

15/11/26
Liberal Arts and Sciences
Geology
John Hower Papers, 1957-1980

Box 1:

American Association of Petroleum Geologists, Annual Meeting Programs, 1958, 1972-73, 1979
Contract with Petrobras, 1980

John Hower, Incoming Correspondence (3 items), 1978, 1981

John Hower, Manuscripts, Galley Proofs, ca. 1966-79

"K/Ar Studies of Gulf Coast Shales"

"A Thermodynamic Explanation for the Formation of Sedimentary Glauconite"

"Late Stage Dehydration in Deeply Buried Pelitic Sediments"

"The Mineralogy of Glauconite"

Clay Mineral Assemblages as Low Grade Metamorphic Geothermometers"

John Hower, Reprints of Articles, 1957-80

"Generalized X-Ray Emission Spectrographic Calibration Applicable to Varying Compositions and Sample Forms"

"The Effect of Environment on the Concentration of Skeletal Magnesium and Strontium in Dendroaster"

"Some Factors Concerning the Nature and Origin of Glauconite"

"Petrological Significance of Illite Polymorphism in Paleozoic Sedimentary Rocks"

"The Mineralogy of Illites and Mixed-Layer Illite/Montmorillonites"

"An Inherently Fibrous Polymer"

"High-Grade Diagenesis and Low-Grade Metamorphism of Illite in the Precambrian Belt Series"

"Burial Diagenesis in Gulf Coast Pelitic Sediments"

"An Explanation for Low Radiometric Ages from Glauconite"

"Cholesteryl Ester-Rich Inclusions from Human Aortic Fatty Streak and Fibrous Plaque Lesions of Atherosclerosis"

"Kinetics of Illite Formation"

"X-Ray Diffraction Identification of Mixed-Layer Clay Minerals"

Maps

National Clay Conference Proceedings, 1961-80

Notes: Chapter on Clay Mineral Petrology for Brindley Book, 1978

Notes: Mixed-Layer Clays Lecture, 1975

Programs and Abstracts, 1970, 1973, 1976, 1980

Including Symposium on "Diagenesis of Sandstones and Shales," American Geophysical Union Annual meeting, "Zeolite-76," and "Perspectives in Geology"

Symposium of Illinois State Geological Survey

Programs of Geological Society of American Annual Meetings, 1961, 1969, 1979, 1980

Proposals for Financial Support, 1965-67

Sixth International Clay Conference, Oxford, England, 1978

Nuclear Physics (Published Notes of Course Taught by Enrico Fermi), 1949

John B. Hayes Articles, 1964, 1966, 1970

Hsueh-Wen Yeh Article, ca. 1979

American Geological Institute, Directory of Geoscience Departments, 1977

American Geophysical Union, Annual Meeting Transactions, 1973

Doctoral and M.S. Theses, 1959, 1961, 1964, 1983

Including Kimberlee J. Miskell (University of Miami), Don M. Triplehorn (University of Illinois), James A. Kelley (Montana State University), and Richard B. Berg (Montana State University).