

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 WISEMAN QUADRANGLE, ALASKA,  
SUPPLEMENT TO OPEN-FILE REPORT 76-340

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

By  
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Open-File Report 81-732B  
1981

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

## Introduction

This report was prepared as a supplement to a 1976 report which summarized data on mineral occurrences in the Wiseman quadrangle, Alaska (Cobb, E. H., 1976, Summary of references to mineral occurrences (other than mineral fuels and construction materials) in the Chandalar and Wiseman quadrangles, Alaska: U.S. Geological Survey Open-File Report 76-340, 205 p.). As a result of suggestions from users of the series of which the 1976 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 rewritten or new summaries where appropriate. For each occurrence described in Part A the name, U.S. Bureau of Mines mining district, reference that has the occurrence plotted on a map on a scale of 1:250,000, list of mineral commodities, and location data are in the same format as in the 1976 report. Also included is a list 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:

B	U.S. Geological Survey Bulletin
BMB	U.S. Bureau of Mines Bulletin
C	U.S. Geological Survey Circular
GC	Alaska Division of Geological Survey Geochemical Report
IC	U.S. Bureau of Mines Information Circular
OF	U.S. Geological Survey Open-File Report
MF	U.S. Geological Survey Miscellaneous Field Studies Map
P	U.S. Geological Survey Professional Paper
RI	U.S. Bureau of Mines Report of Investigations
TDM	Alaska Territorial Department of Mines Pamphlet
USBM OF	U.S. Bureau of Mines Open-File Report

In Part B citations to the principal references used in preparing summaries in Part A are 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 two 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).

Staff, Alaska Field Operations Center, 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.

Staff, Alaska Field Operations Center, 1979, A mineral appraisal of the areas traversed by the Kobuk, Killik, Alatna and John Rivers and the North Fork of the Koyukuk River, Brooks Range, Alaska: A summary report: U.S. Bureau of Mines Open-File Report 36-79, 23 p.

(Acme Cr.)

- \*Reed, 1938, p. 78-79
- Cobb, 1972 (MF-469), loc. 42
- Cobb, 1967 (OF 76-340), p. 83
- Grybeck, 1977 (OF 77-166C), p. 29, loc. 35

(Agnes Cr.)

- \*Reed, 1938, p. 130
- Cobb, 1976 (OF 76-340), p. 84

(Allen R.)

- \*Brosgé and Reiser, 1960
- Cobb, 1972 (MF-469), loc. 9
- Cobb, 1976 (OF 76-340), p. 85
- Grybeck, 1977 (OF 77-166C), p. 28, loc. 29

(Archibald Gulch) (Cr.)

- Maddren, 1910 (B 442), p. 292, 301-302
- Maddren, 1913 (B 532), p. 69, 92-93
- Smith, 1930 (B 810), p. 27
- Smith, 1934 (B 864-A), p. 40-41
- Smith, 1936 (B 868-A), p. 42
- Smith, 1937 (B 880-A), p. 45
- Reed, 1938, p. 75-77
- 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
- Ebbley and Wright, 1948 (RI 4173), p. 38
- Cobb, 1972 (MF-469), loc. 42
- Mulligan, 1974 (IC 8626), p. 7
- \*Cobb, 1976 (OF 76-340), p. 86
- Grybeck, 1977 (OF 77-166C), p. 29, loc. 35

(Big Four Cr.)

- Schrader, 1904 (P 20), p. 100
- \*Reed, 1938, p. 87-88
- Cobb, 1976 (OF 76-340), p. 87

(Birch Cr.)

- Maddren, 1910 (B 442), p. 292, 314
- Maddren, 1913 (B 532), p. 70, 109
- Brooks, 1918 (B 662), p. 59
- Brooks and Martin, 1921 (B 714), p. 90
- Smith and Mertie, 1930 (B 815), p. 333
- \*Reed, 1938, p. 131-132
- Cobb, 1972 (MF-469), loc. 33
- Cobb, 1976 (OF 76-340), p. 88
- Grybeck, 1977 (OF 77-166C), p. 27, loc. 22

(Blake Cr.)

- \*Smith, 1908 (B 345), p. 45  
Cobb, 1976 (OF 76-340), p. 89
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(Bourbon Cr.)

- \*Reed, 1938, p. 141  
Cobb, 1972 (MF-469), loc. 37  
Cobb, 1976 (OF 76-340), p. 90  
Grybeck, 1977 (OF 77-166C), p. 28, loc. 25
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(Bryan Cr.)

- \*Schrader, 1900, p. 485  
Cobb, 1976 (OF 76-340), p. 91
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(Canyon Cr.)

- \*Mulligan, 1974 (IC 8626), p. 7  
Cobb, 1976 (OF 76-340), p. 92
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(Chapman Cr.)

- \*Maddren, 1913 (B 532), p. 83  
Reed, 1938, p. 149-150  
Cobb, 1972 (MF-469), locs. 56, 57  
Mulligan, 1974 (IC 8626), p. 9  
Cobb, 1976 (OF 76-340), p. 93  
Cobb, 1977 (OF 77-168B), p. 53, locs. 5, 6
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(Clara Gulch) (Cr.)

- Schrader, 1900, p. 486  
Schrader, 1904 (P 20), p. 99, 101-102  
Maddren, 1910 (B 442), p. 292  
Maddren, 1913 (B 532), p. 69, 89  
Smith, 1936 (B 868-A), p. 42-43  
Reed, 1938, p. 91  
Cobb, 1972 (MF-469), loc. 50  
Mulligan, 1974 (IC 8626), p. 9  
\*Cobb, 1976 (OF 76-340), p. 94
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(Colorado Cr.)

- Smith, 1912 (B 520), p. 333  
Smith, 1913 (B 536), p. 143-144  
Smith and Mertie, 1930 (B 815), p. 334-335  
Reed, 1938, p. 143  
Cobb, 1972 (MF-469), loc. 63  
\*Cobb, 1976 (OF 76-340), p. 95
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(Confederate Gulch) (Cr.)

- \*Maddren, 1913 (B 532), p. 95

- Reed, 1938, p. 58-59  
Cobb, 1972 (MF-469), loc. 45  
\*Mulligan, 1974 (IC 8626), p. 8  
Cobb, 1976 (OF 76-340), p. 96
- 
- (Congolmerate Cr.)
- \*Reed, 1938, p. 87  
Cobb, 1976 (OF 76-340), p. 97
- 
- (Cow Cr.)
- \*Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), loc. 18  
Cobb, 1976 (OF 76-340), p. 98  
Grybeck, 1977 (OF 77-166C), p. 29, loc. 39
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- (Crevice Cr.)
- Maddren, 1910 (B 442), p. 292, 314  
Maddren, 1913 (B 532), p. 70, 110  
Smith, 1913 (B 536), p. 144  
Brooks, 1916 (B 642), p. 65  
Smith and Mertie, 1930 (B 815), p. 334  
Reed, 1938, p. 143  
Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), locs. 10, 26  
\*Cobb, 1976 (OF 76-340), p. 99  
Grybeck, 1977 (OF 77-166C), p. 28, loc. 30
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- (Eagle Cliff) (Bluff)
- Schrader, 1904 (P 20), p. 102  
Maddren, 1910 (B 442), p. 292, 312  
\*Maddren, 1913 (B 532), p. 70, 107  
Reed, 1938, p. 156  
Cobb, 1972 (MF-469), loc. 62  
Cobb, 1976 (OF 76-340), p. 100  
Cobb, 1977 (OF 77-168B), p. 53, loc. 10
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- (Eagle Gulch)
- \*Reed, 1938, p. 136  
Cobb, 1972 (MF-469), loc. 33  
Cobb, 1976 (OF 76-340), p. 101  
Grybeck, 1977 (OF 77-166C), p. 26, loc. 22
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- (East Cr.)
- \*Reed, 1938, p. 141  
Cobb, 1976 (OF 76-340), p. 102
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- (Emma Cr.)
- Schrader, 1900, p. 486  
Schrader, 1904 (P 20), p. 99, 102

Brooks, 1908 (B 345), p. 45  
Maddren, 1910 (B 442), p. 292, 300  
Brooks, 1913 (B 542), p. 45  
\*Maddren, 1913 (B 532), p. 69, 90-91  
Brooks, 1915 (B 622), p. 59  
Brooks, 1918 (B 662), p. 59  
Reed, 1938, p. 88-90  
Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), loc. 48  
\*Mulligan, 1974 (IC 8626), p. 9  
Cobb, 1976 (OF 76-340), p. 103  
Grybeck, 1977 (OF 77-166C), p. 30, loc. 41

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(Emma Dome)

\*Brosgé and Reiser, 1972 (P 709), p. 20  
Cobb, 1972 (MF-469), loc. 17  
Cobb, 1976 (OF 76-340), p. 104  
Grybeck, 1977 (OF 77-166C), p. 29, loc. 40

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(Fall Cr.)

\*Reed, 1938, p. 141  
Cobb, 1976 (OF 76-340), p. 105

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(Fay Gulch) (Cr.)

Brooks, 1908 (B 345), p. 45  
Maddren, 1910 (B 442), p. 292, 301-303  
Maddren, 1913 (B 532), p. 69, 92-94  
Reed, 1938, p. 77-78  
Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), loc. 42  
Mulligan, 1974 (IC 8626), p. 7  
\*Cobb, 1976 (OF 76-340), p. 106  
Grybeck, 1977 (OF 77-166C), p. 29, loc. 35

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Ferguson

Ebbley and Wright, 1948 (RI 4173), p. 37  
Brosgé and Reiser, 1972 (P 709), p. 9  
Cobb, 1972 (MF-469), loc. 20  
Mulligan, 1974 (IC 8626), p. 8  
\*Cobb, 1976 (OF 76-340), p. 107  
Grybeck, 1977 (OF 77-166C), p. 29, loc. 36

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(Fool Cr.)

Maddren, 1910 (B 442), p. 314  
Maddren, 1913 (B 532), p. 110  
Smith, 1913 (B 536), p. 144  
Brooks and Capps, 1924 (B 755), p. 46  
Smith and Mertie, 1930 (B 815), p. 334  
\*Cobb, 1976 (OF 76-340), p. 108

(Frisbe Cr.)

\*Reed, 1938, p. 161

Cobb, 1976 (OF 76-340), p. 109

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(Fryingpan Cr.)

\*Reed, 1938, p. 147-148

Cobb, 1976 (OF 76-340), p. 110

Cobb, 1977 (OF 77-168B), p. 53, loc. 5

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(Galena Cr.)

\*Reed, 1938, p. 138-139

Cobb, 1972 (MF-469), loc. 36

Cobb, 1976 (OF 76-340), p. 111

Grybeck, 1977 (OF 77-166C), p. 28, loc. 27

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(Grubstake Bar)

Maddren, 1910 (B 442), p. 292, 312

\*Maddren, 1913 (B 532), p. 70, 107

Reed, 1938, p. 155

Cobb, 1972 (MF-469), loc. 61

Cobb, 1976 (OF 76-340), p. 112

Cobb, 1977 (OF 77-168B), p. 53, loc. 9

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(Hamil Bar)

\*Reed, 1938, p. 148

Cobb, 1976 (OF 76-340), p. 113

Cobb, 1977 (OF 77-168B), p. 53, loc. 4

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(Hammond R.) (Cr.)

Brooks, 1904 (B 225), p. 58

Schrader, 1904 (P 20), p. 100-102

Maddren, 1910 (B 442), p. 292, 304-305

Brooks, 1912 (B 520), p. 38

Brooks, 1913 (B 542), p. 45

Maddren, 1913 (B 532), p. 69, 95-97

Brooks, 1914 (B 592), p. 69

\*Brooks, 1915 (B 622), p. 58-60

Brooks, 1916 (B 642), p. 64

Smith, 1917 (BMB 142), p. 25

Smith, 1917 (BMB 153), p. 54

Brooks, 1918 (B 662), p. 59

Brooks and Capps, 1924 (B 755), p. 46

Moffit, 1927 (B 792), p. 14

Smith, 1929 (B 797), p. 21-22

Smith, 1930 (B 810), p. 27-28

Smith, 1930 (B 813), p. 33

Smith, 1933 (B 844-A), p. 39

Smith, 1934 (B 857-A), p. 36

Smith, 1934 (B 864-A), p. 40-41



Smith, 1936 (B 868-A), p. 42-43  
Smith, 1937 (B 880-A), p. 45-46  
Reed, 1938, p. 49-58  
Smith, 1938 (B 897-A), p. 54  
Smith, 1941 (B 926-A), p. 52  
Smith, 1942 (B 933-A), p. 47  
Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), locs. 23, 41  
Cobb, 1973 (B 1374), p. 158-159  
Mulligan, 1974 (IC 8626), p. 7  
\*Cobb, 1976 (OF 76-340), p. 114-115  
Grybeck, 1977 (OF 77-166C), p. 29, loc. 34b

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(Hanshaw Bar)

\*Reed, 1938, p. 155  
Cobb, 1972 (MF-469), loc. 60  
Cobb, 1976 (OF 76-340), p. 116  
Cobb, 1977 (OF 77-168B), p. 53, loc. 8

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(Hunt Fork)

\*Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), locs. 2, 3  
Cobb, 1976 (OF 76-340), p. 117  
Grybeck, 1977 (OF 77-166C), p. 26, loc. 8

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(Jap Cr.)

\*Mulligan, 1974 (IC 8626), p. 8  
Cobb, 1976 (OF 76-340), p. 118

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(J(ay) Cr.)

Brooks, 1916 (B 642), p. 65  
Smith, 1917 (BMB 142), p. 25  
Brooks, 1918 (B 662), p. 59  
Brooks, 1922 (B 722), p. 59  
Smith and Mertie, 1930 (B 815), p. 333  
\*Reed, 1938, p. 134-136  
Cobb, 1972 (MF-469), loc. 34  
Cobb, 1976 (OF 76-340), p. 119  
Grybeck, 1977 (OF 77-166C), p. 27, loc. 23

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(John R.)

\*Schrader, 1904 (P 20), p. 104  
\*Brooks, 1905 (B 259), p. 30  
Smith and Mertie, 1930 (B 815), p. 342  
\*Joesting, 1942 (TDM 1), p. 14  
Berg and Cobb, 1967 (B 1246), p. 234  
Cobb, 1972 (MF-469), loc. 4  
Cobb, 1976 (OF 76-340), p. 120  
Grybeck, 1977 (OF 77-166C), p. 26, loc. 9

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Jones & Boyle

- Joesting, 1943 (TDM 2), p. 16-17  
\*Ebbley and Wright, 1948 (RI 4173), p. 37  
\*Brosgé and Reiser, 1972 (P 709), p. 9  
Cobb, 1972 (MF-469), loc. 21  
\*Cobb, 1973 (B 1374), p. 160  
Cobb, 1976 (OF 76-340), p. 121  
Grybeck, 1977 (OF 77-166C), p. 29, loc. 36

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(Julian Cr.)

- \*Brooks, 1908 (B 345), p. 45  
Cobb, 1976 (OF 76-340), p. 122

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(Kay Cr.)

- \*Reed, 1938, p. 136-137  
Cobb, 1972 (MF-469), loc. 35  
Cobb, 1976 (OF 76-340), p. 123

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(Kelly Gulch)

- Maddren, 1910 (B 442), p. 292  
\*Maddren, 1913 (B 532), p. 69, 89  
\*Reed, 1938, p. 91  
Cobb, 1972 (MF 469), loc. 49  
Mulligan, 1974 (IC 8626), p. 9  
Cobb, 1976 (OF 76-340), p. 124

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(Koyukuk R., South Fork)

- Smith, 1933 (B 836), p. 39  
Smith, 1937 (B 880-A), p. 46  
Smith, 1938 (B 897-A), p. 54  
\*Cobb, 1976 (OF 76-340), p. 125

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(Lake Cr.)

- Maddren, 1910 (B 442), p. 292, 314  
Maddren, 1913 (B 532), p. 70, 109  
Smith and Mertie, 1930 (B 815), p. 333  
Smith, 1934 (B 857-A), p. 36  
Smith, 1936 (B 868-A), p. 42-43  
Reed, 1938, p. 123-126  
Smith, 1939 (B 917-A), p. 55  
Joesting, 1942 (TDM 1), p. 39  
Joesting, 1943 (TDM 2), p. 17, 20  
Thorne and others, 1948 (RI 4174), p. 28  
Chipp, 1972 (GC 25), sample 133  
Cobb, 1972 (MF-469), loc. 31  
Cobb, 1973 (B 1374), p. 160  
\*Cobb, 1976 (OF 76-340), p. 126  
Grybeck, 1977 (OF 77-166C), p. 27, loc. 20b

(Lofty Cr.)

- \*Reed, 1938, p. 57  
Mulligan, 1974 (IC 8626), p. 7  
Cobb, 1976 (OF 76-340), p. 127
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(Lucky Cr.)

- \*Reed, 1938, p. 137  
Cobb, 1976 (OF 76-340), p. 128  
Grybeck, 1977 (OF 77-166C), p. 27, loc. 23
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(Luke Cr.)

- \*Reed, 1938, p. 126  
Cobb, 1976 (OF 76-340), p. 129
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(Lynx Cr.)

- \*Reed, 1938, p. 121  
Cobb, 1976 (OF 76-340), p. 130
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(Mailbox Cr.)

- Smith, 1937 (B 880-A), p. 45  
\*Reed, 1938, p. 148-149  
Cobb, 1972 (MF-469), loc. 55  
Mulligan, 1974 (IC 8626), p. 9  
Cobb, 1976 (OF 76-340), p. 131  
Cobb, 1977 (OF 77-168B), p. 53, loc. 5
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(Mary's Cr.)

- \*Reed, 1938, p. 126  
Cobb, 1976 (OF 76-340), p. 132
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(Mascot Cr.)

- Schrader, 1904 (P 20), p. 100  
Brooks, 1908 (B 345), p. 45  
Maddren, 1910 (B 442), p. 290-292, 313  
\*Maddren, 1913 (B 532), p. 70, 108-109  
Smith, 1933 (B 836), p. 39  
Smith, 1936 (B 868-A), p. 42-43  
\*Reed, 1938, p. 82-87  
\*Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), loc. 38  
Cobb, 1976 (OF 76-340), p. 133  
Grybeck, 1977 (OF 77-166C), p. 29, loc. 38
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(Mathews Dome)

- \*Chipp, 1972 (GC 25), samples 134-136  
Cobb, 1976 (OF 76-340), p. 134  
Grybeck, 1977 (OF 77-166C), p. 27, loc. 21
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(McKinley Cr.)

- \*Schrader, 1900, p. 485  
Cobb, 1976 (OF 76-340), p. 135
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(Michigan Cr.)

- Schrader, 1904 (P 20), p. 105  
Brooks, 1923 (B 739), p. 42  
Smith and Mertie, 1930 (B 815), p. 343  
Reed, 1938, p. 139-140  
Wedow and others, 1952, p. 91  
Brosgé and Reiser, 1960  
Berg and Cobb, 1967 (B 1246), p. 234  
Cobb, 1972 (MF-469), loc. 15  
\*Cobb, 1976 (OF 76-340), p. 136  
Grybeck, 1977 (OF 77-166C), p. 28, loc. 28
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(Midas Cr.)

- Maddren, 1910 (B 442), p. 314  
\*Maddren, 1913 (B 532), p. 110  
Smith, 1913 (B 536), p. 144  
Smith and Mertie, 1930 (B 815), p. 334  
Cobb, 1972 (MF-469), loc. 25  
Cobb, 1976 (OF 76-340), p. 137
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(Minnie Cr.)

- Maddren, 1910 (B 442), p. 292  
Brooks, 1913 (B 542), p. 45  
Maddren, 1913 (B 532), p. 69, 94-95  
Brooks, 1918 (B 662), p. 59  
Smith, 1933 (B 836), p. 39  
Reed, 1938, p. 59-60  
Brosgé and Reiser, 1972 (P 709), p. 12  
Cobb, 1972 (MF-469), loc. 46  
\*Mulligan, 1974 (IC 8626), p. 8  
Cobb, 1976 (OF 76-340), p. 138
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(Moose Gulch) (Cr.)

- \*Maddren, 1913 (B 532), p. 91  
Cobb, 1976 (OF 76-340), p. 139
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(Myrtle Cr.)

- Schrader, 1900, p. 483-484  
Schrader, 1904 (P 20), p. 99, 102  
Brooks, 1908 (B 345), p. 45  
Maddren, 1910 (B 442), p. 288, 291-292, 298-300  
Maddren, 1913 (B 532), p. 69, 86-89  
Brooks, 1915 (B 622), p. 59  
Brooks, 1916 (B 642), p. 65  
Smith, 1917 (BMB 153), p. 54

Brooks, 1918 (B 662), p. 59  
 Brooks, 1922 (B 722), p. 59  
 Smith, 1930 (B 810), p. 28  
 Smith, 1932 (B 824), p. 38  
 Smith, 1933 (B 836), p. 39  
 Smith, 1936 (B 868-A), p. 42-43  
 Smith, 1937 (B 880-A), p. 45-46  
 Reed, 1938, p. 93-94  
 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  
 Cobb, 1972 (MF-469), loc. 51  
 Cobb, 1973 (B 1374), p. 158, 160  
 Mulligan, 1974 (IC 8626), p. 6  
 \*Cobb, 1976 (OF 76-340), p. 140  
 Cobb, 1977 (OF 77-168B), p. 53, loc. 3

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(Nolan Cr.)

Schrader, 1904 (P 20), p. 100  
 Brooks, 1908 (B 345), p. 45  
 Brooks, 1909 (B 379), p. 57  
 Maddren, 1910 (B 442), p. 290, 292, 301-304  
 Brooks, 1911 (B 480), p. 39  
 Brooks, 1912 (B 520), p. 38  
 Brooks, 1913 (B 542), p. 45  
 Maddren, 1913 (B 532), p. 69, 92-94  
 Brooks, 1915 (B 622), p. 59-60  
 Brooks, 1916 (B 642), p. 64-65  
 Smith, 1917 (BMB 142), p. 25  
 Smith, 1917 (BMB 153), p. 54  
 Brooks, 1918 (B 662), p. 59  
 Brooks and Martin, 1921 (B 714), p. 90  
 Brooks, 1922 (B 722), p. 59  
 Brooks, 1923 (B 739), p. 42  
 Brooks and Capps, 1924 (B 755), p. 46  
 Smith, 1929 (B 797), p. 21  
 Smith, 1930 (B 810), p. 27  
 Smith, 1930 (B 813), p. 33  
 Smith, 1932 (B 824), p. 38  
 Smith, 1933 (B 836), p. 39  
 Smith, 1933 (B 844-A), p. 39  
 Smith, 1934 (B 857-A), p. 36  
 Smith, 1934 (B 864-A), p. 40-41  
 Smith, 1936 (B 868-A), p. 42-43  
 Smith, 1937 (B 880-A), p. 45  
 Reed, 1938, p. 62-72  
 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  
Brosgé and Reiser, 1960  
Brosgé and Reiser, 1972 (P 709), p. 8, 12  
Cobb, 1972 (MF-469), loc. 42  
Cobb, 1973 (B 1374), p. 158-159  
Mulligan, 1974 (IC 8626), p. 8  
\*Cobb, 1976 (OF 76-340), p. 141-142  
Grybeck, 1977 (OF 77-166C), p. 29, loc. 35

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(Old Man Cr.)

\*Brooks, 1911 (B 480), p. 39  
Cobb, 1976 (OF 76-340), p. 143

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(Oregon Cr.)

\*Reed, 1938, p. 131  
Cobb, 1972 (MF-469), loc. 32  
Cobb, 1976 (OF 76-340), p. 144

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(Pasco Cr.)

\*Schrader, 1900, p. 485  
Cobb, 1976 (OF 76-340), p. 145

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(Porcupine Cr.)

Schrader, 1900, p. 485  
Schrader, 1904 (P 20), p. 102  
Maddren, 1910 (B 442), p. 292  
Maddren, 1913 (B 532), p. 69, 86  
Brooks, 1918 (B 662), p. 59  
Smith, 1930 (B 810), p. 28  
Smith, 1932 (B 824), p. 38  
Smith, 1933 (B 836), p. 39  
Smith, 1936 (B 868-A), p. 42-43  
Smith, 1937 (B 880-A), p. 45-46  
Reed, 1938, p. 101-103  
Smith, 1938 (B 897-A), p. 54  
Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), loc. 52  
Cobb, 1973 (B 1374), p. 160  
Mulligan, 1974 (IC 8626), p. 9  
\*Cobb, 1976 (OF 76-340), p. 146

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(Quartz Cr.)

\*Reed, 1938, p. 104  
Cobb, 1972 (MF-469), loc. 52  
Cobb, 1976 (OF 76-340), p. 147

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(Rocky Point)

\*Chipp, 1972 (GC 25), sample 121

Cobb, 1976 (OF 76-340), p. 148

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(Rose Cr.)

\*Maddren, 1913 (B 532), p. 86

Reed, 1938, p. 104

Cobb, 1972 (MF-469), loc. 53

Cobb, 1976 (OF 76-340), p. 149

Cobb, 1977 (OF 77-168B), p. 53, loc. 2

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(Rye Cr.)

Brooks, 1916 (B 642), p. 65

Brooks, 1918 (B 662), p. 59

Reed, 1938, p. 132-134

White, 1952 (C 195), p. 8-11

Overstreet, 1967 (P 530), p. 110

Cobb, 1972 (MF-469), loc. 34

Cobb, 1973 (B 1374), p. 160

\*Cobb, 1976 (OF 76-340), p. 150

Grybeck, 1977 (OF 77-166C), p. 27, loc. 23

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(Sawyer Gulch) (Cr.)

\*Maddren, 1913 (B 532), p. 91

\*Reed, 1938, p. 88

Cobb, 1972 (MF-469), loc. 47

Mulligan, 1974 (IC 8626), p. 9

Cobb, 1976 (OF 76-340), p. 151

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(Sirr Cr.)

\*Reed, 1938, p. 122

Cobb, 1972 (MF-469), loc. 28

Cobb, 1976 (OF 76-340), p. 152

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(Slate Cr.)

Schrader, 1900, p. 483-485

Schrader, 1904 (P 20), p. 99

Maddren, 1910 (B 442), p. 291-292, 298-299

Maddren, 1913 (B 532), p. 69, 86-88

Reed, 1938, p. 91-93

Smith, 1939 (B 910-A), p. 56

Smith, 1939 (B 917-A), p. 55

Smith, 1941 (B 926-A), p. 52

Cobb, 1972 (MF-469), loc. 51

\*Cobb, 1976 (OF 76-340), p. 153

Cobb, 1977 (OF 77-168B), p. 53, loc. 3

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(Smally Cr.)

\*Reed, 1938, p. 158-160

Cobb, 1972 (MF-469), loc. 59

Cobb, 1976 (OF 76-340), p. 154

Cobb, 1977 (OF 77-168B), p. 53, loc. 7

(Smith Cr.) (Gulch)

Brooks, 1908 (B 345), p. 45

Maddren, 1910 (B 442), p. 292, 301-303

Brooks, 1913 (B 542), p. 45

\*Maddren, 1913 (B 532), p. 69, 92-94

Brooks, 1915 (B 622), p. 59

Brooks, 1916 (B 642), p. 65

Brooks, 1918 (B 662), p. 59

Brooks, 1922 (B 722), p. 59

Smith, 1930 (B 810), p. 27

Smith, 1930 (B 813), p. 33

Smith, 1932 (B 824), p. 38

Smith, 1933 (B 836), p. 39

Smith, 1936 (B 868-A), p. 42-43

Smith, 1937 (B 880-A), p. 45-46

\*Reed, 1938, p. 72-75

Smith, 1938 (B 897-A), p. 54

Cobb, 1972 (MF-469), loc. 42

\*Mulligan, 1974 (IC 8626), p. 8

Cobb, 1976 (OF 76-340), p. 166

Grybeck, 1977 (OF 77-166C), p. 29, loc. 35

(Smith Creek Dome)

Joesting, 1943 (TDM 2), p. 16-17

Ebbley and Wright, 1948 (RI 4173), p. 37

Brosge and Reiser, 1960

Brosge and Reiser, 1972 (P 709), p. 8-9

Cobb, 1972 (MF-469), loc. 22

Mulligan, 1974 (IC 8626), p. 7

\*Cobb, 1976 (OF 76-340), p. 156

(Spring Cr.)

Maddren, 1910 (B 442), p. 292, 314

Maddren, 1913 (B 532), p. 70, 110

Smith and Mertie, 1930 (B 815), p. 333

Smith, 1933 (B 836), p. 39-40

Reed, 1938, p. 119-121

Smith, 1939 (B 910-A), p. 56

Smith, 1939 (B 917-A), p. 55

Brosge and Reiser, 1960

Cobb, 1972 (MF-469), loc. 30

\*Cobb, 1976 (OF 76-340), p. 157

Grybeck, 1977 (OF 77-166C), p. 27, loc. 20a

(Summit Cr.)

Smith, 1932 (B 824), p. 38-39

Smith, 1933 (B 836), p. 39-40



\*Reed, 1938, p. 116-119  
Cobb, 1972 (MF-469), loc. 29  
Cobb, 1976 (OF 76-340), p. 158

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(Swift Gulch) (Cr.)

Schrader, 1904 (P 20), p. 100  
Brooks, 1908 (B 345), p. 45  
Maddren, 1910 (B 442), p. 292, 305  
Brooks, 1913 (B 542), p. 45  
Maddren, 1913 (B 532), p. 69, 96-97  
Smith, 1930 (B 810), p. 27  
Reed, 1938, p. 56-57  
Cobb, 1972 (MF-469), loc. 41  
Mulligan, 1974 (IC 8626), p. 8  
\*Cobb, 1976 (OF 76-340), p. 159  
Grybeck, 1977 (OF 77-166C), p. 29, loc. 34b

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(Thompson Pup)

\*Brosgé and Reiser, 1972 (P 709), p. 8, 12  
Cobb, 1972 (MF-469), loc. 22  
Cobb, 1976 (OF 76-340), p. 160

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(Timber Cr.)

\*Reed, 1938, p. 143  
Cobb, 1976 (OF 76-340), p. 161

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(Tramway Bar)

Schrader, 1900, p. 483  
Schrader, 1904 (P 20), p. 98, 100, 102  
Maddren, 1910 (B 442), p. 291-292, 297  
Maddren, 1913 (B 532), p. 69, 84-85  
\*Reed, 1938, p. 145-147  
Smith, 1941 (B 926-A), p. 53  
Smith, 1942 (B 933-A), p. 47  
Brosgé and Reiser, 1960  
\*Brosgé and Reiser, 1972 (P 709), p. 3  
Cobb, 1972 (MF-469), loc. 58  
\*Cobb, 1973 (B 1374), p. 159  
Mulligan, 1974 (IC 8626), p. 9  
Cobb, 1976 (OF 76-340), p. 162  
Cobb, 1977 (OF 77-168B), p. 53, loc. 5

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(Twelvemile Cr.)

Schrader, 1900, p. 485  
Schrader, 1904 (P 20), p. 102  
Maddren, 1910 (B 442), p. 292  
\*Maddren, 1913 (B 532), p. 69, 85  
Smith, 1936 (B 868-A), p. 43  
Smith, 1937 (B 880-A), p. 46  
\*Reed, 1938, p. 105-111

Cobb, 1972 (MF-469), loc. 54  
Mulligan, 1974 (IC 8626), p. 9  
Cobb, 1976 (OF 76-340), p. 163  
Cobb, 1977 (OF 77-168B), p. 53, loc. 1

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(Twocent Cr.)

\*Reed, 1938, p. 130  
Cobb, 1976 (OF 76-340), p. 164

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(Union Gulch) (Cr.)

Schrader, 1904 (P 20), p. 99-102  
Maddren, 1910 (B 442), p. 292, 304  
Maddren, 1913 (B 532), p. 69, 95  
Smith, 1936 (B 868-A), p. 42-43  
Reed, 1938, p. 59  
Cobb, 1972 (MF-469), loc. 44  
Mulligan, 1974 (IC 8626), p. 8  
\*Cobb, 1976 (OF 76-340), p. 165  
Grybeck, 1977 (OF 77-166C), p. 29, loc. 37

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(VABM Allen)

Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), loc. 6  
Cobb, 1976 (OF 76-340), p. 184  
Grybeck, 1977 (OF 77-166C), p. 26, loc. 11  
\*Degenhart and others, 1978 (USBM OF 103-78), p. 140, 470, 472

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(Vermont Cr.)

Schrader, 1904 (P 20), p. 100  
Brooks, 1908 (B 345), p. 45  
Maddren, 1910 (B 442), p. 292, 305-306  
\*Maddren, 1913 (B 532), p. 69, 97-98  
Brooks, 1915 (B 622), p. 59  
Brooks, 1918 (B 662), p. 59  
Smith, 1930 (B 810), p. 27  
Smith, 1932 (B 824), p. 38  
Smith, 1933 (B 836), p. 39  
Smith, 1937 (B 880-A), p. 45-46  
Reed, 1938, p. 55-56  
Smith, 1938 (B 897-A), p. 54  
Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), loc. 40  
Cobb, 1973 (B 1374), p. 158, 160  
\*Mulligan, 1974 (IC 8626), p. 7  
Cobb, 1976 (OF 76-340), p. 166  
Grybeck, 1977 (OF 77-166C), p. 28, loc. 34a

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(Vermont Dome)

\*Brosgé and Reiser, 1960

Cobb, 1972 (MF-469), loc. 24  
\*Mulligan, 1974 (IC 8626), p. 7  
Cobb, 1976 (OF 76-340), p. 167  
Grybeck, 1977 (OF 77-166C), p. 28, loc. 33

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Wannemaker & Wortman

\*Ebbley and Wright, 1948 (RI 4173), p. 38  
Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), loc. 21  
\*Mulligan, 1974 (IC 8626), p. 8  
Cobb, 1976 (OF 76-340), loc. 168  
Grybeck, 1977 (OF 77-166C), p. 29, loc. 36

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(Washington Cr.)

Schrader, 1904 (P 20), p. 100  
Maddren, 1910 (B 442), p. 292, 313  
Maddren, 1913 (B 532), p. 70, 108  
Reed, 1938, p. 81-82  
Brosgé and Reiser, 1972 (P 709), p. 12  
Cobb, 1972 (MF-469), loc. 39  
Mulligan, 1974 (IC 8626), p. 7  
\*Cobb, 1976 (OF 76-340), p. 169

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(Wild Lake)

\*Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), loc. 13  
Cobb, 1976 (OF 76-340), p. 170

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(Wild R.) (Cr.)

Brooks, 1905 (B 259), p. 30  
Brooks, 1915 (B 622), p. 59  
Smith, 1932 (B 824), p. 38  
Smith, 1933 (B 836), p. 39-40  
Smith, 1933 (B 844-A), p. 39  
Smith, 1934 (B 857-A), p. 36  
Smith, 1934 (B 864-A), p. 40-41  
Smith, 1937 (B 880-A), p. 45-46  
Smith, 1938 (B 897-A), p. 54  
Smith, 1941 (B 926-A), p. 52  
Smith, 1942 (B 933-A), p. 47  
\*Cobb, 1976 (OF 76-340), p. 171

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(Wilson Cr.)

\*Maddren, 1913 (B 532), p. 107  
Reed, 1938, p. 162  
Cobb, 1976 (OF 76-340), p. 172

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(Wiseman)

\*Brosgé and Reiser, 1960

Cobb, 1972 (MF-469), loc. 19  
\*Mulligan, 1974 (IC 8626), p. 9  
Cobb, 1976 (OF 76-340), p. 173

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(Wiseman Cr.)

Schrader, 1900, p. 485  
Brooks, 1905 (B 259), p. 30  
Maddren, 1910 (B 442), p. 300-301  
Maddren, 1913 (B 532), p. 91-92  
Smith, 1932 (B 824), p. 38  
Smith, 1933 (B 836), p. 39  
Reed, 1938, p. 60-62  
Smith, 1939 (B 910-A), p. 56  
Smith, 1939 (B 917-A), p. 55  
Cobb, 1972 (MF-469), loc. 43  
\*Cobb, 1976 (OF 76-340), p. 174

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Unnamed occurrence, antimony, lead, at 67°30'N, 151°30'W

\*Chipp, 1972, (GC 25), sample 138  
Cobb, 1976 (OF 76-340), p. 189  
Grybeck, 1977 (OF 77-166C), p. 27, loc. 19

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Unnamed occurrence, copper, at 67°19'N, 150°25'W

\*Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), loc. 17  
Cobb, 1976 (OF 76-340), p. 175

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Unnamed occurrences, copper, at 67°29'N, 151°41'W

\*Chipp, 1972 (GC 25), samples 129, 130  
Cobb, 1976 (OF 76-340), p. 177  
Grybeck, 1977 (OF 77-166C), p. 27, loc. 16

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Unnamed occurrence, copper, as 67°30'N, 151°31'W

\*Chipp, 1972 (GC 25), sample 139  
Cobb, 1976 (OF 76-340), p. 178  
Grybeck, 1977 (OF 77-166C), p. 27, loc. 19

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Unnamed occurrence, copper, at 67°30'N, 151°45'W

\*Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), loc. 12  
Cobb, 1976 (OF 76-340), p. 179  
Grybeck, 1977 (OF 77-166C), p. 27, loc. 15

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Unnamed occurrence, copper, at 67°30'N, 151°52'W

\*Brosgé and Reiser, 1960  
Cobb, 1972 (MF-469), loc. 11  
Cobb, 1976 (OF 76-340), p. 180  
Grybeck, 1977 (OF 77-166C), p. 27, loc. 14

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Unnamed occurrence, copper, at 67°32'N, 152°16'W

\*Brosgé and Reiser, 1960

Cobb, 1972 (MF-469), loc. 5

Cobb, 1976 (OF 76-340), p. 181

Grybeck, 1977 (OF 77-166C), p. 26, loc. 10

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Unnamed occurrence, copper, as 67°32'N, 151°27'W

\*Brosgé and Reiser, 1960

Cobb, 1972 (MF-469), loc. 14

Cobb, 1976 (OF 76-340), p. 182

Grybeck, 1977 (OF 77-166C), p. 17, loc. 18

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Unnamed occurrences, copper, at 67°32'N, 151°30'W

\*Chipp, 1972 (GC 25), samples 116, 117

Cobb, 1976 (OF 340), p. 183

Grybeck, 1977 (OF 77-166C), p. 27, loc. 18

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Unnamed occurrence, copper, at 67°34'N, 151°59'W

Brosgé and Reiser, 1960

Cobb, 1972 (MF-469), loc. 7

Cobb, 1976 (OF 76-340), p. 185

Grybeck, 1977 (OF 77-166C), p. 26, loc. 12

\*Degenhart and others, 1978 (USBM OF 103-78), p. 140, 470-477

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Unnamed occurrence, copper, at 67°40'N, 152°57'W

\*Brosgé and Reiser, 1960

Cobb, 1972 (MF-469), loc. 1

Cobb, 1976 (OF 76-340), p. 186

Grybeck, 1977 (OF 77-166C), p. 26, loc. 7

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Unnamed occurrence, copper, lead, at 67°32'N, 151°35'W

\*Chipp, 1972 (GC 25), sample 124

Cobb, 1976 (OF 76-340), p. 187

Grybeck, 1977 (OF 77-166C), p. 27, loc. 17

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Unnamed occurrence, copper, lead, at 67°35'N, 151°54'W

\*Brosgé and Reiser, 1960

Cobb, 1972 (MF-469), loc. 8

Cobb, 1976 (OF 76-340), p. 188

Grybeck, 1977 (OF 77-166C), p. 27, loc. 13

Degenhart and others, 1978 (USBM OF 103-78), p. 140, 470-477

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Unnamed occurrence, copper, lead, zinc, at 67°18'N, 152°18'W approx.

\*Grybeck, 1977 (OF 77-166C), p. 28, loc. 31

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Unnamed occurrence, copper, zinc(?), at 67°23'N, 150°10'W

\*Mulligan, 1974 (IC 8626), p. 9

Cobb, 1976 (OF 76-340), p. 176

Unnamed occurrence, lead, at 67°34'N, 150°39'W

\*Brosgé and Reiser, 1960

Cobb, 1972 (MF-469), loc. 16

Cobb, 1976 (OF 76-340), p. 190

Grybeck, 1977 (OF 77-166C), p. 28, loc. 32

#### References without formal identifying numbers

Brosgé, W. P., and Reiser, H. N., 1960, Progress map of the geology of Wiseman quadrangle, Alaska: U.S. Geological Survey Open-File Report, 2 sheets, scale 1:250,000.

Reed, I. McK, 1938, Upper Koyukuk region, Alaska: Alaska Department of Mines unpublished report, 169 p.

Schrader, F. C., 1900, Preliminary report on a reconnaissance along the Chandlar and Koyukuk Rivers, Alaska, in 1899: U.S. Geological Survey 21st Annual Report, part 2, p. 441-486.

Wedow, Helmuth, Jr., White, M. G., and Moxham, R. M., 1952, Interim report on an appraisal of the uranium possibilities of Alaska: U.S. Geological Survey Open-File Report, 123 p.