

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUMMARIES OF DATA ON AND LISTS OF REFERENCES TO
METALLIC AND SELECTED NONMETALLIC MINERAL OCCURRENCES
IN THE HUGHES, KOTZEBUE, MELOZITNA, SELAWIK, AND
SHUNGNAK QUADRANGLES, WEST-CENTRAL ALASKA,
SUPPLEMENT TO OPEN-FILE REPORT 75-627

PART B -- LISTS OF REFERENCES TO JANUARY 1, 1981

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Open-File Report 81-847B
1981

This report is preliminary and has not been reviewed
for conformity with U.S. Geological Survey editorial
standards and nomenclature.

Introduction

This report was prepared as a supplement to a 1975 report which summarized data on mineral occurrences in part of west-central Alaska (Cobb, E. H., 1975, Summary of references to mineral occurrences (other than mineral fuels and construction materials) in five quadrangles in west-central Alaska (Hughes, Kotzebue, Melozitna, Selawik, Shungnak): U.S. Geological Survey Open-File Report 75-627, 57 p.). As a result of suggestions from users of the series of which the 1975 report is a part, this supplement is released in two parts; Part A, which presents summaries of data to January 1, 1981, and Part B, which consists of reference lists for each occurrence.

In Part A data from most reports released between the cut-off date (January 1, 1975) for the original report and January 1, 1981, have been incorporated in new or rewritten summaries where appropriate. For each occurrence described in Part A, the name, U.S. Bureau of Mines mining district, reference (if any) that has the occurrence plotted on a map at a scale of 1:250,000, list of mineral commodities, and location data are in the same format as in the 1975 report. Also included at the end of Part A are updated lists of synonyms, owners, operators, and claim names.

In both parts citations are in standard bibliographic format with the exception that references to reports and maps in numbered publication series also show, in parentheses, an abbreviation for the report or map series and the number of the report or map. Abbreviations used are:

AOF	Alaska Division of Geological and Geophysical Surveys Open-File Report
B	U.S. Geological Survey Bulletin
C	U.S. Geological Survey Circular
GR	Alaska Division of Geological and Geophysical Surveys (and predecessor agencies) Geologic Report
I	U.S. Geological Survey Miscellaneous Investigations Map
OF	U.S. Geological Survey Open-File Report
MF	U.S. Geological Survey Miscellaneous Field Studies Map
P	U.S. Geological Survey Professional Paper
TDM	Alaska Territorial Department of Mines Pamphlet
USBM OF	U.S. Bureau of Mines Open-File Report

In Part B each citation to the principal references used in preparing summaries in Part A is preceded by an asterisk. The form of citation used in the reference list for each occurrence is considered sufficient identification for each numbered report or map to be found easily in most libraries. Complete references to reports without identifying numbers are listed at the end of Part B.

The following four U.S. Bureau of Mines Open-File Reports were not used in preparing this supplement because descriptions of most occurrences are not sufficiently detailed to allow evaluation of deposits. In many descriptions it is not possible to determine if a potentially valuable mineral was identified or if the report is based solely on an analysis of a sample collected during a geochemical survey. Most specific data are also in other reports, such as Grybeck, 1977 (OF 77-166C) and Eberlein and others, 1977 (OF 77-168D).

Staff, Alaska Field Operations Center, 1978, Mineral data appraisal of the proposed Noatak National Ecological Reserve, Alaska: a preliminary comment: U.S. Bureau of Mines Open-File Report 67-78, 33 p.

_____, 1978, Mineral appraisal of the proposed Gates of the Arctic Wilderness National Park, Alaska: a preliminary comment: U.S. Bureau of Mines Open-File Report 109-78, 29 p.

_____, 1978, Mineral appraisal of the proposed Kobuk Valley National Park, Alaska: a preliminary comment: U.S. Bureau of Mines Open-File Report 110-78, 31 p.

_____, 1979, Mineral appraisal of the proposed Selawik National Wildlife Refuge, Alaska: a preliminary comment: U.S. Bureau of Mines Open-File Report 22-79, 7 p.

HUGHES QUADRANGLE

(Bear Cr.)

- Brooks, 1923 (B 739), p. 41
U.S. Geological Survey, 1965 (P 525-A), p. A102
Patton and Miller, 1966 (I-459)
*Miller and Ferrians, 1968 (C 570), p. 9
Cobb, 1970 (MF-458), loc. 7
Cobb, 1973 (B 1374), p. 144-145
Cobb, 1975 (OF 75-627), p. 5
Cobb, 1977 (OF 77-168B), p. 27, loc. 1
*Eakin and others, 1977 (AOF 109), p. E-16
Eberlein and others, 1977 (OF 77-168D), p. 52, loc. 1
*Grybeck, 1977 (OF 77-166C), p. 24, loc. 7
Miller and Elliott, 1977 (OF 77-428), p. 2
*Staatz and others, 1977, p. 623-625
Eberlein and Menzie, 1978 (OF 78-1-D), p. 22
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(Black Cr.)

- Eakin, 1914 (B 592), p. 383
Brooks, 1916 (B 642), p. 65
Eakin, 1916 (B 631), p. 83-84
Martin, 1919 (B 692), p. 39
Miller and Ferrians, 1968 (C 570), p. 5-6
Cobb, 1972 (MF-458), locs. 4, 10
*Cobb, 1975 (OF 75-627), p. 6
Cobb, 1977 (OF 77-168B), p. 27, loc. 6
*Eberlein and others, 1977 (OF 77-168D), p. 52, locs, 2, 3
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(Felix Fork) (Cr.)

- Brooks, 1912 (B 520), p. 38
Smith, 1913 (B 536), p. 143
Martin, 1919 (B 692), p. 39
Cobb, 1972 (MF-458), loc. 10
*Cobb, 1975 (OF 75-627), p. 7
Cobb, 1977 (OF 77-168B), p. 27, loc. 6
Eberlein and others, 1977 (OF 77-168D), p. 52, loc. 7
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(Helpmejack Cr.)

- *Mendenhall, 1902 (P 10), p. 50
Cobb, 1972 (MF-458), loc. 12
Cobb, 1973 (B 1374), p. 158
Cobb, 1975 (OF 75-627), p. 8

(Hughes Bar)

- Schrader, 1900, p. 483
Schrader, 1904 (P 20), p. 98
*Maddren, 1910 (B 442), p. 297
Smith, 1913 (B 536), p. 142
Reed, 1938, p. 163
Cobb, 1972 (MF-458), loc. 8
Cobb, 1973 (B 1374), p. 144
Cobb, 1975 (OF 75-627), p. 9
Cobb, 1977 (OF 77-168B), p. 27, loc. 3
Eberlein and others, 1977 (OF 77-168D), p. 52, loc. 4
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(Indian R.)

- Smith, 1913 (B 536), p. 143
Eakin, 1914 (B 592), p. 383-384
Brooks, 1916 (B 642), p. 65
*Eakin, 1916 (B 631), p. 82-84
*Martin, 1919 (B 692), p. 39
*Joesting, 1942 (TDM 1), p. 29
*U.S. Geological Survey, 1965 (P 525-A), p. A102
*Patton and Miller, 1966 (I-459)
Berg and Cobb, 1967 (B 1246), p. 226
*Miller and Ferrians, 1968 (C 570), p. 5-6
Cobb, 1972 (MF-458), loc. 5, 6, 10
Cobb, 1973 (B 1374), p. 144-145
Cobb, 1975 (OF 75-627), p. 10
*Cobb, 1977 (OF 77-168B), p. 27, loc. 6
Eberlein and others, 1977 (OF 77-168D), p. 52, locs. 5-7
Eberlein and Menzie, 1978 (OF 78-1-D), p. 22
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(Lake Selby)

- *Patton and Miller, 1966 (I-459), loc. 4
Berg and Cobb, 1967 (B 1246), p. 106
Cobb, 1972 (MF-458), loc. 1
Cobb, 1975 (OF 75-627), p. 11
Grybeck, 1977 (OF 77-166C), p. 24, loc. 10
Degenhart and others, 1978 (USBM OF 103-78), p. 138
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(Pocahontas Cr.)

- Eakin, 1916 (B 631), p. 83
Cobb, 1972 (MF-458), loc. 9
Cobb, 1975 (OF 75-627), p. 12
Cobb, 1977 (OF 77-168B), p. 27, loc. 5
*Eberlein and others, 1977 (OF 77-168D), p. 52, loc. 8

(Red Mtn.)

- Eakin, 1914 (B 592), p. 383
*Eakin, 1916 (B 631), p. 82
Reed, 1938, p. 163
Conn, 1972 (MF-458), loc. 11
Cobb, 1975 (OF 75-627), p. 13
Cobb, 1977 (OF 77-168B), p. 27, loc. 4
Eberlein and others, 1977 (OF 77-168D), p. 52, loc. 9
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(Red Mountain Cr.)

- *Patton and Miller, 1966 (I-459), loc. 3
Berg and Cobb, 1967 (B 1246), p. 226
Cobb, 1972 (MF-458), loc. 3
Cobb, 1975 (OF 75-627), p. 14
Eberlein and others, 1977 (OF 77-168D), p. 52, loc. 10
Grybeck, 1977 (OF 77-166C), p. 24, loc. 8
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(Reed R.)

- Smith, 1932 (B 824), p. 50
Smith, 1933 (B 836), p. 51
*Cobb, 1975 (OF 75-627), p. 15
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(Rocky Bottom Cr.)

- *Mendenhall, 1902 (P 10), p. 50
Cobb, 1972 (MF-458), loc. 13
Cobb, 1973 (B 1374), p. 158
Cobb, 1975 (OF 75-627), p. 16
Cobb, 1977 (OF 77-168B), p. 27, loc. 2
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(Snyder Cr.)

- Brooks, 1912 (B 520), p. 38
Smith, 1913 (B 536), p. 143
Cobb, 1972 (MF-458), loc. 10
*Cobb, 1975 (OF 75-627), p. 17
Cobb, 1977 (OF 77-168B), p. 27, loc. 6
-

(Zane Hills)

- *Miller and Ferrians, 1968 (C 570), p. 8, samples 9-12
Miller and Bunker, 1975 (OF 75-216), table 1, loc. 17
Miller, 1976 (OF 76-246), p. 2

Staatz and Miller, 1976 (C 733), p. 39-40
U.S. Geological Survey, 1976 (P 1000), p. 35
Eberlein and others, 1977 (OF 77-168D), p. 52, locs. 11, 12
Grybeck, 1977 (OF 77-166C), p. 24, locs. 2, 4
*Miller and Elliott, 1977 (OF 77-428)
*Staatz and others, 1977
Grybeck and DeYoung, 1978 (OF 78-1-B), p. 5

Unnamed occurrence, manganese, at 67°00'N, 153°53'W

*Patton and Miller, 1966 (I-459), loc. 5
Cobb, 1972 (MF-458), loc. 2
Cobb, 1975 (OF 75-627), p. 18

KOTZEBUE QUADRANGLE

(Alder Cr.)

Mendenhall, 1902 (P 10), p. 51
Moffit, 1904 (B 225), p. 78-79
Moffit, 1905 (B 247), p. 65-66
Smith, 1930 (B 810), p. 34
Berryhill, 1962, p. 3, 5, 7
Cobb, 1972 (MF-421)
Cobb, 1973 (B 1374), p. 72-73
*Cobb, 1975 (OF 75-627), p. 19
Hudson and others, 1977 (OF 77-796B), p. 11, loc. 123

(Rex Point)

*Berryhill, 1962, p. 6, 12
Cobb, 1975 (OF 75-627), p. 20

MELOZITNA QUADRANGLE

(Batza Slough)

*Miller and Ferrians, 1968 (C 570), p. 6
Cobb, 1972 (MF-396), loc. 1
Cobb, 1973 (B 1374), p. 144
Cobb, 1975 (OF 75-627), p. 21
Cobb, 1977 (OF 77-168B), p. 35, loc. 1
Eberlein and others, 1977 (OF 77-168D), p. 78, loc. 1

(Florence Bar)

Schrader, 1900, p. 483
*Schrader, 1904 (P 20), p. 98

*Maddren, 1910 (B 442), p. 197
Smith, 1913 (B 536), p. 142
Cobb, 1972 (MF-396), loc. 2
Cobb, 1973 (B 1374), p. 144
Cobb, 1975 (OF 75-627), p. 22
Cobb, 1977 (OF 77-168B), p. 35, loc. 2
Eberlein and others, 1977 (OF 77-168D), p. 78, loc. 2
Chapman and Patton, 1978 (OF 78-699), p. 1

(Fox Cr.)

Eberlein and others, 1977 (OF 77-168D), p. 78, loc. 3
*Patton and others, 1978 (I-1071) [Cited for regional geology only]

(Golden Cr.)

*Chapman and others, 1963, p. 16
Cobb, 1972 (MF-396), loc. 7
Cobb, 1974 (B 1374), p. 163
Cobb, 1975 (OF 75-627), p. 23
Cobb, 1977 (OF 77-168B), p. 35, loc. 7
Eberlein and others, 1977 (OF 77-168D), p. 78, loc. 4
Chapman and Patton, 1978 (OF 78-699), p. 1
*Patton and others, 1978 (I-1071) [Cited for regional geology only]

(Hochandochtla Mtn.)

*Chapman and Patton, 1978 (OF 78-699), p. 1
*Patton and others, 1978 (I-1071) [Cited for regional geology only]

(Illinois Cr.)

Brooks, 1911 (P 70), p. 184
Eakin, 1912 (B 520), p. 281
Eakin, 1913 (B 535), p. 34
Chapman and others, 1963, p. 16
Cobb, 1972 (MF-396), loc. 6
Cobb, 1975 (OF 75-627), p. 24
Cobb, 1977 (OF 77-168B), p. 35, loc. 6
*Eberlein and others, 1977 (OF 77-168D), p. 78, loc. 5
Chapman and Patton, 1978 (OF 78-699), p. 1

(Mason Cr.)

*Maddren, 1909 (B 379), p. 237
Brooks, 1910 (B 442), p. 44
Maddren, 1910 (B 410), p. 83
Brooks, 1911 (P 70), p. 184

- Martin, 1919 (B 692), p. 39
Martin, 1920 (B 712), p. 22, 47-48
Smith, 1929 (B 797), p. 23
Smith, 1932 (B 824), p. 40
Smith, 1933 (B 836), p. 42
Smith, 1933 (B 844-A), p. 41
Smith, 1934 (B 857-A), p. 39
Smith, 1934 (B 864-A), p. 43
Joesting, 1942 (TDM 1), p. 34
*Chapman and others, 1963, p. 33-35
Cobb, 1972 (MF-396), locs. 4, 5
Cobb, 1973 (B 1374), p. 163
Cobb, 1975 (OF 75-627), p. 25
Cobb, 1977 (OF 77-168B), p. 35, locs. 4, 5
Eberlein and others, 1977 (OF 77-168D), p. 78, loc. 6
Chapman and Patton, 1978 (OF 78-699), p. 1
*Patton and others, 1978 (I-1071) [Cited for regional geology only]
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(Melozimoran Cr.)

- *Chapman and others, 1963, p. 16
Cobb, 1975 (OF 75-627), p. 26
Eberlein and others, 1977 (OF 77-168D), p. 78, loc. 7
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(Sun Mtn.)

- *Miller and Ferrians, 1968 (C 570), p. 6
Cobb, 1975 (OF 75-627), p. 27
Eberlein and others, 1977 (OF 77-168D), p. 78, loc. 8
Chapman and Patton, 1978 (OF 78-699), p. 1
*Patton and others, 1978 (I-1071) [Cited for regional geology only]
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(Utopia Cr.)

- Brooks, 1916 (B 642), p. 65
Eakin, 1916 (B 631), p. 83-84
Smith, 1938 (B 897-A), p. 54
Smith, 1939 (B 910-A), p. 56
Smith, 1939 (B 917-A), p. 55
Smith, 1941 (B 926-A), p. 52
Smith, 1942 (B 933-A), p. 47
*Miller and Ferrians, 1968 (C 570), p. 3, 5
Cobb, 1972 (MF-396), loc. 3
*Cobb, 1973 (B 1374), p. 144-145
Cobb, 1975 (OF 75-627), p. 28
*Cobb, 1977 (OF 77-168B), p. 35, loc. 3
Eberlein and others, 1977 (OF 77-168D), p. 78, loc. 9
Chapman and Patton, 1978 (OF 78-699), p. 1
Eberlein and Menzie, 1978 (OF 78-1-D), p. 22
*Patton and others, 1978 (I-1071) [Cited for regional geology only]
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Unnamed occurrence, thorium, uranium, at 65°16'N, 154°19'W approx.

*Eberlein and others, 1977 (OF 77-168D), p. 78, loc. 10

*Patton and others, 1978 (I-1071) [Cited for regional geology only]

SELAWIK QUADRANGLE

(Hunt Cr.)

*Elliott and Miller, 1969, p. 6

Cobb, 1972 (MF-406)

Cobb, 1975 (OF 75-627), p. 29

Eakins and others, 1977 (AOF 109), p. E-15

Grybeck, 1977 (OF 77-166C), p. 13, loc. 10

(Inland Lake)

*Miller and Bunker, 1975 (OF 75-216), table 1, loc. 15. See also (Selawik Lake).

(Selawik Hills)

*Miller and Bunker, 1975 (OF 75-216), table 1, locs. 7-13

*Miller, 1976 (OF 76-246), p. 3

*Eakins and others, 1977 (AOF 77-109), p. 30-31

*Grybeck, 1977 (OF 77-166C), p. 13, loc. 4

*Staatz and others, 1977, p. 623-626

Grybeck and DeYoung, 1978 (OF 78-1-B), p. 5

Wallace, 1979 (OF 79-1653), p. 4

(Selawik Lake)

*Miller and Bunker, 1975 (OF 75-216), table 1, loc. 14

*Eakins and others, 1977 (AOF 109), p. 30 (Called Inland Lake pluton here.)

SHUNGNAC QUADRANGLE

(California Cr.)

Cathcart, 1920 (B 712), p. 197-198

Martin, 1920 (B 712), p. 52

Brooks and Capps, 1924 (B 755), p. 49

Brooks, 1925 (B 773), p. 52

Moffit, 1927 (B 792), p. 23

Smith, 1929 (B 797), p. 28

Smith, 1930 (B 810), p. 37

Smith, 1930 (B 813), p. 44

Smith and Mertie, 1930 (B 815), p. 325

Reed, 1931, p. 25-27
Smith, 1932 (B 824), p. 49
Smith, 1933 (B 836), p. 51
Smith, 1933 (B 844-A), p. 51-52
Smith, 1934 (B 857-A), p. 48
Smith, 1937 (B 880-A), p. 58
Smith, 1938 (B 897-A), p. 68
Smith, 1942 (B 933-A), p. 64
Anderson, 1945 (TDM 3-R), p. 13, 25
Anderson, 1947 (TDM 5-R), p. 14, 47
Fritts, 1969 (GR 37), p. 28
Fritts, 1970 (GR 39), p. 57
Cobb, 1972 (MF-448), loc. 16
Cobb, 1973 (B 1374), p. 59-60
*Cobb, 1975 (OF 75-627), p. 30-31
Cobb, 1977 (OF 77-168B), p. 46, loc. 5
Grybeck, 1977 (OF 77-166C), p. 19, loc. 4
*Mayfield and Grybeck, 1978 (OF 78-120I), loc. 34

(Cosmos Cr.)

*Anderson, 1945 (TDM 3-R), p. 26
Cobb, 1975 (OF 75-627), p. 32
Cobb, 1977 (OF 77-168B), p. 46, loc. 2
Grybeck, 1977 (OF 77-166C), p. 19, loc. 1

(Dahl Cr.)

Brooks, 1909 (B 379), p. 59
Brooks, 1910 (B 442), p. 46
Smith and Eakin, 1911 (B 480), p. 292-294
Brooks, 1912 (B 520), p. 42
Smith, 1913 (B 536), p. 126-129
Brooks, 1914 (B 592), p. 72
Brooks, 1916 (B 642), p. 71
Martin, 1919 (B 692), p. 42
Brooks and Martin, 1921 (B 714), p. 95
Brooks, 1922 (B 722), p. 67
Brooks and Capps, 1924 (B 755), p. 49
Brooks, 1925 (B 773), p. 51
Moffit, 1927 (B 792), p. 23
Smith, 1929 (B 797), p. 28
Smith, 1930 (B 810), p. 37
Smith, 1930 (B 813), p. 44
Smith and Mertie, 1930 (B 815), p. 322-324
Reed, 1931, p. 18-22
Smith, 1932 (B 824), p. 49
Smith, 1933 (B 836), p. 51-52
Smith, 1933 (B 844-A), p. 51-52
Smith, 1934 (B 857-A), p. 48
Smith, 1934 (B 864-A), p. 53-54

Smith, 1936 (B 868-A), p. 55
Smith, 1937 (B 880-A), p. 58
Smith, 1938 (B 897-A), p. 68
Smith, 1939 (B 910-A), p. 72-73
Smith, 1939 (B 917-A), p. 71
Smith, 1941 (B 926-A), p. 67
Smith, 1942 (B 933-A), p. 64)
Coats, 1944, p. 2-3
Anderson, 1945 (TDM 3-R), p. 25-26
Anderson, 1947 (TDM 5-R), p. 18, 23
Fritts, 1969 (GR 37), p. 4-5, 18, 26-29
Fritts, 1970 (GR 39), p. 28, 54-56, 58, 60-61, 64
Cobb, 1972 (MF-448), locs. 13, 14
Cobb, 1973 (B 1374), p. 59-60
*Cobb, 1975 (OF 75-627), p. 33-34, 41
Cobb, 1977 (OF 77-168B), p. 46, loc. 3
*Grybeck, 1977 (OF 77-166C), p. 19, loc. 3
Degenhart and others, 1978 (USBM OF 103-78), p. 64
Mayfield and Grybeck, 1978 (OF 78-120I), loc. 30

(Dakli)

*Miller and Ferrians, 1968 (C 570), p. 6, 8 (locs. 1-3)
Cobb, 1972 (MF-448), locs. 8-10
Cobb, 1975 (OF 75-627), p. 35
Eberlein and others, 1977 (OF 77-168D), p. 95, loc. 1
Grybeck, 1977 (OF 77-166C), p. 20, loc. 9

(Ekiek Cr.)

*Wallace, 1979 (OF 79-1653)

(Hawk R.)

*Miller and Ferrians, 1968 (C 570), p. 10-11
Cobb, 1972 (MF-448), locs. 3, 4
Cobb, 1975 (OF 75-627), p. 36
Eberlein and others, 1977 (OF 77-168D), p. 95, loc. 2
Grybeck, 1977 (OF 77-166C), p. 19, loc. 6

(Lynx Cr.)

Brooks, 1913 (B 542), p. 50
Brooks, 1914 (B 592), p. 72
Brooks, 1916 (B 642), p. 71
Martin, 1919 (B 692), p. 42
Moffit, 1927 (B 792), p. 23
Smith, 1930 (B 813), p. 44
Reed, 1931, p. 27-28

Smith, 1932 (B 824), p. 49
Smith, 1933 (B 836), p. 51
Smith, 1933 (B 844-A), p. 51
Smith, 1934 (B 857-A), p. 48
Smith, 1934 (B 864-A), p. 53
Smith, 1936 (B 868-A), p. 55
Smith, 1937 (B 880-A), p. 58
Smith, 1938 (B 897-A), p. 68
Smith, 1939 (B 910-A), p. 73
Smith, 1939 (B 917-A), p. 71
Smith, 1941 (B 926-A), p. 67
Smith, 1942 (B 933-A), p. 64
*Fritts, 1969 (GR 37), p. 29
Fritts, 1970 (GR 39), p. 57
Cobb, 1972 (MF-448), loc. 15
Cobb, 1973 (B 1374), p. 59-60
Cobb, 1975 (OF 75-627), p. 37
*Cobb, 1977 (OF 77-168B), p. 46, loc. 4
Mayfield and Grybeck, 1978 (OF 78-120I), loc. 33

(Purcell Mts.)

Eberlein and others, 1977 (OF 77-168D), p. 95, loc. 3
*Miller and Johnson, 1978 (C 772-B), p. B42-B44
U.S. Geological Survey, 1978 (P 1100), p. 33

(Shovel Cr.)

*Miller and Ferrians, 1968 (C 570), p. 11
Cobb, 1972 (MF-448), loc. 17
*Cobb, 1973 (B 1374), p. 57, 59
Cobb, 1975 (OF 75-627), p. 38
Cobb, 1977 (OF 77-168B), p. 46, loc. 1
Eakins and others, 1977 (AOF 109), p. E16-E17
Eberlein and others, 1977 (OF 77-168D), p. 95, loc. 4
Grybeck, 1977 (OF 77-166C), p. 19, loc. 5

(Stockley Cr.)

*Anderson, 1945 (TDM 3-R), p. 18
Berg and Cobb, 1967 (B 1246), p. 106
Fritts, 1969 (GR 37), p. 18
Fritts, 1970 (GR 39), p. 28
Cobb, 1972 (MF-448), loc. 2
Cobb, 1975 (OF 75-627), p. 39

(Wesley Cr.)

*Reed, 1931, p. 153
Grybeck, 1977 (OF 77-166C), p. 19, loc. 2
Mayfield and Grybeck, 1978 (OF 78-120I), loc. 27

(Zane Hills)

- *Miller and Ferrians, 1968 (C 570), p. 8, 10 (loc. 13)
Cobb, 1972 (MF-448), loc. 12 (in part)
Cobb, 1975 (OF 75-627), p. 42
Staatz and Miller, 1976 (C 733), p. 39-41
U.S. Geological Survey, 1976 (P 1000), p. 38
Eberlein and others, 1977 (OF 77-168D), p. 96, loc. 8
*Miller and Elliott, 1977 (OF 77-428), p. 4-5, 7-8, 10 (locs. 1-3)

Unnamed occurrences, copper, gold, at 66°27'N, 156°23'-156°25'W

- *Miller and Ferrians, 1968 (C 570), p. 8 (locs. 5, 6)
Cobb, 1972 (MF-448), loc. 5
Cobb, 1975 (OF 75-627), p. 43
Eberlein and others, 1977 (OF 77-168D), p. 95, loc. 5
Grybeck, 1977 (OF 77-166C), p. 20, loc. 7

Unnamed occurrence, molybdenum, at 66°20'N, 156°11'W

- *Miller and Ferrians, 1968 (C 570), p. 6, 8
Cobb, 1972 (MF-448), loc. 11
Cobb, 1975 (OF 75-627), p. 44
Eberlein and others, 1977 (OF 77-168D), p. 95, loc. 7
Grybeck, 1977 (OF 77-166C), p. 20, loc. 10

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