 22 Geological Society of America Abstracts
- 23 Geology Bulletins and Pamphlets
- 24 Geology Reports
- 25 Field Guide Book and Conference – 1980
- 26 Geology of Loch Alpine Area
- 27 Geology Pamphlets and Magazines
- 28 Geology Paper-Contour Mines and ADC Highwalls
- 29 Silicate Science by Wilhelm Eitel
- 30 Geology Transparencies
- 31 Statistical Program – Cormat and Clay Mineralogy Bibliography
- 32 Geology-University of Toledo
- 33 High Purity Dolomite in Illinois – Willmen 1943
- 34 Highwall Elimination – NRC Report
- 35 International Committee for Coal and Organic Petrology

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Papers

- 36 Journal of Geology
 - 37 Journal of Sedimentary Petrology
 - 38 Kaolinite
 - 39 Kentucky Geological Survey
 - 40 Use and Abuse of Statistical Methods in the Earth Sciences
-
- 17
 - 1 Lime Kiln Dust Reports
 - 2 Limestone Reports
 - 3 Limestone Reports
 - 4 Limestone Sorbent Regeneration in Externally Fired Rotary Kilns
 - 5 Limestone Stratigraphy and Depositional Environment of Greenhorn Limestone
 - 6 Limestone Industries of Ontario
 - 7 Gravel Pit Inventory- Michigan Districts 1,2,3,4
 - 8 Map-Silica Sand
 - 9 Main Arrhenius Plots
 - 10 Midwest Universities Energy Consortium
 - 11 Mineralogie (German Geology Journal)
 - 12 Mineral Investigations Resource Map _MR-37
 - 13 National Science Foundation Summer Program
 - 14 Newsletter-Association for the Study of Marble and Other Stones in Antiquity
 - 15 Oklahoma Geological Survey
 - 16 Physical Properties of Carbonate Aggregate from Ohio
 - 17 Origin of the Chilean Nitrate Deposits
 - 18 Photo Geology Problems
 - 19 Photographic Interpretation Handbook
 - 20 Interpretation Manual Photographic Metrics
 - 21 Intelligence Orientation Handout
 - 22 Pressure-Birefringence Relationships in silicon Single Crystals
 - 23 The Reaction and Parameters of Lime
 - 24 Regeneration of Sulfate Limestone from FBCs
 - 25 Reynolds Denning – University of Michigan Geology Department
 - 26 Reynolds Denning-University of Michigan Geology Department
 - 27 Reynolds Denning – University of Michigan Geology Department
 - 28 Reynolds Denning – University of Michigan Geology Department
 - 29 Reynolds Denning – University of Michigan Geology Department
 - 30 Reynolds Denning – University of Michigan Geology Department
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- 18
 - 1 Seven Day Compressive Strengths of Cylinders
 - 2 Seven and Twenty –Eight Day Compressive Strength Tests of Cylinders
 - 3 Status Report of Compressive Strength Tests
 - 4 Seven Day Compressive Strength Test Results

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- 5 Seven Day Compressive Strength Test Results
- 6 Seven Day Compressive Strength Test Results 69-77
- 7 Results of X-Ray Diffraction Study of Hydration of Combinations of Cement Kiln Dust
- 8 Sigma Gamma Epsilon-The Compass
- 9 Silicate Articles
- 10 Society of Economic Paleontologists and Mineralogists Newsletter
- 11 Society for Organic Petrology
- 12 Society for Organic Petrology
- 13 Steel Processing Furnaces
- 14 Stone Articles
- 15 Report on Surface Area and Oxidation Rates for Carbon Blocks
- 16 Swedish Cement and Concrete Research Institute
- 17 Symposium-Michigan: It's Geology and Geological Resources
- 18 Transportation Research Record – 1434
- 19 Test Diagrams (Geology)
- 20 Training Department Manual and Procedures
- 21 Training Department Manual No. 6 – Map Projections
- 22 Tripoli Silica
- 23 Transportation Research Record
- 24 Twenty-Seventh Annual Field Conference-Ohio Academy of Science
- 25 Upper Rifle River Basin (Michigan) Evaluation
- 26 U.S. Naval Photographic Interpretation Manual – 1953-Terrain
- 27 U.S. Naval Photographic Interpretation Center Training Manual – 1953
- 28 U.S. Naval Photographic Interpretation Center Training Manual – 1953-Defenses
- 29 U.S. Naval Photographic Interpretation Center Training Manual – 1953-Communication
- 30 U.S. Naval Photographic Interpretation Center Training Manual – Investigating Damage-Urban