## ANNUAL REPORTS OF THE DIRECTOR, BUREAU OF MINES

†DAR 1911. First Annual Report of the Director of the Bureau of Mines to the Secretary of the In-

terior, for the Fiscal Year Ended June 30, 1911.

Joseph A. Holmes, Director. 1912. 57 pp., 1 fig.

†DAR 1912. Second Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1912.

Joseph A. Holmes, Director. 1913. 88 pp. †DAR 1913. Third Annual Report of the Director of the Bureau of Mines to the Secretary of the In-terior, for the Fiscal Year Ended June 30, 1913. Joseph A. Holmes, Director. 1914. 118 pp., 1 pl.

†DAR 1914. Fourth Annual Report of the Director of

the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1914.

Joseph A. Holmes, Director. 1914. 101 pp.

DAR 1915. Fifth Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1915.

Legaph A. Holmes, Director 1015. 108 pp. 1 for 1 pp.

Joseph A. Holmes, Director. 1915. 106 pp., I fig., I pl. †DAR 1916. Sixth Annual Report of the Director of the Bureau of Mines to the Secretary of the In-terior, for the Fiscal Year Ended June 30, 1916. Van. H. Manning, Director. 1916. 96 pp., 1 pl. †DAR 1917. Seventh Annual Report of the Director of

†DAR 1917. Seventh Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1917. Van. H. Manning, Director. 1917. 106 pp. †DAR 1918. Eighth Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1918. Van. H. Manning, Director. 1918. 124 pp. †DAR 1919. Ninth Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1919. Van. H. Manning, Director. 1919. 120 pp., 1 pl.

Van. H. Manning, Director. 1919. 120 pp., 1 pl.
†DAR 1920. Tenth Annual Report of the Director of
the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1920.
Frederick G. Cottrell, Director. 1920. 149 pp., 2 figs.,

2 pis.
†DAR 1921. Eleventh Annual Report of the Director of
the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1921.
H. Foster Bain, Director. 1921. 133 pp., 1 pl.
†DAR 1922. Twelfth Annual Report of the Director of
the Bureau of Mines to the Secretary of the In-

terior, for the Fiscal Year Ended June 30, 1922. H. Foster Bain, Director. 1922. 33 pp., 1 pl.

†DAR 1923. Thirteenth Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1923.

H. Foster Bain, Director. 1923. 21 pp., 1 pl.
†DAR 1924. Fourteenth Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1924. H. Foster Bain, Director. 1924. 57 pp., 1 pl.

†DAR 1925. Fifteenth Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1925. D. A. Lyon, Acting Director. 1925. 70 pp., 1 pl.

†DAR 1926. Sixteenth Annual Report of the Director of the Bureau of Mines to the Secretary of Com-merce, for the Fiscal Year Ended June 30, 1926. Scott Turner, Director. 1926. 46 pp., 1 pl.

†DAR 1927. Seventeenth Annual Report of the Director of the Bureau of Mines to the Secretary of Commerce, for the Fiscal Year Ended June 30, 1927. Scott Turner, Director. 1927. 48 pp., 1 pl. †DAR 1928. Eighteenth Annual Report of the Director

of the Bureau of Mines to the Secretary of Commerce, for the Fiscal Year Ended June 30, 1928. Scott Turner, Director. 1928. 57 pp., 2 figs., 1 pl.

†DAR 1929. Nineteenth Annual Report of the Director of the Bureau of Mines to the Secretary of Commerce, for the Fiscal Year Ended June 30, 1929. Scott Turner, Director. 1929. 63 pp., 2 figs., 1 pl.

†DAR 1930. Twentieth Annual Report of the Director of the Bureau of Mines to the Secretary of Commerce, for the Fiscal Year Ended June 30, 1930. Scott Turner, Director. 1930. 54 pp., 2 figs., 1 pl.

†DAR 1931. Annual Report of the Director of the Bureau of Mines to the Secretary of Commerce, for the Fiscal Year ended June 30, 1931. Scott Turner, Di-

rector. 1931. 61 pp., 2 figs., 1 pl.
†DAR 1932. Annual Report of the Director of the Bureau of Mines to the Secretary of Commerce, for the Fiscal Year Ended June 30, 1932. Scott Turner, Di-

rector. 1932. 30 pp., 2 figs.

†DAR 1933. Annual Report of the Director of the Bureau of Mines to the Secretary of Commerce, for the Fiscal Year Ended June 30, 1933. Scott Turner, Director. (Reprinted from the Annual Report of the Secretary of Commerce, 1933. Pp. 165-190.)

†DAR 1934. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1934. Scott Turner, Director. (Included in Annual Report of the Secretary of the Interior for the Fiscal Year Ended June 30, 1934. Pp. 305–340. Not reprinted.)

†DAR 1935. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1935. John W. Finch, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1935. Pp. 341-380.)

†DAR 1936. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1936. John W. Finch, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1936. Pp. 347-

†DAR 1937. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1937. John W. Finch, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1937. Pp. 114-150.1

†DAR 1938. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1938. John W. Finch, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1938. Pp. 173-208.1

†DAR 1939. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1939. John W. Finch, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1939. Pp. 232-

<sup>†</sup>Out of print.

tDAR 1940. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1940. R. R. Sayers, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1940. Pp. 1-38.)
tDAR 1941. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for

†DAR 1941. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1941. R. R. Sayers, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1941. Pp. 129–176.)

Secretary of the Interior, 1941. Pp. 129-176.)
†DAR 1942. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1942. R. R. Sayers, Director. (Reprinted from the Annual Report of the Director. (Reprinted From the Annual Report of the Director. 1942. Pp. 69-99.)

Secretary of the Interior, 1942. Pp. 69-99.)
†DAR 1943. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1943. R. R. Sayers, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1943. Pp. 1-30.)

Director. (Reprinted from the Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1944. R. R. Sayers, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1944. Pp. 67-100.)

DAR 1945. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1945. R. R. Sayers, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1945. Pp. 71-103.)

DAR 1946. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1946. R. R. Sayers, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1946. Pp. 155-190.)

Secretary of the Interior, 1946. Pp. 155-190.)

DAR 1947. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1947. R. R. Sayers, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1947. Pp. 179-205.)

†DAR 1948. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1948. James Boyd, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1948. Pp. 165–195.)
†DAR 1949. Annual Report of the Director of the Bureau of Mines and Secretary of the Secretary of

†DAR 1949. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1949. James Boyd, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1949. Pp. 131–164.)

†DAR 1950. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1950. James Boyd,

Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1950. Pp. 185-168.)

Secretary of the Interior, 1950. Pp. 186-186.)
†DAR 1951. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1951. James Boyd., Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1951. Pp. 157-187.)

the Secretary of the Interior, 1802. 1p. 16.

†DAR 1952. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1952. John J. Forbes, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1952. Pp. 187-

†DAE 1953. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior, for the Fiscal Year Ended June 30, 1953. John J. Forbes, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1953. Pp. 91–120.)

DAR 1954. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior for the Fiscal Year Ended June 30, 1954. John J. Forbes, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1954. Pp. 171–201)

DAR 1955. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior for the Fiscal Year Ended June 30, 1955. John J. Forbes, Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1955. Pp. 179-

DAR 1956. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior for the Fiscal Year Ended June 30, 1956. Thos. H. Miller, Acting Director. (Reprinted from the Annual Report of the Secretary of the Interior, 1956.

DAR 1957. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior for The Fiscal Year Ended June 30, 1957. Marling J. Ankeny, Director. (Reprinted from the Annual Report of the Secretary of the Interior for the Fiscal Year Ended June 30, 1957. Pp. 169–211.)

DAR 1958. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior for the Fiscal Year Ended June 30, 1958. Marling J. Ankeny, Director. (Reprinted from the Annual Report of the Secretary of the Interior for the Fiscal Year Ended June 30, 1958. Pp. 139–183.)

DAR 1959. Annual Report of the Director of the Bureau of Mines to the Secretary of the Interior for the Fiscal Year Ended June 30, 1959. Marling J. Ankeny, Director. (Reprinted from the Annual Report of the Secretary of the Interior for the Fiscal Year Ended June 30, 1959. Pp. 161–208.)

†Out of print.