



Fourth Annual

**American
Mining Hall of Fame
Awards Presentation
and Banquet**

December 6, 1986

Program

Hosted* Reception..... 6:30 p.m.

Banquet Dinner..... 7:30 p.m.

Ceremony..... 9:00 p.m.

Welcoming Remarks

Introduction of Head Table and Other Honored Guests

Presentation of Appreciation

Presentation of 1986 Inductees — Fred Searls, Jr.
John C. Greenway

Introduction of 1986 Recipient — John C. Duncan

Featured Address — John C. Duncan

Cyprus in Arizona

Adjournment



Sponsored by:
Mining Club of the Southwest Foundation, Inc.

* Hosted by Modular Mining Systems, Inc.

American Mining Hall of Fame



John C. Duncan

1986 Recipient

John C. Duncan, a 1942 graduate of Yale University, began his business career in 1946 at W. R. Grace & Co., after service as a field artillery officer in China and Burma during World War II. After eight years in Peru where he was head of W. R. Grace's extensive sugar operations, Mr. Duncan became Group Executive in charge of Grace's entire Latin American operations, which included sugar, chemicals, paint, textiles, paper, steamship and airlines, and tungsten and tin mining.

In 1971 he became president of St. Joe Minerals Corporation, from which he retired as Chairman and Chief Executive Officer in 1982 after the completion of St. Joe's merger with Fluor Corporation. He was responsible for the expansion and modernization of St. Joe's U.S. lead, zinc, and iron mines, for its entrance into coal, oil and gas production, and for foreign mining investments including the El Indio gold mine in Chile and a one-third interest in a copper, zinc, lead and silver mine in Australia.

On July 1, 1985 Mr. Duncan became Chairman of the Board of Cyprus Minerals Company which was spun off by Amoco Corporation on that date. He has assisted the senior management of Cyprus in making it one of the nation's most aggressive mining companies, producing copper, molybdenum, coal, and industrial minerals. In the past year Cyprus doubled its copper and molybdenum production capacity in Arizona through the acquisition of the Sierrita mine.



Mining Club of the Southwest Foundation
Tucson, Arizona December 6, 1986

American Mining Hall of Fame



Fred Searls, Jr.

1888-1968

1986 Inductee

Fred Searls, Jr. was born in Nevada City, California, graduated from the University of California and became one of the truly eminent geologists and mine finders of his generation.

Shortly after World War I service, he became associated with Col. William Boyce Thompson, founder of Newmont Mining Corporation. He joined the company in 1925 and served as President from 1947 until 1953 and Chairman from 1953 until his retirement in 1966.

During World War II Mr. Searls was a dollar a year man serving as special assistant to Ferdinand Eberstadt, vice chairman of the War Production Board, and as a consultant to Secretary of State James F. Byrnes. In 1951 he was mining and minerals assistant to Charles E. Wilson, Defense Mobilization Director. He was director and officer of numerous domestic and foreign mining companies, and, as an alternate member of the United States Atomic Energy Commission, he witnessed the Bikini Atoll H-bomb test. In 1947 he was awarded the Medal of Merit from the U.S. Government. He was the 1946 recipient of the Saunders Medal from AIME, and in 1965 was elected to its Legion of Honor.



Mining Club of the Southwest Foundation

Tucson, Arizona

December 6, 1986

American Mining Hall of Fame



John Campbell Greenway

1872-1926

1986 Inductee

Graduated from the Sheffield Scientific School of Yale University, in 1895. John Greenway entered the mineral industry as a furnace helper for the Carnegie Steel Company. His engineering skills combined with strong leadership qualities positioned him early in his professional career as a developer of iron mining facilities on the western Mesabi Range of northern Minnesota.

Shifting his attention from iron to copper, Greenway later became the General Manager of the Calumet and Arizona Mining Company. At the New Cornelia mine, he supervised the development and construction of the first successful copper leaching plant in North America.

Greenway is credited with building three major mining communities and having patented four inventions significant to the mineral industry. He is remembered for his unselfishness and loyalty to the mining profession; his generosity is reflected in a bequest, at his death, of \$100,000 to the employees of the New Cornelia Copper Company.



John C. Greenway was the first Arizonan honored in Statuary Hall in Washington, D.C.

Mining Club of the Southwest Foundation

Tucson, Arizona

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American Mining Hall of Fame

1983 Recipient

George E. Atwood

1984 Recipient

Charles F. Barber

1985 Recipient

George B. Munroe

1983-1985 Inductees

Maxie L. Anderson

1934-1983

Henry Krumb

1875-1958

James Douglas

1837-1918

Waldemar Lindgren

1860-1939

Charles F. Fogarty

1921-1981

Curtis H. Lindley

1850-1920

Antoine M. Gaudin

1896-1974

Seeley W. Mudd

1861-1926

Hal W. Hardinge

1855-1943

Arthur F. Taggart

1884-1959

Daniel C. Jackling

1869-1956

Herbert C. Hoover

1874-1964

Ira B. Joralemon

1884-1975

Robert H. Richards

1844-1945

Mining Club of the Southwest and American Mining Hall of Fame

It could be said that a mining club in the southwest had its beginnings when the Spanish conquistadores came into the area with minerals on their minds and swapped ideas over a bottle of wine. For the last 100 years miners have talked about a place where they could get together. As copper production in the southwest grew and centered about Tucson, so did the need for a mining club.

The Mining Club of the Southwest, as it now exists, was spawned in late 1970 by a group of Tucson based engineers, metallurgists and geologists; opened its door officially on February 1, 1971; and was incorporated by the State of Arizona on February 22, 1971.

The Mining Club of the Southwest is governed by a group of 24 Board members who serve for a term of three years; one-third of which are elected at the annual meeting each year in February. The immediate past president acts as the 25th governor. Officers and committee chairmen are chosen from members of the Board.

Several allied groups use the Club meeting rooms regularly. Such groups are Southwestern Minerals Exploration Association, Arizona Prospector and Small Mine Operators Association, and Women in Mining. Many groups schedule occasional meetings in the Club quarters.

In the fall of 1981 the Mining Club of the Southwest sponsored the highly successful Second Mexican Mining Rail Excursion. Participants visited mines, mills and smelters throughout Mexico during the specially arranged two-week tour, and enjoyed unforgettable hospitality from their Mexican hosts.

Shortly thereafter the MCSW Foundation was established to allow for tax deductible contributions to be used for charitable and educational purposes. This year's gift has been earmarked for safety rehabilitation at the University's San Xavier experimental mine. On December 3, 1983, the American Mining Hall of Fame was inaugurated to honor significant contributors to the industry and profession, to provide a forum for better public understanding of the industry, and to raise funds to endow charitable and educational activities of the Foundation.

Currently the American Mining Hall of Fame may be visited at the headquarters of the Mining Club of the Southwest. Leading mining companies, members and friends have donated photographs, artifacts and mineral specimens which give the Club decor its unique flavor and appeal and adds to the authentic atmosphere.

1986 MCSW Officers

Michael N. Greeley, *President*

William C. Peters, *First Vice President*

James D. Loghry, *Second Vice President*

Charles F. Thompson, *Treasurer*

David D. Rabb, *Secretary*

1986 Hall of Fame Committee

John C. Lacy, *Chairman*

Kenneth G. Arne

Martin C. Kuhn

Walter E. Heinrichs

R. Brantley Sudderth