

UNITED STATES DEPARTMENT OF THE INTERIOR
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MAP AND DESCRIPTION OF THE MINERAL DEPOSITS
IN THE JUNEAU, TAKU RIVER, ATLIN, AND PART OF THE SKAGWAY QUADRANGLES,
ALASKA

BY

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MAP AND DESCRIPTION OF THE METALLIFEROUS MINERAL DEPOSITS IN THE JUNEAU, TAKU RIVER, ATLIN, AND PART OF THE SKAGWAY QUADRANGLES, ALASKA

By D. Edward Wells, Tom L. Pittman, David A. Brew, and Susan L. Douglass

The map and descriptions contain location and other information pertaining to mines, prospects, mineral occurrences, and mining claims in the Atlin, Juneau, Taku River, and part of the Skagway 1:250,000 quadrangles. The purpose of this report is to provide a background of current and historical mineral deposit data that will be integrated with other geological, geochemical, and geophysical data in a mineral resource appraisal.

This information has been compiled from numerous sources ranging from old, poorly documented accounts to modern comprehensive reports. When possible, original names and descriptions have been integrated with more recent information. Some previous compilations (by Berg and Cobb, 1967; Berg and others, 1981) are in general not used, as these are based on original material cited here. Cobb's (1972a,b,c) maps are cited, however, because of their value in readily locating specific sites. Similarly, Cobb's (1978a,b,c) summaries are cited, because of their specific mention of previous reports. During July and August, 1983, less than 10 percent of the reported sites, but including most of the mines, were located and sampled. Most underground workings were inaccessible. Dense vegetation and poor exposures restricted the work to brief examinations of exposed portions of these sites and limited the sampling. No attempt is made to evaluate the extent, grade, or economic significance of these deposits, although production and grade figures from the literature are reported.

Symbols shown on the map differentiate the productive mines, non-productive mines, prospects, mineral occurrences and claim groups. Much production went unrecorded and many inaccuracies undoubtedly exist. When a site fits more than one category, mines, prospects and mineral occurrences take precedence over claim groups. Productive mines are defined as mines with any recorded production or measured reserves. They are subdivided into mines with 500,000 tons or more of ore, those with 50,000 to 499,999 tons of ore, those with 10,000 to 49,000 tons of ore, and those with less than 10,000 tons of ore produced or measured. Productive placer mines are classified by assuming a 2 cubic yards = 1 ton ratio, or 150 cubic yards = 1 troy ounce of gold produced. Non-productive mines are defined as deposits with significant underground workings but no recorded production. They are subdivided into mines with 1,000 ft or more of underground workings and those with 500-999 ft of underground workings. Mineral occurrences are generally sites where metallic minerals have been observed, collected, and analyzed; but a few stream sediment and bedrock geochemical samples in published reports are also included. Several of these entries are probably almost meaningless from a mineral resources viewpoint, but have been included because they appear in the literature. Prospects are defined as any other areas with known surface or underground workings. Claim groups are subdivided into groups with 10 or more claims and groups of less than 10 claims (either lode or placer).

EXPLANATION OF THE DESCRIPTIONS

Map Number and Location

The upper right hand corner of each description sheet lists the map number of each site. The latitude and longitude are listed under "map coordinates." The locations are numbered separately for each quadrangle more or less sequentially in geographically defined groups. The descriptions are in this order: Atlin, Juneau, Skagway, Taku River.

The symbol at each site is centered on the major workings, group of workings, prospect, or a claim block. Where prospects or mine workings cover a relatively large area the range of latitudes and longitudes is given. Placer workings are distinguished by either a line along the stream or by a 'p' placed next to the symbol. Scattered sites of a single prospect or property are in some cases shown as individual locations with a,b,c, etc., but have identical map numbers. Irregular or discontinuous claim blocks are represented with symbols in the center of each significant portion of the block; the symbols generally have different numbers. See "Names," below, for discussion of how some claim blocks are related to individual mines or prospects.

Many of the sites were plotted from information sources accurate only to the nearest mile. Considering this, the rugged topography, and dense vegetation, such locations are only general guides to the sites described. In the table, coordinates for these sites are reported only to the nearest minute or may be designated "approximate."

Name(s)

The informal name of each site is listed next. When several claim names apply to one site, either the most recent, the more widely known one, or a name related to a topographic feature, is given. In a few cases where several prospects exist at one location, all are listed. Alternative names are given in parentheses. Claim groups of different ages and overlapping claim blocks are also treated in this way.

There is a problem in describing individual mines or prospects in relation to claim blocks. Although some individual mines and prospects are on small claim blocks and thus both can be readily located with a single symbol, others occur within large claim blocks and usually not near the symbol used to mark the center of those blocks. We have tried to minimize the possible confusion by treating the large blocks and their included claims differently than those small blocks and workings easily shown with a single symbol. Large blocks are named "Claim block: Big Sore, Lil Sore, Lode Star" etc., with the names taken directly from the ADGGS (1982) index. Individual workings within such a block are named without the prefix "Claim block."

An alphabetical index of "non-claim" sites follows at the end of all of the descriptions.

Claims

If claims are present, the number is listed for each site. An asterisk

(*) denotes patented claims. Lode and placer claims are distinguished by either (L) or (P). Where separate claim groups are recorded, the size of each group is listed. Several individual sites shown on the map lie within large claim groups and in some cases claim groups may overlap. For this reason the name and size of a given group may be listed for more than one site. Additional information may be obtained from the KARDEX listing maintained by the Alaska Division of Mining (ADM) Office, 794 University Avenue, Fairbanks, AK 99701, or from the ADM office at 400 Willoughby Ave., Juneau, AK 99801.

Resource

The mineral commodities of each site are listed by their chemical symbol or other convention. Precious metals are generally shown first, followed by other elements in order of known abundance. Elements present in trace quantities are shown in parentheses. REE indicates rare earth elements. Where queried, resources are inferred or uncertain.

This information is intended to communicate only that certain elements or combinations of elements are present at each site. No measure of the absolute amounts of the elements is intended.

Form

The morphology of the deposit at each site is given next. Where queried, the form is unknown.

Production/Reserves

The published amounts of materials mined, milled or produced are listed, and measured or inferred reserves are also given. Production is noted first as either short tons (T) of ore and(or) ounces (oz), accompanying grades are given; these are followed by references. If reserves are present, that information is then presented, following the same arrangement. Reported grades are shown either as percentages or as parts per million (ppm). The information is usually uncertain and may be incorrect. No firm estimate of past production or existing resources is intended.

Brief Description

The description is a concise summary of the geologic information obtained from various published sources or from a brief examination of the site. Original terms and measurements have been retained as much as possible. When conflicting or dissimilar terms were used by different authors, the most recent description was favored. Modern terminology has been substituted in some cases.

The extent of known workings is stated, although most are inaccessible and the sources may be inaccurate.

Claim groups are listed with the initial and last known year of activity.

A description of samples taken and the analytical results are given near the end of some descriptions. Samples were analyzed by atomic absorption and semiquantitative emission spectrometric methods. The results of the limited

sampling done during this work may not agree with previous reports and no quantitative estimate of resources or grade is intended.

Status

This refers to the present work. If the locality was not visited, then no entries are given after the words "located," "workings," "sampled." If the locality was visited, then appropriate entries follow.

References

This column lists, in chronological order, the references used in the compilation of the tables. The complete references are given below. Page numbers are given to simplify the reader's task in locating information. U.S. Geological Survey Open-File Report 84-564 (Douglass and Cobb, 1984) is a complete bibliography for the Juneau project area.

Abbreviations

ADGGS - Alaska Department of Geological and Geophysical Surveys
ADM - Alaska Division of Mining
ATDM - Alaska Territorial Department of Mines
oz - troy ounces
ppm - parts per million (34.28 ppm = 1 Troy ounce per short ton)
T - short ton(s)
USBM - United States Bureau of Mines
USGS - United States Geological Survey

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NAME(S): Claim group: Lace River, Ice Claims, Skarn

LATITUDE (N): 59°07'

LONGITUDE (W): 134°49'

NO. OF CLAIMS (*-patented, L-lode, P-placer): 64 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1977

STATUS: Located:
Workings:
Sampled:

REFERENCES: USBM, 1973, no. 1

MAP NO. J001

NAME(S): Casement Glacier moraine

LATITUDE (N): 59°00'00"

LONGITUDE (W): 135°58'08"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu

FORM: Skarn float

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Skarn boulder in moraine with approximately 5%
chalcopyrite. Source not found

STATUS: Located:
Workings:
Sampled:

REFERENCES: Brew and others, 1978, p. C349, no. 82

NAME(S): Unnamed

LATITUDE (N): 58°58'40"

LONGITUDE (W): 135°51'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cu, Zn)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Psilomelane, pyrite, secondary Cu salts in a siliceous gangue associated with volcanic rocks

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 21

NAME(S): Nunatak on Casement Glacier

LATITUDE (N): 57°58'45"

LONGITUDE (W): 135°59'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Nunatak on Casement Glacier

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz-ankerite-barite veins up to 1 ft thick with a 10-15 ft altered zone in a thin-bedded hornfels. Richest sample contained 300 ppm Zn

STATUS: Located:
Workings:
Sampled:

REFERENCES: MacKevett and others, 1971, p. 54, pl. 1, loc. 3
Brew and others, 1978, p. C349, pl. III, no. 83

NAME(S): East of Casement Glacier

LATITUDE (N): 58°55'35"

LONGITUDE (W): 135°57'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu (Mo)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Scattered pyrite is present in altered zones 5-30 ft thick. The zones cut granitic rock near a granite-hornfels contact. Both composite and grab samples contain up to 500 ppm Cu and 5 ppm Mo. An aeromagnetic anomaly is present about 2 miles WSW

STATUS: Located:
Workings:
Sampled:

REFERENCES: MacKevett and others, 1971, p. 41, pl. 1, loc. 4
Brew and others, 1978, p. C349, pl. III, no. 84, pl. 1B

NAME(S): Adams Inlet

LATITUDE (N): 58°52'

LONGITUDE (W): 135°59'

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu (Mo, Co, Ag, Sn)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Pyrite and trace amounts of chalcopyrite and pyrrhotite occur in altered amygdaloidal basalt, concentrated in fractures near altered basaltic dikes. Rock chip samples contained 150-300 ppm Cu, 1-30 ppm Mo. Grab samples had up to 500 ppm Cu, 300 ppm Co, 30 ppm Mo, 1 ppm Ag, and 10 ppm Sn

STATUS: Located:
Workings:
Sampled:

REFERENCES: MacKevett and others, 1971, p. 42; pl. 1, no. 5
Cobb, 1972a, no. 7; 1978a, p. 5
Brew and others, 1978, p. C350, pl. III, no. 85

NAME(S): White Glacier

LATITUDE (N): 58°48'50"

LONGITUDE (W): 135°55'25"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 30 L

RESOURCE (in order of abundance, if known): Zn, Cu, Barite (Ag, Sr)

FORM: Disseminated, strata-bound

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Two mineralized areas approx. 1/2 mi apart. Northern area contains iron-stained zones hundreds of ft wide and as much as 1,000 ft long in Permian andesite. Disseminated and small pods of pyrite contain 140 ppm Zn, 30 ppm Cu, 80 ppm Pb, 50 ppm Mo, .05 ppm Au over wide areas. A second location in altered Permian limestone near the andesite-limestone contact contains an 8 ft wide iron-stained zone with pyritic chert and minor amounts of chalcopyrite, sphalerite, silver and gold, ankerite, barite, celestite, strontianite, and witherite. A sample contained 4.5% Zn, .19% Cu, .5% Ba, and 7 ppm Ag. Mineralization is discontinuous and may be remobilized. Other iron-stained zones nearby

STATUS: Located:
Workings:
Sampled:

REFERENCES: MacKevett and others, 1971, p. 4, 42; fig. 1, loc 11; p 11,
loc. 16
Cobb, 1972a, no. 8; 1978a, p. 132
Brew and others, 1978, p. C327-C333

NAME(S): Miller Peak

LATITUDE (N): 58°43'45"

LONGITUDE (W): 135°54'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu(Ag)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Narrow quartz-calcite veins conformable with bedding in silicified and brecciated limestone. Some veins traceable for hundreds of feet. Minerals include pyrite, chalcopryite and malachite. A 3 in. "channel" sample contained 15,000 ppm Cu, 0.7 ppm Ag. A 0.8 ft channel sample in silicified limestone breccia contained 4,200 ppm Cu

STATUS: Located:
Workings:
Sampled:

REFERENCES: Brew and others, 1978, p. C336, fig. C-72, p. C342-344

NAME(S): Sandy Cove

LATITUDE (N): 58°43'30"

LONGITUDE (W): 135°59'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Ag, Au, Cu, (U, W, RE)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz veins 1-12 in. thick in NE-striking, E-dipping discontinuous altered zones 0.2-4.5 ft wide in quartz monzonite and marble. Veins contain pyrite, chalcopyrite, bornite, scheelite, and secondary Fe and Cu minerals. Minor amounts of sulfides and gold occur in the altered zones. Samples contained as much as 50 ppm Ag, 33 ppm Au. Developed by a 110 ft adit. One shipment of 4 tons of test material contained 12 ppm Au, 82 ppm Ag. Other altered zones nearby contained 0.001-0.003% U_3O_8

STATUS: Located:
Workings:
Sampled:

REFERENCES: Reed, 1928, p. 65-68
Rossman, 1963, p. K52
MacKevett and others, 1971, Pl. 1, loc. 7; p. 3-4, 65-65
Cobb, 19721, no. 9; 1978a, p. 118
Brew and others, 1978, fig. C-71, p. 335, p. C334-C341
ADGGS, 1982, no. 128

NAME(S): Claim: Sandy Cove

LATITUDE (N): 58°42'20"

LONGITUDE (W): 135°57'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1900

STATUS: Located:
 Workings:
 Sampled:

REFERENCES: ADGGS, 1982, no. 4

NAME(S): Claim: Sandy Cove

LATITUDE (N): 58°42'20"

LONGITUDE (W): 135°55'45"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1900

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 5

NAME(S): York Creek

LATITUDE (N): 58°38'55"

LONGITUDE (W): 135°55'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu (Ni, Co, Au)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: At elevation of about 100 ft: hornfels and limestone with about 15 widely spaced 0.5 ft pyrite-rich quartz veins in up to 50 ft wide alteration zones that strike N10°E and N40°W and dip steeply. Rock chip samples from this zone contained from 50 to 1,500 ppm Cu, 150 ppm Co, 150 ppm Ni, traces of Au. At 400-700 ft elevation an Au iron-stained zone about .5 mi long contains 5-10% pyrrhotite. A sample contained 2,260 ppm Cu and a trace of Au. Aeromagnetic anomalies 1-2 miles N and WSW

STATUS: Located:
Workings:
Sampled:

REFERENCES: MacKevett and others, 1971, pl. 1, loc. 8, p. 42
Brew and others, 1978, p. C365-C366, pl. 1B

NAME(S): Berg Mountain

LATITUDE (N): 58°57'25"

LONGITUDE (W): 135°42'

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Y)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Disseminated pyrite in iron-stained siliceous rocks.
Trace of yttrium detected in a heavy-mineral
concentrate. An aeromagnetic anomaly occurs nearby

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 22
Berg and Cobb, 1967, p. 162
Cobb, 1972a, no. 1; 1978a, p. 31
Brew and others, 1978, pl. 1B

NAME(S): Berg Creek

LATITUDE (N): 58°57'30"

LONGITUDE (W): 135°37'51"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cr, Cu

FORM: Stream sediment geochem anomaly

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: An area of several square miles(?) of volcanic rocks and siliceous argillite with high background values of Cr and Cu. The highest Cr values occur at T. 33 S., R. 61 E., sec. 31, along a south-flowing stream whose source is hidden by a glacier and rock slide. Stream sediments contained up to 2,000 ppm Cr, as chromite. Fuchsite is reported in calcareous float

STATUS: Located:
Workings:
Sampled:

REFERENCES: MacKevett and others, 1971, p. 4, 17, fig. 1, loc. E
Brew and others, 1978, p. C348, pl. III, no. 79

NAME(S): Unnamed

LATITUDE (N): 58°58'30"

LONGITUDE (W): 35°33'35"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Co, Cu, (Zn, As)

FORM: Disseminated(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Siliceous greenschist with pyrrhotite, chalcopyrite, and pyrite

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 16
Cobb, 1972a, no. 2

NAME(S): Unnamed

LATITUDE (N): 58°57'12"

LONGITUDE (W): 135°26'05"

NO. OF CLAIMS (*-patented, L-lode, P-placer);

RESOURCE (in order of abundance, if known): (Cu, Zn)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Pyrite crystals in quartz veins and pods in phyllite

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 19

NAME(S): Unnamed

LATITUDE (N): 58°55'59"

LONGITUDE (W): 135°39'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Zu, (Zn, As)

FORM: Float

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Boulder from moraine contains pyrite and chalcopyrite

STATUS

Located:

Workings:

Sampled:

REFERENCES: Lathram and others, 1959, no. 17
Cobb, 1972a, no. 3; 1978a, p. 139

NAME(S): Unnamed

LATITUDE (N): 58°55'45"

LONGITUDE (W): 135°36'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Zn)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Iron-stained mafic volcanic rocks

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 23

NAME(S): Mt. Young (#2)

LATITUDE (N): 58°53'10"

LONGITUDE (W): 135°34'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu (Mo, Au, Ag, W)

FORM: Disseminated, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Ankerite zones as much as 30 ft thick cut granitic or volcanic(?) rocks. A 24-ft chip sample across a heavily pyritized zone contained 350 ppm Cu, 7 ppm Mo, 0.5 ppm Au, 7 ppm Ag, and a trace of W

STATUS: Located:
Workings:
Sampled:

REFERENCES: MacKevett and others, 1971, p. 41, pl. 1, no. 2
Brew and others, 1978, p. C349, pl. III, no. 81

NAME(S): Mt. Young (#1)

LATITUDE (N): 58°54'17"

LONGITUDE (W): 135°37'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Zn, (Ag, Au, Cu, Mo, Pb)

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Metavolcanic units and slate are cut by mafic dikes, small granitic plutons, shear zones and quartz veins. Sulfides occur as replacements of metavolcanic rocks and in altered slate and hornfels. Two grab samples contained as much as 1,500 ppm Zn and traces of Ag, Cr, Cu, Mo, Pb, and V. A 15-ft chip sample taken at 0.5-ft intervals across one of several pyritic zones in carbonaceous shale yielded anomalous Zn, 0.1 ppm Au and 20 ppm Ag. A grab of similar float contained 0.1 ppm Au and 50 ppm Ag

STATUS: Located:
Workings:
Sampled:

REFERENCES: MacKevett and others, 1971, p. 41, pl. 1, no. 1
Cobb, 1972a, no. 4; 1978a, p. 99
Brew and others, 1978, p. C348, pl. III, no. 80

NAME(S): Claim block: Endicott River

LATITUDE (N): 58°52'20"

LONGITUDE (W): 135°23'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 20 L

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1978

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 172

NAME(S): Mt. Young #3

LATITUDE (N): 58°52'35"

LONGITUDE (W): 135°35'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): Cu (Zn)

RESOURCE (in order of abundance, if known):

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Pyrite and chalcopyrite in siliceous matrix associated with volcanic rocks

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 18
Cobb, 1972a, no. 5; 1978a, p. 99

NAME(S): Unnamed

LATITUDE (N): 58°50'31"

LONGITUDE (W): 135°40'25"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu (Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Veinlets of bornite, secondary Cu salts and epidote
associated with siliceous volcanic rocks

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 20
Berg and Cobb, 1967, p. 160
Cobb, 1972a, no. 6; 1978a, p. 138

MAP NO. J023

NAME(S): Claim block: Endicott River?

LATITUDE (N): 58°50'30"

LONGITUDE (W): 135°27'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): L

RESOURCE (in order of abundance, if known): Cu

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim block, 1900

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 102

NAME(S): Claim block: Endy, Mt. Young

LATITUDE (N): 58°49'30"

LONGITUDE (W): 135°34'50

NO. OF CLAIMS (*-patented, L-lode, P-placer): 30 L

RESOURCE (in order of abundance, if known): Cu, Zn

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1974-75. Probably same location referred to in Berg and others, 1981, as containing stratiform massive sulfide deposits

STATUS: Located:
Workings:
Sampled:

REFERENCES: Berg and others, 1981, no. 13a
ADGGS, 1982, no. 142

NAME(S): Unnamed

LATITUDE (N): 58°43'25"

LONGITUDE (W): 135°33'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Zn?

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Pyrite and magnetite in an iron-stained greenstone
granulite. An aeromagnetic anomaly occurs 1-2 miles to
north

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 14
Brew and others, 1978, pl. 1B

NAME(S): Claim block: Endicott River

LATITUDE (N): 58°45'50"

LONGITUDE (W): 135°16'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1965

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 137

NAME(S): William Henry Bay

LATITUDE (N): 58°45'40"

LONGITUDE (W): 135°15'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 30 L, 20 P

RESOURCE (in order of abundance, if known): Cu, Zn, Pb, RE

FORM: Disseminated, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Country rock is metamorphosed Paleozoic volcanics and sediments intruded by a porphyritic Tertiary quartz monzonite. Mineralization consists of veinlets and silicified zones which contain micas, feldspar, iron oxides, pyrite, ilmenite, and minute amounts of euxenite and thorium. Samples contained up to 0.2% eU, and traces of Th and Nb (Matzko and Freeman, 1963). Explored by shallow pits and at least one drill hole. Nearby disseminated pyrite, arsenopyrite, and chalcopyrite occur in cherty rocks. Rock chip and grab samples of vein material contained 3,000-5,000 ppm Ba, 200 ppm La

STATUS: Located:
Workings:
Sampled:

REFERENCES: Latham and others, 1959, no. 15
Matzko and Freeman, 1963, p. 44
Berg and Cobb, 1967, p. 162
Cobb, 1972a, no. 10; 1978a, p.133
Eakins, 1975, p. 12, 14-17
ADGGS, 1982, no. 91

NAME(S): Claim: William Henry Bay

LATITUDE (N): 58°44'05"

LONGITUDE (W): 135°14'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1955

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 109

NAME(S): Claim blocks: William Henry Bay

LATITUDE (N): 58°42'20"

LONGITUDE (W): 135°12'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 58 L

RESOURCE (in order of abundance, if known): Zn?, Cu?, Mo?

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1965-82. Recent drilling reported

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 6, 135, 170

NAME(S): Alaska-Endicott

LATITUDE (N): 58°41'45"

LONGITUDE (W): 135°15'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au, Ag(Cu)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

200 T; 48 oz Au; 20 oz Ag (Mertie, 1921)

DESCRIPTION: Greenstone flows and tuff host a N80°E-striking, 70°S-dipping quartz-calcite breccia vein with chalcopryite, pyrite, and traces of gold and silver. Ore produced was about 8% sulfides. Remaining material contains 2% Cu or less. Vein pinches and swells, contains veined and altered horizons, and is offset by many small displacement faults. A similar, smaller vein is reported nearby. Development 1915-23, with a total of 2,400 ft of workings, most ore from 3 small stopes. Samples of calcite veins with quartz (10-20%), pyrite (1-3%), and chalcopryite (1-2%) contained .5-1% Cu, .5% Zn, 10-15 ppm Ag

STATUS: Located: Yes
Workings: Open
Sampled: Yes

REFERENCES: Chapin, 1916, p. 76
Mertie, 1921, p. 109-112
Twenhofel and others, 1949, p. 28-30
Herbert and Race, 1965, p. 25
Berg and Cobb, 1967, p. 162
Cobb, 1972a, no. 11; 1978a, p. 13-14
Eakins, 1975, p. 15

NAME(S): Claim block: St. James Bay

LATITUDE (N): 58°36'30"

LONGITUDE (W): 135°15'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): ? L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1900

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 101

NAME(S): Nun Mtn.

LATITUDE (N): 58°29'53"

LONGITUDE (W): 135°15'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Pyrite veinlets in limestone and silicified argillite
near granodiorite contact

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 13

NAME(S): Claim block: Lynn Sisters

LATITUDE (N): 58°28'10"

LONGITUDE (W): 135°13'47"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 9 P

RESOURCE (in order of abundance, if known): Au? ..

FORM: Placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1880-1980.. Approximate center of N-S and E-W
connected blocks

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 189

NAME(S): Glacier Bay, Peak 3051

LATITUDE (N): 58°27'50"

LONGITUDE (W): 135°33'05"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 36 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: An area of diorite near Peak 3051 contains about 2%
pyrrhotite

STATUS: Located:
Workings:
Sampled:

REFERENCES: Brew and others, 1978, p. C35
ADGGS, 1982, no. 144

NAME(S): Claim: Excursion Inlet

LATITUDE (N): 58°26'50"

LONGITUDE (W): 135°27'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1968

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 146

NAME(S): Claim blocks: Alaska Silver King, Excursion Inlet

LATITUDE (N): 58°27'00"

LONGITUDE (W): 135°26'05"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 16 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1979-83

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 85, 233

NAME(S): Exray, Pit no. 6

LATITUDE (N): 58°26'18"

LONGITUDE (W): 135°32'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L; 6 P(?)

RESOURCE (in order of abundance, if known): Cu (Ag)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Calcite veins with chalcopryite in calcareous argillite, limestone breccia, and limestone-calcite breccia. Three samples ranged from 1,800 to 8,700 ppm Cu, trace Ag (Brew and others, 1978). Six prospects

STATUS: Located:
Workings:
Sampled:

REFERENCES: Williams, 1956, p. 112-119
Brew and others, 1978, p. C358-C362
ADGGS, 1982, no. 141 (location is probably wrong on ADGGS map)

NAME(S): Claim group: Excursion Inlet

LATITUDE (N): 58⁰25'45"

LONGITUDE (W): 135⁰29'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L

RESOURCE (in order of abundance, if known): Cu?

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1955, probably extend to or are located on ridge
to west of map symbol

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 108

NAME(S): Excursion Inlet

LATITUDE (N): 58°25'15"

LONGITUDE (W): 135°28'50

NO. OF CLAIMS (*-patented, L-lode, P-placer): 12 L

RESOURCE (in order of abundance, if known): Cu

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1955-68. Claims probably extend westward to top
of ridge

STATUS: Located:
Workings:
Sampled:

REFERENCES: Brew and others, 1978, p. C358
ADGGS, 1982, no. 107

NAME(S): Claim block: Gustavus Beach

LATITUDE (N): 58°24'30"

LONGITUDE (W): 135°41'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 6 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1882-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 227

NAME(S): Howard Bay, Copper King

LATITUDE (N): 58°18'10"

LONGITUDE (W): 135°04'25"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 15 L

RESOURCE (in order of abundance, if known): Pb, Ag, Zn, Cu

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Reported Ag-Pb ore discovered in 1921, considerable development. Claims, 1926-82

STATUS: Located:
Workings:
Sampled:

REFERENCES: Brooks, 1923, p. 21
Berg and Cobb, 1967, p. 162
Cobb, 1972a, no. 12; 1978a, p. 71
ADGGS, 1982, no. 15, 90

NAME(S): Claim: Neka Bay

LATITUDE (N): 58°07'50"

LONGITUDE (W): 135°49'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1957

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 114

NAME(S): Claim block: Hoonah

LATITUDE (N): (a) 58°08'25" (b) 58°07'20" (c) 58°06'00"
LONGITUDE (W): 135°24'15" 135°27'10" 135°25'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 17 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate centers of three parts of an irregular block
of claims

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 149

MAP NO. J044

NAME(S): Claim: Big Iron

LATITUDE (N): 58°02'30"

LONGITUDE (W): 135°31'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1964

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 132

MAP NO. J045

NAME(S): Claim block: Lincoln Island

LATITUDE (N): 58°30'37"

LONGITUDE (W): 135°01'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 8 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1953

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 3

MAP NO. J046

NAME(S): Claim block: Numbo /

LATITUDE (N): 58°23'10"

LONGITUDE (W): 134°56'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 96 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of claim group, 1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 223

NAME(S): Barron, Skarn

LATITUDE (N): 58°17'45"

LONGITUDE (W): 134°50'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 421 L

RESOURCE (in order of abundance, if known):

FORM: Skarn

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: A 10 ft thick magnetite and pyrrhotite-bearing skarn. The marble unit may be traced for almost 2,000 ft to the NW and a short distance to the SE. Part of a large NW-trending claim block

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 166
G. A. Moerlein, written commun., 1984

NAME(S): Portage, Bear Creek

LATITUDE (N): 58°17'00"

LONGITUDE (W): 134°51'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Cu, Pb, Au

FORM: Stratiform, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Lenticular masses of quartz in slate with considerable pyrite and chalcopryite and small amounts of galena, traces of gold. Nearby chlorite-mica schist above a greenstone footwall contains a 40 ft zone of quartz-calcite veins and small masses of pyrite and chalcopryite. Locations do not agree, not locatable. Developed by a shaft and open cuts before 1908. See also Seattle, Mansfield Mining Co., Mammoth, Young Bay, Alaska Treasure

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright, 1906, p. 148, 150
Wright and Wright, 1906, p. 40
Wright, 1907, p. 59
Berg and Cobb, 1967, p. 140
Race and Rose, 1967, p. 19
Cobb, 1972a, no. 65; 1978a, p. 111
ADGGS, 1982, no. 30

NAME(S): Claim: Funter Bay

LATITUDE (N): 58°16'00"

LONGITUDE (W): 134°50'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Cu, Pb, Zn

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1908

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 31

NAME(S): Claim block: Robert Barron Peak

LATITUDE (N): 58°14'00"

LONGITUDE (W): 134°47'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 421 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of large NNW-trending claim block,
1975-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 166

NAME(S): Claim: Bear Creek

LATITUDE (N): 58°15'50"

LONGITUDE (W): 134°48'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 P

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1967-68

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 139

MAP NO. J052

NAME(S): Claim: Mt. Robert Barron

LATITUDE (N): 58°15'30"

LONGITUDE (W): 134°53'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1970

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 150

NAME(S): Mansfield

LATITUDE (N): 58°15'40"

LONGITUDE (W): 134°51'00" approximate

NO. OF CLAIMS (*-patented, L-lode, P-placer): 80 L

RESOURCE (in order of abundance, if known): Cu, Pb, Zn

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Several conformable quartz veins, 3-6 ft wide, 100 ft apart in schist contain considerable chalcopryrite and pyrrhotite, with minor galena and sphalerite. Exploration before 1918 by tunnel and crosscut. Claims, 1908; included in large block of claims 1975-82. See also Portage (this table no. J048)

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright, 1907, p. 59; 1909, p. 72
Eakin, 1918, p. 85-86
Berg and Cobb, 1967, p. 140
Cobb, 1972a, no. 66; 1978a, p. 89
ADGGS, 1982, no. 31, 100

NAME(S): Bear Cr.

LATITUDE (N): 58°15'24"

LONGITUDE (W): 134°48'25"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4 L

RESOURCE (in order of abundance, if known): Asbestos

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: A band of tremolite asbestos in amphibole schist strikes N 45° W, dips 90°. The band is as much as 18 in. wide and is exposed for 60 ft along strike. Material observed was weathered, brittle, and weak. Other veins are 3/4 in. wide and 6-8 in. long. Prospecting and claims, 1930-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: Smith, 1930b, p. 71-72;
Twenhofel and others, 1949, p. 34-37;
Lathram and others, 1965
Race and Rose, 1967, p. 19
Cobb, 1978a, p. 29
ADGGS, 1982, no. 37

MAP NO. J055

NAME(S): Claim block: Funter Bay, Cobalt, Nickel, Admiralty-Alaska

LATITUDE (N): 58°13'47"

LONGITUDE (W): 134°51'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 30* L, 125 L

RESOURCE (in order of abundance, if known): Ni, Cu, (Co)

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of large claim block, 1966-1982,
includes the Willoughby, Tellurium, and Admiralty-Alaska:
Mertie Lode and other groups

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 24, 86, 87, 100

NAME(S): Admiralty-Alaska: Willoughby, Tellurium

LATITUDE (N): 58°13'30" - 58°14'30"

LONGITUDE (W): 134°51'40" - 134°53'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au, Pb, Zn, Cu

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
10,000-15,000 oz Au, together with Alaska-Dano and Hawk Inlet properties (Berg and Cobb, 1967)

DESCRIPTION: Country rock is jointed, folded greenschist, quartz-mica schists, graphitic phyllite, marble and minor aplite and albitized diorite intrusives. Quartz fissure veins crosscut foliation, trend NE, dip SE. Some stringers and thin pyrrhotite seams follow the foliation. Numerous parallel veins range from 3-10 ft wide, average 3 ft wide, and consist of white quartz, vitreous quartz, albite, carbonate, and varying amounts of quartz-chlorite. Sulfides are pyrite, pyrrhotite, galena, and minor sphalerite and chalcopryite. White quartz usually has low gold values; free gold is associated with sulfides, especially sphalerite, and clear, vuggy quartz. Schists adjacent to veins also contain free gold and sulfides. Development 1894-1936 of over 3,000 ft of underground workings

STATUS: Located:
Workings:
Sampled:

REFERENCES: Becker, 1898, p. 77-78
Wright and Wright, 1905, p. 55
Wright, 1906, p. 149
Eakin, 1918, p. 86-92
Buddington, 1926, p. 41-46
Berg and Cobb, 1967, p. 137
Race and Rose, 1967, p. 19-20
Cobb, 1972a, no. 67; 1978a, p. 6-10

NAME(S): Admiralty-Alaska: Mertie Lode

LATITUDE (N): 58°14'30"

LONGITUDE (W): 134°51'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu, Ni, Co

FORM: Disseminated, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

Reserves 500,000 T, 4,000 ppm Cu, 4,500 ppm Ni (Noel, 1966)

Recovery tests 3,000 ppm Cu, 2,600 ppm Ni, 700 ppm Co (Berg and Cobb, 1967)

DESCRIPTION: Country rock is intensely folded quartz-mica schist, green-schist and phyllite striking NNW, dipping East. An irregular elliptical gabbro pipe 60-200 ft in diameter intrudes the schist, plunging 30° S, 80° E. Traces of disseminated pyrrhotite and pyrite and thin quartz lenses occur in the quartz-mica schist within 20 ft of the pipe. A 50-150 ft wide orthoclase=cordierite hornfels surrounds the gabbro. Most of the pipe is a gray, massive, fine- to medium-grained labradorite-augite-gabbro or norite with traces of sulfides and hydrothermal alteration. An area 360 ft by 60 ft by 40 ft along the lower edge or keel of the pipe consists of olivine-hornblende-labradorite-augite gabbro with 27% pyrrhotite, 2.6% pentlandite, 2.5% chalcopyrite, and 0.4% pyrite. The pentlandite and chalcopyrite exist as rims and interstitial grains around the pyrrhotite. Some of the Ni-Cu probably exists as exsolutions or as lattice constituents in the pyrrhotite or olivine. Minor amounts of secondary hornblende, micas, magnetite, talc and serpentine are associated with the sulfide-bearing gabbro. Extensive exploration by the Defense Exploration Administration 1951-56 with over 1,000 ft of workings and 6,000 ft of drilling

STATUS: Located:
Workings:
Sampled:

REFERENCES: Reed, 1942, p. 0349-0361
Holt and Moss, 1946
Twenhofel, 1953, p. 1-10
Barker, 1963
Noel, 1966, p. 226
Berg and Cobb, 1967, p. 137-140
Cornwall, 1968, p. 13
Cobb, 1972a, no. 67; 1978, p. 6-10

NAME(S): Clam Bed

LATITUDE (N): 58°13'50"

LONGITUDE (W): 134°53'55"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3* L

RESOURCE (in order of abundance, if known): Au

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims patented 1907

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1905, p. 55
Mertie, 1921, p. 116-118
ADGGS, 1982, no. 110

NAME(S): Alaska Dano, War Horse

LATITUDE (N): 58°13'00"

LONGITUDE (W): 134°52'05"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 31* L

RESOURCE (in order of abundance, if known): Au, Ag (Cu, Pb, Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

5 T, 25 oz Au (Mertie, 1921); less than 100 oz Au ((Cobb, 1978a)

DESCRIPTION: Country rock is (meta-volcanic) quartz-mica and chlorite schists, striking NE, dipping SE. Many small 2-24 in. wide quartz veins parallel strike and dip either NW or SE. Some veins branch out into the schists. Mineralization includes minor amounts of pyrite, pyrrhotite and disseminated free gold. Some high Ag values reported. Total development of 320 ft of drifts and tunnels, 2 shafts. Two small shipments of hand-sorted ore. Claims 1887-1932. See also Nowell-Otterson

STATUS: Located:
Workings:
Sampled:

REFERENCES: Becker, 1898, p. 77-78
Wright and Wright, 1905, p. 55;
Eakin, 1918, p. 85
Mertie, 1921, p. 116-118
Buddington, 1926, p. 41-44
Smith, 1932, p. 16
Race and Rose, 1967, p. 20
Cobb, 1972a, no. 68; 1978a, p. 12
ADGGS, 1982, no. 23

NAME(S): Nowell-Otterson, Big Thing

LATITUDE (N): 58°12'30"

LONGITUDE (W): 134°51'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer): See Alaska Dano

RESOURCE (in order of abundance, if known): Au, Ag, Pb, (Cu, Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Numerous veins near a granitic intrusive in quartz-mica schists, and chlorite and graphitic schists strike N 10-20° W, dip NE parallel to regional strike. One vein ranges from 15-25 ft wide and has been traced for over 2,300 ft. It is locally well mineralized, with pyrite, pyrrhotite and minor amounts of galena, specular hematite and free gold. Another vein is 30 in. thick, consists of white quartz with pyrite, specular hematite and minor amounts of chalcopyrite, galena, and copper oxides. It is crosscut by a calcite vein. Developed by two shafts(?) and an unknown amount of drifting, many open cuts

STATUS: Located:
Workings:
Sampled:

REFERENCES: Becker, 1898, p. 77-78
Wright and Wright, 1905, p. 55
Eakin, 1918, p. 85
Mertie, 1921, p. 116-118
Buddington, 1926, p. 41-44
Smith, 1932, p. 16
Race and Rose, 1967, p. 20
Cobb, 1978a, p. 12
ADGGS, 1982, no. 23 (same as cited for Alaska Dano)

NAME(S): Unnamed occurrence

LATITUDE (N): 58°11'55"

LONGITUDE (W): 134°49'55"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cu, Pb)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Disseminated pyrite, chalcopyrite, and galena in siderite-cemented quartz breccia

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 4

NAME(S): Claim block: Mansfield Peninsula

LATITUDE (N): 58°11'20"

LONGITUDE (W): 134°49'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 506 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of large claim group, 1978-82

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 169

NAME(S): Claim block: Hawk Inlet

LATITUDE (N): 58°11'40"

LONGITUDE (W): 134°44'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1962

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 127

NAME(S): Williams Vein, Alaska Empire mine

LATITUDE (N): 58°11'00" (approximate)

LONGITUDE (W): 134°47'00", (approximate)

NO. OF CLAIMS (*-patented, L-lode, P-placer): 30 L

RESOURCE (in order of abundance, if known): Ag, Au, Cu, Pb, Zn

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Country rock is quartz mica schist, graphitic phyllite, intermediate intrusive rocks and minor slate. The units trend NW, dip steeply NE. The mine area has two sets of persistent fractures which strike N-S and N 200-400 E and dip steeply E. Quartz veins, 10-50 ft wide and 500 ft or more long, follow the fractures. The Williams vein is 20-50 ft wide, 500 ft long and has at least 200-400 ft vertical extent. It is composed of both white, massive, barren quartz and bluish, friable quartz with pyrite, and rare pyrrhotite, chalcopyrite, galena, sphalerite and 1-34 ppm gold and silver. The vein is bound by gouge and the hanging wall is impregnated with 1-5% pyrite over a 6+ ft width. The quartz is fractured and filled with late quartz, calcite and sulfides. Development 1923-40 of several hundred ft of workings and a glory hole. All production from the Williams vein. Much trenching and minor workings on 10 other veins within 1,500 ft of the mine. Two 6-12 ft samples collected in 1983 in the glory hole contained 1-5 ppm Ag and traces of Au, Pb, Zn

STATUS: Located: Yes
Workings: Caved
Sampled: Yes

REFERENCES: Buddington, 1925, p. 72; 1926, p. 47-50
Smith, 1934, p. 17
ATDM, unpub. data, 1941
Berg and Cobb, 1967, p. 137
Race and Rose, 1967, p. 14-15, 20
Cobb, 1972a, no. 69; 1978a, p. 66-67
ADGGS, 1982, no. 32, 163, 231

MAP NO. J065

NAME(S): Claim block: Prospect Creek

LATITUDE (N): 58°11'15"

LONGITUDE (W): 134°45'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 P

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1958-1973

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 116

NAME(S): Claims: Hawk Inlet

LATITUDE (N): 58°10'45"

LONGITUDE (W): 134°45'15"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 5 L

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1954-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 88, 89

NAME(S): Alaska Rand

LATITUDE (N): 58°10'10"

LONGITUDE (W): 134°45'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 7 L

RESOURCE (in order of abundance, if known): Au, Ag

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
0-1 ppm Au (ATDM, 1938)

DESCRIPTION: Phyllites and schists with foliated greenstone lenses strike N 25° W, dip 60° W. Three white quartz lenses 1-6 ft wide and as much as 90 ft long strike N 25° W, dip 85° W. Mineralized lenses are banded, white and clear quartz and some carbonate. Sparse pyrite and arsenopyrite occur in both the quartz and the altered phyllite. Explored by trenches and a 25-ft crosscut. Claims, 1983. Location may be the same as no. J064

STATUS: Located:
Workings:
Sampled:

REFERENCES: ATDM, unpub. data, 1938
ADGGS, 1982, no. 96

MAP NO. J068

NAME(S): Claim block: Hawk Inlet

LATITUDE (N): 58°09'15"

LONGITUDE (W): 134°43'25"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 386 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of northern of two claim groups, 1974-1983

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 158

NAME(S): Unnamed

LATITUDE (N): 58°07'40"

LONGITUDE (W): 134°46'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cu)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Pyrite, traces of chalcopyrite in schist

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 5

NAME(S): Claim block: Tom

LATITUDE (N): 58°07'20"

LONGITUDE (W): 134°44'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 100 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of center group of a three part claim group, 1975-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 162

MAP NO. J071

NAME(S): Claim block: Tom

LATITUDE (N): 58°08'05"

LONGITUDE (W): 134°41'27"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 100 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of northeastern of a three-part claim group, 1975-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 162

NAME(S): Claim block: Baldy Mt.

LATITUDE (N): 58°08'30"

LONGITUDE (W): 134°35'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1975-1976

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 160

NAME(S): Claim group: Eagle Peak

LATITUDE (N): 58°07'45"

LONGITUDE (W): 134°35'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 125 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of northern of a two-part claim group,
1975-1977

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 165

NAME(S): Claim block: Jimbo

LATITUDE (N): 58°08'20"

LONGITUDE (W): 134°27'25"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 30 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1975-1976

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 164

NAME(S): Mammoth

LATITUDE (N): 58°06'50"

LONGITUDE (W): 134°38'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4* L

RESOURCE (in order of abundance, if known): Zn, Pb, Ag (Barite, Cu, As)

FORM: Disseminated, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Country rock is greenschist, quartz-muscovite schist and minor calc-silicate. Zones in schist contain disseminated pyrite and pods of pyrite in an area several hundred ft wide. Three E-W trending mineralized zones 25-75 ft wide contain quartz-carbonate-mariposite with 1-6 in. ribbons of pyrite, sphalerite, and galena with minor silver and gold. Previous samples averaged about 1-2% Zn and minor Pb, Ag, Au over a width of several ft (WGM, 1980). Developed by a 165-ft adit and several prospect pits. Recent prospecting resulted in a reported magnetic anomaly.
A 4.5 ft sample collected in 1983 contained 2% Zn, .5% Ba, 280 ppm As and a 8.1 ft sample contained 1,100 ppm Zn, 320 ppm As, .65 ppm Au

STATUS: Located: Yes
Workings: Caved
Sampled: Yes

REFERENCES: Wright and Wright, 1905, p. 55-56; 1906, p. 40
Wright, 1906, p. 150
Berg and Cobb, 1967, p. 140
Race and Rose, 1967, p. 19
Cobb, 1972a, no. 71; 1978a, p. 87
WGM, unpub. report, 1980
ADGGS, 1982, no. 52

NAME(S): Claim block: Tom

LATITUDE (N): 58°06'

LONGITUDE (W): 134°44'

NO. OF CLAIMS (*-patented, L-lode, P-placer): 100 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of southwestern of a three part claim group, 1975-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 162

NAME(S): N. Greens Creek

LATITUDE (N): 58°06'15"

LONGITUDE (W): 134°40'17"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Zn, As)

FORM: Shear zone, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: A persistent shear zone in a carbonate unit contains 5-10% mariposite and quartz stringers with sparse pyrite. Samples collected in 1983 contained traces of Zn, As, Cd, Sb

STATUS: Located: Yes
Workings:
Sampled: Yes

REFERENCES: D. E. Wells, unpub. field notes

NAME(S): Unnamed

LATITUDE (N): 58°06'20"

LONGITUDE (W): 134°36'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Zn, Pb, As, Barite)

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Dark brown cellular limonite gossan

STATUS: Located:
 Workings:
 Sampled:

REFERENCES: Lathram and others, 1959, no. 1

NAME(S): Mariposa Ridge

LATITUDE (N): 58°05'48"

LONGITUDE (W): 134°40'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Ba, Pb, Zn, Ag, Au)

FORM: Shear zone, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Shear zone in dolomite with mariposite and quartz stringers. Nearby meta-volcanic unit also sheared and sparsely mineralized. A sample of vein material collected in 1983 contained .7% Pb, .3% Zn, .25 ppm Ag and a quartz-rich meta-volcanic sample contained .5% Ba and traces of As, Ag, Au

STATUS: Located: Yes
Workings:
Sampled: Yes

REFERENCES: D. E. Wells, unpub. field notes

MAP NO. J080

NAME(S): Unnamed occurrence

LATITUDE (N): 58°05'20"

LONGITUDE (W): 134°39'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Fe (Pb, Zn, As)

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Sample of pyrite in spongy quartz within a small outcrop of sheared and serpentized ultramafic rock along a NW-SE fault

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 7

MAP NO. J081

NAME(S): Claim block: Big Sore

LATITUDE (N): 58°04'50"

LONGITUDE (W): 134°39'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 386 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of southern of two claim groups, 1974-1983

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 158

NAME(S): Greens Creek

LATITUDE (N): 58°04'30"

LONGITUDE (W): 134°37'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Zn, Pb, Cu, Ag, Au, (Sb, Bi)

FORM: Massive, disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

Reserves 3.5 million T, 10% Zn+Pb+Cu, 410 ppm Ag, 5.5 ppm Au (Reed, 1983); 2 million T, 7-10% Zn, 2.5% Pb, .5% Cu, 344 ppm Ag, 3 ppm Au (Dressler and Dunbire, 1981)

DESCRIPTION: Distal volcanogenic massive sulfide deposit along a NW-trending argillite-tuff unit-volcanoclastic unit contact. Deposit is near the nose of an overturned anticline in (possibly) Upper Triassic units. Massive, banded Zn-rich ore occurs in 5 stratiform pods which average 11 ft thick. Disseminated and veined pyrite, pods and veins of quartz-pyrite, and chalcopyrite-bornite veins are stratigraphically below(?) these pods. The amounts of quartz and pyrite locally increases near the massive ore. White chert and barite-rich zones with high Ag, Au values occur on the ends of the massive ore zone. Mineralization includes pyrite, sphalerite, galena, chalcopyrite, bornite, pyrrhotite, tetrahedrite, bournonite and Ag,-Bi sulfosalts. Sericite, chlorite, talc, and mariposite are present in the tuffite below the mineralization. Active development and exploration, including (as of 1983) a 4,244-ft adit, a 400-ft crosscut and 67,000 ft of drilling. Mining is planned beginning in late 1986

STATUS: Located: Yes
Workings: Open
Sampled: Yes

REFERENCES: Lathram and others, 1965
Dunbire, 1981
Berg and others, 1981, no. 145a
ADGGS, 1983, p. 14-15
Reed, 1983, p. 30-32

MAP NO. J083

NAME(S): Claim block: Eagle Peak

LATITUDE (N): 58°05'37"

LONGITUDE (W): 134°32'25"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 125 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of southern of two part claim group

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 165

NAME(S): Salmon River Junction

LATITUDE (N): 58°04'00"

LONGITUDE (W): 134°27'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L

RESOURCE (in order of abundance, if known): REE, (Zn, Nb, Ci, Ti, Zn,
As, Y, Sr, Pr, Nd)

FORM: Pegmatite

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Country rocks are granite, migmatite, and contact-
metamorphic units. Samples of heavy minerals from
pegmatites contain several rare-earth elements

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 26-27
Berg, 1960, p. B38
Cobb, 1972a, no. 72
ADGGS, 1982, no. 153

NAME(S): Unnamed

LATITUDE (N): 58°01'40"

LONGITUDE (W): 134°47'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Ni, (Cr, Zn)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Disseminated sulfide and oxide minerals in altered
(serpentinized) ultramafic sill

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 6
Cobb, 1972a, no. 70

NAME(S): KNS

LATITUDE (N): 58°54'15"

LONGITUDE (W): 135°06'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 5 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1881-1983

STATUS: Located:
 Workings:
 Sampled:

REFERENCES: ADGGS, 1982, no. 214

NAME(S): Ivanhoe

LATITUDE (N): 58°52'56"

LONGITUDE (W): 135°06'08"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3* L

RESOURCE (in order of abundance, if known): Au

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

3,000 T; 340 oz Au; (Wright and Wright, 1906)

DESCRIPTION: Four quartz veins in altered basaltic lava flows, 3,000 ft from nearest diorite. Developed by over 1,000 ft of tunnels and drifts, most on one vein which ranges from 1-9 ft thick, averages 5 ft. Most work 1897-1903

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1906, p. 33
Knopf, 1911a, p. 38-39
Berg and Cobb, 1967, p. 160
Cobb, 1972a, no. 13; 1978a, p. 74

NAME(S): Claim blocks: Kensington, Bear, Horrible, Kensington, N. Bell, Comet, Eureka, Sherman Cr., Mexican, Savage, Seward, Johnson, Gold King, Ophir, Ivanhoe

LATITUDE (N): 58°52'
LONGITUDE (W): 135°05'

NO. OF CLAIMS (*-patented, L-lode, P-placer): about 339 L, 55* L, 2 P

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Symbol is at approximate center of northernmost of four claim groups that trend NW and include the Bear, Horrible, Kensington, Ophir, Seward, Johnson, No. Bell, Comet, Gold King, Indiana, Jualin, Falls, Fremming, and other properties (see descriptions below)

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 8-14, 16, 113

NAME(S): Ophir

LATITUDE (N): 58°52'10"

LONGITUDE (W): 135°06'05"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: A quartz vein in diorite strikes N 60° W, dips 45° NE, ranges 2-6 ft wide. Sparse pyrite mineralization; vugs with quartz crystals common. Low gold content. Several hundred feet of workings, 3 tunnels and one drift. Most work completed before 1910

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1906, p. 33
Knopf, 1911a, p. 39
Cobb, 1972a, no. 14; 1978a, p. 105

NAME(S): Horrible

LATITUDE (N): 58°52'18"

LONGITUDE (W): 135°05'27"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

500 T; 73 oz Au; (Wright and Wright, 1906)

DESCRIPTION: A N-S trending, E-dipping quartz fissure vein with sparse pyrite in chloritized fine-grained diorite. The vein ranges from .1-10 ft thick, averages 5 ft, and has well-defined walls. The property was mined and explored by several hundred feet of tunnels and drifts prior to 1910

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p. 135-136
Wright and Wright, 1906, p. 33
Knopf, 1911a, p. 39
Berg and Cobb, 1967, p. 160
Cobb, 1972a, no. 14; 1978a, p. 70
ADGGS, 1982, no. 9

NAME(S): Claim blocks: Kensington, etc.

LATITUDE (N): 58°51'50"

LONGITUDE (W): 135°07'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of arcuate E-W claim group, the north-central one of the 5 groups first noted above under map no. 16

STATUS: Located:
Workings:
Sampled:

REFERENCES:

NAME(S): Bear

LATITUDE (N): 58°51'45"

LONGITUDE (W): 135°05'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au (Cu, As)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

5,500 T; (Knopf, 1911a)

DESCRIPTION: A quartz vein in chloritized, epidotized diorite strikes N20°W., dips 40-70°E. The vein averages 5 ft thick, 250-300 ft long with at least 200 ft of vertical extent. Contains pyrite and traces of chalcopyrite and arsenopyrite. Small quartz stringers and pyrite cubes are present in some altered wall rock. A second vein strikes N15°W., dips 10-40°E., averages 2-5 ft thick. Two other narrow veins are exposed in the workings. About 1,500 ft of tunnels, drifts and stopes. Most work before 1911

STATUS: Located:
Workings:
Sampled:

REFERENCES: Becker, 1898, p. 62-63
Wright and Wright, 1906, p. 32
Knopf, 1911a
Cobb, 1972, no. 14; 1978a, p. 28

NAME(S): Kensington, Eureka, Seward

LATITUDE (N): 58°51'57"

LONGITUDE (W): 135°05'11"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au (Ag, Pb)

FORM: Stockwork

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

12,000 T; 5-7 ppm Au (Knopf, 1911a); 500,000 T combined reserves
(Eakin, 1918)

DESCRIPTION: Ore bodies are stockworks of quartz veins in high-angle zones of sheared and chloritized diorite. Mineralization is dominantly pyrite with some chalcopyrite and rare galena. The pyrite varies from disseminated euhedral crystals to massive veins as much as 1 ft wide. Gold values coincide with pyrite, only 5% of ore was free-milling. Alteration varies with the intensity of veining, and includes chlorite, epidote, sericite and locally K-feldspar. Gangue is dominantly quartz with lesser amounts of carbonate and albite. The Kensington lode is a generally N-trending, elliptical stockwork 160 ft by 80 ft, dipping 60° E, with a vertical extent of over 1,000 ft. The veins are irregular, 1 in-1 ft wide and generally parallel the stockwork boundaries. The Eureka lode occurs several hundred ft west of the Kensington, with an outcrop length of 400 ft and a width of 30-40 ft at a depth of 350 ft. Production before 1901, considerable development 1904 and 1911-16. A 5,000-ft tunnel connects the Eureka, Kensington, Northern Belle and Johnson veins. Active exploration

STATUS: Located: Yes
Workings: Open
Sampled: No

REFERENCES: Wright and Wright, 1906, p. 32-33
Knopf, 1911a, p. 40-42
Eakin, 1918
Berg and Cobb, 1967, p. 159-160
Cobb, 1972a, no. 14; 1978a, p. 81-82

NAME(S): Johnson, Gold King

LATITUDE (N): 58°52'40"

LONGITUDE (W): 135°04'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au

FORM: Stockwork, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: A stockwork of quartz stringers trending generally N15°W, dipping steeply E, with abundant pyrite in shattered diorite along the diorite, meta-amygdaloidal basalt contact. Sampling indicated a 1,500-ft by 50-70 ft body of close- to wide-spaced quartz stringers and veinlets with abundant pyrite, grading into widely spaced, lower grade veins. Vertical extent is probably a minimum of 400-800 ft. Connected by Kensington crosscut about 1913 and explored by 1,600 ft of drifts and crosscuts and numerous open cuts

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p. 137
Wright and Wright, 1906, p. 33-34
Knopf, 1911a, p. 43-44
Brooks, 1914, p. 59
Eakin, 1915, p. 101; 1918, p. 82-83
Chapin, 1916, p. 77-78
Cobb, 1971a, no. 15, 17
Cobb, 1978a, p. 60, 76

NAME(S): Northern Belle

LATITUDE (N): 58°51'40"

LONGITUDE (W): 135°04'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
23,000 T; (Wright and Wright, 1906)

DESCRIPTION: Quartz vein in diorite along the diorite-greenschist contact. The vein trends northerly, dips steeply to E, and is 2-10 ft wide. Gold associated with sulfides, but was apparently 78% free-milling. Reported grades of 1-5 ppm Au, ore shipped averaged 24 ppm Au. Production 1896-97. Orebody similar to the Comet mine

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1906, p. 32
Berg and Cobb, 1967, p. 160
Cobb, 1972a, no. 15; 1978a, p. 102

NAME(S): Sweeny Creek

LATITUDE (N): 58°51'02"

LONGITUDE (W) 135°07'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au?

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Wide quartz lode, reported satisfactory results from
prospecting in 1905

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1906, p. 34
Knopf, 1911a, pl. 1

MAP NO. J097

NAME(S): Claim blocks: Kensington, etc.

LATITUDE (N): 58°51'14"

LONGITUDE (W): 135°05'51"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of SW block of the 5 blocks of claims
described under map no. 1

STATUS: Located:
Workings:
Sampled:

REFERENCES:

NAME(S): Comet

LATITUDE (N): 58°51'25"

LONGITUDE (W): 135°04'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au (Cu, Pb)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

50,000 T; 22,250 oz Au; (Wright and Wright, 1906)

DESCRIPTION: Quartz fissure veins in diorite near and almost normal to contact with slate and graywacke. Major vein strikes N5°E, dips 70°E, is 2-9 ft thick, averages 3 ft, and 300-500 ft long, contains diorite inclusions. Vein is faulted off to north. Sulfides are pyrite, chalcopryrite and galena. Gangue is quartz with minor carbonates and feldspar. Gold occurs in rich pockets, as much as 107 ppm, and is closely associated with sulfides; grade averaged about 15 ppm. About 87% of gold is free. Over a mile of workings with a vertical extent of 650 ft. Mine operated from 1894-1901. Production was probably greater than reported. Later consolidated with Kensington and Bear properties. Active exploration

STATUS: Located:
Workings:
Sampled:

REFERENCES: Becker, 1898, p. 62-63, 76-77
Spencer, 1906, p. 136-137
Wright and Wright, 1906, p. 32
Knopf, 1911a, p. 42-43
Smith, 1942a, p. A17
Berg and Cobb, 1967, p. 160
Cobb, 1972a, no. 16; 1978a, p. 42-43

MAP NO. J099

NAME(S): Claim blocks: Kensington, etc.

LATITUDE (N): 58°51'15"

LONGITUDE (W): 135°03'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of SE block of the 5 blocks of claims
described under map no. 16

STATUS: Located:
Workings:
Sampled:

REFERENCES:

MAP NO. J100

NAME(S): Claim blocks: Kensington, etc.

LATITUDE (N): 58°51'

LONGITUDE (W): 135°02' Approximate

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au, (Cu)

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of group of claims and prospects at
the head of Johnson Creek included in groups noted under
map no. 16

STATUS: Located:
Workings:
Sampled:

REFERENCES:

NAME(S): Claim block, Kensington, etc.

LATITUDE (N): 58°50'37"

LONGITUDE (W): 135°06'25"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM: Au

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of southernmost block of the 5 blocks described under map no. 16

STATUS: Located:
Workings:
Sampled:

REFERENCES:

NAME(S): Jualin

LATITUDE (N): 58°50'27"

LONGITUDE (W): 135°02'35"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 34* L, about 140 L

RESOURCE (in order of abundance, if known): Au (Cu, Pb, Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

48,375 oz Au (Cobb, 1978a)

DESCRIPTION: Country rock is fine grained chloritized diorite, 1,200 ft from the contact with slate and greenstone. Three major and two minor quartz-carbonate veins trend NW to NNW, dip steeply E, across a 100-300 ft wide chloritized shear zone. The veins are irregular, braided, and pinch out into shear zones. They range from 1-10 ft wide, average 5 ft, 400-600 ft long, with at least 600 ft vertical extent. Well-mineralized quartz stringer lodes occur where veins change strike. Mineralization is dominantly pyrite with lesser amounts of chalcopyrite, minor galena and rare sphalerite. Gold is 80% free-milling, 14-53 ppm in veins (averaged 20 ppm). Some reported silver assays, yielding 2.8 to 1 Au:Ag ratio. Gangue is quartz with ankerite and some calcite. Diorite is pervasively chloritized with local sericite and epidote. Production 1896-1920 from 3 veins. More than 18,000 ft of workings including a 5,500 ft haulage and dewatering tunnel (not completed) beneath the veins. Active exploration

STATUS: Located: Yes
Workings: Open
Sampled: No

REFERENCES: Wright and Wright, 1906, p. 33-34
Knopf, 1911a, p. 44-47
Chapin, 1916, p. 77
Eakin, 1918, p. 77, 81-82
Mertie, 1921, p. 107-108
Brooks and Capps, 1924, p. 24-25
Berg and Cobb, 1967, p. 159-160
Cobb, 1972a, no. 19; 1978a, p. 78-79
ADGGS, 1982, no. 16, 17, 176
Jones and others, 1984

NAME(S): Indiana

LATITUDE (N): 58°50'45"

LONGITUDE (W): 135°02'37"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu?, Au?

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Workings driven in sheared chloritized diorite. One area about 60 ft from a portal contained quartz stringers with considerable pyrite and sparse chalcopyrite. Explored as a possible extension of the Comet and Jualin mines. Thin gold-bearing stringers encountered, but no production. About 2,800 ft of workings from 3 tunnels, 1896-1911

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1906, p. 34
Knopf, 1911a, p. 44
Cobb, 1972a, no. 19; 1978a, p. 73

NAME(S): Falls

LATITUDE (N): 58°50'

LONGITUDE (W): 135°02

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4 L, 2* L

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Prospect and claims near Jualin mine, 1896-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1906, p. 34
Cobb, 1972a, no. 20; 1978a, p. 55
AdGGS, 1982, no. 18, 123

NAME(S): Fremming

LATITUDE (N): 58°49'40"

LONGITUDE (W): 135°01'26"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 6* L

RESOURCE (in order of abundance, if known): Au (Cu, Pb, Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: A 6-ft zone of quartz-calcite stringers in schist and diorite near the diorite-schist contact. Mineralization consists of pyrite, chalcopyrite, galena, sphalerite and gold. Total development about 145 ft. Claims 1906-1946

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1906, p. 34
Knopf, 1911a, p. 47
Cobb, 1972a, no. 20; 1978a, p. 56
ADGGS, 1982, no. 19

MAP NO. J106

NAME(S): Claim block: Yankee Group, Johnson Ck.

LATITUDE (N): 58°50'00"

LONGITUDE (W): 135°00'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 8 L

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1938

STATUS: Located:
 Workings:
 Sampled:

REFERENCES: ADGGS, 1982, no. 97

NAME(S): This number not used in this report

LATITUDE (N):

LONGITUDE (W):

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION:

STATUS: Located:
 Workings:
 Sampled:

REFERENCES:

NAME(S): Claim block: Greek Boy, Jensen

LATITUDE (N): 58°52'25"

LONGITUDE (W): 134°59'15"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 9 L, 2 P

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1934, includes Greek Boy property (see description below)

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 21, 83

NAME(S): Greek Boy

LATITUDE (N): 58°52'00"

LONGITUDE (W): 134°59'55"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Mineralization occurs in quartz stringers and veins in a 8-20 ft zone of slate near the slate-diorite contact. Sparse, irregular pyrite mineralization and low grade gold. Several hundred feet of workings. Knopf (1911a) states that country rock is schistose basalt.

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p. 136-137
Wright and Wright, 1906, p. 32, 34
Knopf, 1911a, p. 47-48
Berg and Cobb, 1967, p. 160
Cobb, 1972a, no. 18; 1978a, p. 63

NAME(S): Claim: Johnson Creek

LATITUDE (N): 58°47;30"

LONGITUDE (W): 135°00'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1977

STATUS: Located:
 Workings:
 Sampled:

REFERENCES: ADGGS, 1982, no. 167

MAP NO. J111

NAME(S): Claim block: Berners Bay

LATITUDE (N): 58°45'35"

LONGITUDE (W): 134°55'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 9 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1880-1981

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 198

NAME(S): Berners Bay

LATITUDE (N): 58°44'50"

LONGITUDE (W): 134°55'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1* L

RESOURCE (in order of abundance, if known): Au (Cu)

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1900-81

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1907, p. 34
Cobb, 1978a, p. 32
ADGGS, 1982, no. 20

NAME(S): Tacoma

LATITUDE (N): 58°42'25"

LONGITUDE (W): 134°53'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L

RESOURCE (in order of abundance, if known): Au?

FORM: Vein, disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Country rock is slate striking N60°W, dipping NE. Two E-W striking, N-dipping quartz veins and an overlying quartz stringer zone several ft wide are strongly pyritized. A similar 8 ft wide vein and stringer zone several ft wide are strongly pyritized. A similar 8 ft wide vein and stringer zone of rusty, brecciated quartz occurs nearby. Developed by a 70 ft adit and several small workings

STATUS: Located:
Workings:
Sampled:

REFERENCES: Chapin, 1916, p. 78
Cobb, 1978a, p. 124
ADGGS, 1982, no. 22

NAME(S): Claim: Cowee Creek

LATITUDE (N): 58°39'10"

LONGITUDE (W): 134°55'25"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1971

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 151

NAME(S): Gold Standard, California

LATITUDE (N): 58°29'32"

LONGITUDE (W): 134°53'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 7 L

RESOURCE (in order of abundance, if known): Au, (As, Pb)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Gold standard reported to be a 2-6 ft wide stringer lode zone in slate adjacent to greenstone footwall. Contains arsenopyrite and rare galena. A 4.5 ft wide sample contained 10 ppm Au. 1 120 ft tunnel and other development 1905-1912. California reported to be a 3-ft-wide quartz-carbonate stringer zone in greenschist between greenstone and slate. Minor amounts of arsenopyrite and galena. A similar zone occurs in slate a few hundred ft to the NW. Developed by a 160-ft tunnel

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1906, p. 34
Knopf, 1912, p. 46-47
Smith, 1942, p. 17
Cobb, 1972a, no. 21; 1978a, p. 28, 53, 61
ADGGS, 1982, no. 27, 154

NAME(S): Joyce-Jensen, Maud S., Blue Jay

LATITUDE (N): 58°36'20"

LONGITUDE (W): 134°48'55"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4 L

RESOURCE (in order of abundance, if known): Au

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Joyce-Jensen is possibly an extension of the Cottrell-Spaulling prospect (see map no. J122). Quartz stringer lode in slate, 12 ft thick, contains a maximum of 12 ppm Au. Two tunnels, total 140 ft, developed before 1912. Maud S. is a 4.5 ft wide quartz stringer lode with a vertical extent of at least 50 ft. Reported grade of up to 11 ppm Au. Developed by an 80 ft tunnel before 1907. Blue Jay is a quartz stringer lode developed by a 25 ft tunnel

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright, 1908, p. 89
Knopf, 1912, p. 51
Cobb, 1972a, no. 25; 1978a, p. 35, 77, 90
ADGGS, 1982, no. 101

NAME(S): Black Chief

LATITUDE (N): 58°36'10"

LONGITUDE (W): 134°47'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4 L

RESOURCE (in order of abundance, if known): Au (Pb)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: 1 4-20 ft zone of quartz stringers in crushed slate.
Three veins with pyrite and galena were developed by 312
ft of workings

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright, 1909, p. 71
Knopf, 1912, p. 51
Cobb, 1972a, no. 26;
ADGGS, 1981, no. 35, 38, 161

NAME(S): Aurora Borealis

LATITUDE (N): 58°35'40"

LONGITUDE (W): 134°52'45"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 56 L, 1 P

RESOURCE (in order of abundance, if known): Au (Pb, As)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
266 oz Au; (Knopf, 1912)

DESCRIPTION: Quartz vein up to 3.5 ft thick and quartz-ribbon stringer lodes strike NE, dips 27° NW in slate near a greenstone contact. Vein contains arsenopyrite, pyrite, and minor galena. Developed by 2 tunnels each 200 ft long, all work before 1895 and during 1930's. Large claim block (ADGGS, 1982, no. 28) covers this, Bessie, and Alaska-Washington locations

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p. 133
Wright and Wright, 1906, p. 35
Knopf, 1912, p. 47-48
Chapin, 1916, p. 77
Berg and Cobb, 1967, p. 158-159
Cobb, 1972a, no. 22; 1978a, p. 27
ADGGS, 1982, no. 25, 28, 152

NAME(S): Bessie

LATITUDE (N): 58°35'10"

LONGITUDE (W): 134°52'08"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L

RESOURCE (in order of abundance, if known): Au (As, Zn, Pb)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Vertical sheeted quartz vein trends N75°E, in greenstone with small gabbro and basalt dikes. Exposed for 1,600 ft along strike, 600-800 ft vertically, 1-5 ft wide, averaging 3 ft. Contains arsenopyrite with minor amounts of pyrite, galena, sphalerite, and gold. High-grade vein material assayed 18 ppm Au and traces of As, Zn, Cd. Opened by a shaft and 2 tunnels, about 645 ft of underground workings, numerous prospects and adits

STATUS: Located: Yes
Workings: Caved
Sampled: Yes

REFERENCES: Spencer, 1906, p. 133
Wright and Wright, 1906, p. 35
Knopf, 1911a, p. 48
Berg and Cobb, 1967, p. 158-159
Cobb, 1972a, no. 22; 1978a, p. 33
ADGGS, 1982, no. 26

NAME(S): Alaska-Washington

LATITUDE (N): 58°34'45"

LONGITUDE (W): 134°52'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Au (Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Two parallel quartz fissure veins, 3-6 ft wide (average 3 ft), in greenstone and meta-andesite breccia. The veins are about 600 ft apart, with intervening slate and greenstone. One vein, traced about 3,000 ft, contains sheared and brecciated quartz, coarse pyrite and minor sphalerite. Several hundred ft of workings on that vein before 1912

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1905, p. 54
Spencer, 1906, p. 133
Wright and Wright, 1906, p. 35
Knopf, 1912, p. 48-49
Berg and Cobb, 1967, p. 158-159
Cobb, 1972a, no. 23; 1978a, p. 24
ADGGS, 1982, no. 29

NAME(S): Claim block: Yankee Basin

LATITUDE (N): 58°35'00"

LONGITUDE (W): 134°49'45"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 10 P

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1978-69

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 143

NAME(S): E Pluribus Unum, Cottrell-Spaulding

LATITUDE (N): 58°35'45"

LONGITUDE (W): 134°47'35"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au, As (Pb, Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: E Pluribus Unum is a 35 ft thick mineralized zone of slate and graywacke, contains a quartz stringer lode 8 ft wide. A 20 in. by 18 ft zone contained considerable arsenopyrite (10-20%) and 1% galena, traces of sphalerite, and considerable gold. Main concentration of ore was on a fold surface. Quartz vein material contains .5% As, traces of Au. High grade sulfide-bearing material assayed 1% As, .7% Pb, .7% Zn, .5% Cd, 300 ppm Ag, 170 ppm Au. Cottrell-Spaulding may be same property as E Pluribus Unum. About 320 ft of development, 2 tunnels. Reported vein 2.5 ft wide, 1,500 ft long, 1 160 ft crosscut undercuts the vein at 100 ft depth

STATUS: Located: Yes
Workings: Open
Sampled: Yes

REFERENCES: Wright, 1908, p. 89
Knopf, 1912, p. 50-51
Cobb, 1972a, no. 26; 1978a, p. 44, 54
ADGGS, 1982, no. 35, 161

NAME(S): Dividend, Rex, Noonday, Puzzler, Julia

LATITUDE (N): 58°35'

LONGITUDE (W): 134°48'

NO. OF CLAIMS (*-patented, L-lode, P-placer): 52 L

RESOURCE (in order of abundance, if known): Au, (Pb, As)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
145 oz Au from Rex; (Spencer, 1906)

DESCRIPTION Five closely-spaced properties, as follows:
Dividend: quartz-calcite stringer lode in graphitic slate above a greenstone (augite melaphyre) footwall. Stringer zone is 12-16 ft wide with pyrite, arsenopyrite, galena, and gold. Developed by 1,200 ft tunnel and 250 ft drift
Rex: small, irregular calcite-quartz vein with auriferous arsenopyrite in greenstone
Noonday: 1 6-ft wide quartz stringer lode in graphitic slate and schist
Puzzler: a 14-ft wide quartz stringer lode in graphitic slate and schist
Julia: quartz stringer lodes, 8 and 12 ft wide in slate

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p. 131-132
Wright and Wright, 1906, p. 34-35
Wright, 1908, p. 58. 89
Knopf, 1912, p. 49-50
Cobb, 1972a, no. 27; 1978a, p. 45, 80, 101, 112, 115
ADGGS. 1982. no. 34, 40, 197

NAME(S): Cascade

LATITUDE (N): 58°34'25"

LONGITUDE (W): 134°47'25"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au (Pb, Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz stringer lode 6 ft thick in graphitic slate.
Contains arsenopyrite, galena, sphalerite, and gold. A
5-ft sample contained 20 ppm Au (Knopf, 1912).
Development before 1912 included a 90-ft inclined shaft

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1906, p. 34-35
Wright, 1908, p. 89
Knopf, 1912, p. 50
Cobb, 1972a, no. 27; 1978a, p. 39

NAME(S): Claim block: Thane Mtn.

LATITUDE (N): 58°36'55"

LONGITUDE (W): 134°47'00" (location uncertain)

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1880-1980

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 188

NAME(S): Eagle River (Amalga)

LATITUDE (N): 58°34'20"

LONGITUDE (W): 134°46'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 152 L

RESOURCE (in order of abundance, if known): Au (Cu, Pb, Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
23,000 oz Au; Berg and Cobb, 1967)

DESCRIPTION: Quartz veins in shattered slates which contain minor thin sheets of mafic intrusive rock. Ore shoots in veins are 5-15 ft wide, 25-100 ft long, strike N30°W, dip 50°NE, and plunge 30°NW. Veins contain pyrite, arsenopyrite, pyrrhotite, galena, sphalerite, chalcopyrite, native copper, and free gold. Best gold ore associated with sulfides, especially arsenopyrite and galena; also in yellow, honeycombed quartz. Grades were as much as 50-34 ppm Au, average production was probably 17 ppm Au. Ore body offset by numerous fault zones. Slate disrupted by landsliding and surface creep. 30,000 ft of workings, most production 1903-10. Some exploration 1913-30. Numerous adits and prospects in area. Claim blocks extend to Cascade, Olson, and Dividend(?) areas

STATUS: Located: No
Workings:
Sampled: No

REFERENCES: Wright and Wright, 1905, p. 54
Spencer, 1906, p. 130-131
Wright and Wright, 1906, p. 35
Knopf, 1912, p. 44-46
Eakin, 1915, p. 101
Chapin, 1916, p. 35
Smith, 1917, p. 23
Berg and Cobb, 1967, p. 158
Cobb, 1972a, no. 29; 1978a, p. 49-50
ADGGS, 1982, no. 39, 41, 42

NAME(S): Mother Lode (Yankee Cove)

LATITUDE (N): 58°34'20"

LONGITUDE (W): 134°51'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Au (As)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Barren quartz masses explored by open cuts for several thousand feet. Greenstone wall rocks have sparse arsenopyrite and pyrite. See also Alaska-Washington

STATUS: Located:
Workings:
Sampled:

REFERENCES: Knopf, 1912, p. 49
Cobb, 1972a, no. 24; 1978a, p. 98
ADGGS, 1982, no. 29

MAP NO. J128

NAME(S): Boulder Creek

LATITUDE (N): 58°33'30"

LONGITUDE (W): 134°48'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz-sericite-pyrite zone, 1,500 x 100 ft

STATUS: Located:
Workings:
Sampled:

REFERENCES: Henkins, D. E., 1983, oral commun.

NAME(S): Olsen

LATITUDE (N): $58^{\circ}33'40''$

LONGITUDE (W): $134^{\circ}46'40''$

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au? (As)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Narrow quartz veins strike $N30^{\circ}W$ and dip $60^{\circ}N$ in slate along contact with volcanic breccia units. Arsenopyrite crystals are common in rock fragments within the veins

STATUS: Located: No
Workings:
Sampled: No

REFERENCES: Knopf, 1912, p. 51-52
Cobb, 1972a, no. 30; 1978a, p. 104

NAME(S): Mitchell and McPherson

LATITUDE (N): 58°32'50"

LONGITUDE (W): 134°43'35"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L

RESOURCE (in order of abundance, if known): Au (Pb)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Crushed and mineralized zone, 6 ft wide, in diorite gneiss, strikes N46°E, dips 90°. Sparse pyrite and galena in thin quartz veins. Grades over 6 ft width ranged 8-17 ppm Au. Upper tunnel grades are 1-4 ppm Au

STATUS: Located:
Workings:
Sampled:

REFERENCES: Knopf, 1912, p. 53
Eakin, 1914, p. 102
Cobb, 19721, no. 31; 1978a, p. 95
ADGGS, 1982, no. 36, 42

NAME(S): Summit, St. Louis, Herbert Glacier

LATITUDE (N): 58°31'25"

LONGITUDE (W): 134°40'46"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 21 L, 5 P

RESOURCE (in order of abundance, if known): Au (As)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Summit: quartz vein 6-8 in. wide, 30 ft long in quartz diorite gneiss. Contains significant amounts of arsenopyrite and some free gold. No wall-rock alteration. Developed by a 30-ft shaft;
St. Louis: shear zone about 7 ft wide with ore zone up to 4 ft thick, consists of quartz fragments in altered diorite gneiss. Arsenopyrite and rare pyrite and galena; Herbert Glacier?

STATUS: Located:
Workings:
Sampled:

REFERENCES: Knopf, 1912, p. 52
Berg and Cobb, 1967, p. 159
Cobb, 1972a, no. 32; 1978a, p. 116, 123
ADGGS, 1982, no. 45, 46, 95

NAME(S): Windfall Creek

LATITUDE (N): 58°29'45"

LONGITUDE (W): 134°43'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 P

RESOURCE (in order of abundance, if known): Au

FORM: Placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Placer gold mined from a 150 ft wide, 20 ft deep boulder-filled channel, 1882-1906, low grade

STATUS: Located:
Workings:
Sampled:

REFERENCES: Purington, 1905, p. 207
Spencer, 1906, p. 127-129
Wright and Wright, 1906, p. 36
Knopf, 1911b, p. 109
Cobb, 1972a, no. 73; 1978a, p. 134
ADGGS, 1982, no. 47

NAME(S): Smith and Heid (Ashby-Torro)

LATITUDE (N): 58°28'50"

LONGITUDE (W): 134°40'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4 L

RESOURCE (in order of abundance, if known): Au (As, Pb, Ag, Sb)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
22 Tons; 11 oz Au; (ATDM, 1937)

DESCRIPTION: Discontinuous, NW-trending quartz stringer lodes and lenses usually less than 12 in. wide; in chlorite schist, graywacke, slate, and greenstone. Part of a discontinuous zone of weak quartz veining between Montana and Windfall basins. Veins contain arsenopyrite with some intergrown galena and gold, and traces of sphalerite, pyrite, and chalcopyrite. A high grade sample assayed 1.6% As, 22 ppm Au, 2 ppm Ag, and traces of Sb. Developed by 3 tunnels, over 500 ft total length. Adjoins Windfall Creek. Several prospects along strike; included in references to Patton prospect and Montana Creek

STATUS: Located: Yes
Workings: Caved
Sampled: Yes

REFERENCES: Spencer, 1906, p. 129
Wright and Wright, 1906, p. 36
Wright, 1907, p. 56
Knopf, 1912, p. 55
ATDM, unpub. data, 1937d
Berg and Cobb, 1967, p. 159
Cobb, 1972a, no. 34; 1978a, p. 134
ADGGS, 1982, no. 49

NAME(S): Montana Basin, Patton

LATITUDE (N): 58°28'00"

LONGITUDE (W): 134°39'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L; 6* P; 6 P

RESOURCE (in order of abundance, if known): Au (As)

FORM: Vein, placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Several conformable quartz stringer lodes in slate trend N50°-60°W, dip 70°-80°NE. Two quartz veins, as much as 2 ft thick, slightly crosscut foliation. Sparse pyrite and arsenopyrite with traces of gold. **Stringer lodes are 20-70 ft wide, averaging 30 ft. Five adits, average about 100 ft long. Basin gravels worked for placer gold, no data on production. Most work 1882-1906**

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1906, p. 36
Knopf, 1912, p. 55
ATDM, unpub. data, 1937?
Berg and Cobb, 1967, p. 158
Cobb, 1972a, no. 35; 1978a, p. 96, 97
ADGGS, 1982, no. 50, 51, 119

NAME(S): McGinnis Creek

LATITUDE (N): 58°27'25"-58°26'30"

LONGITUDE (W): 134°37'35"-134°38'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 12 P; 8* L

RESOURCE (in order of abundance, if known): Au

FORM: Placer, vein?

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Probable quartz stringer lodes in slate. Some limited placer gold produced from talus cone. Gold reported to be rough. Most work was placer mining before 1906

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p.123-124
Wright and Wright, 1906, p. 36
Wright, 1907, p. 56; 1908, p. 88
Cobb, 1972a, no. 37, 75; 1978a, p. 91
ADGGS, 1982, no. 55, 99, 121, 155

NAME(S): Peterson Lake, Prairie

LATITUDE (N): 58°26'00"-58°26'30"

LONGITUDE (W): 134°43'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 59 L

RESOURCE (in order of abundance, if known): Au (As, Zn, Sb)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
513 T; 217 oz ((ATDM, 1937b)

DESCRIPTION: Tabular quartz veins and lenses in slate near the slate-greenstone contact, some mafic dikes and volcanic units present. Veins average 3-5 ft wide, and trend NNW, dip shallowly to NE, most parallel foliation. Veins are quartz with minor carbonate, sparse arsenopyrite and traces of free gold. Samples of white quartz with sparse arsenopyrite and pyrite assayed 10 ppm Au, .03-.3% As, and traces of Zn, Sb. Numerous open cuts, adits and small dumps. Most work 1897-1920

STATUS: Located: Yes
Workings: Caved
Sampled: Yes

REFERENCES: Spencer, 1906, p. 126
Wright and Wright, 1906, p. 36
Wright, 1906, p. 36; 1907, p. 56
Knopf, 1912, p. 53-54
Mertie, 1921, p. 109
ATDM, unpub. data, 1937b
Berg and Cobb, 1967, p. 159
Cobb, 1972a, no. 36; 1978a, p. 109
ADGGS, 1982, no. 43, 209

NAME(S): Montana Creek

LATITUDE (N): 58°26'00"-58°37'20"
 LONGITUDE (W): 134°38'00"-134°40'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 P

RESOURCE (in order of abundance, if known): Au

FORM: Placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Placer gold worked along creek, 1880-82; probably derived from quartz veins in slate and schist. See also Montana Basin, McGinnis Creek

STATUS: Located:
 Workings:
 Sampled:

REFERENCES: Spencer, 1906, p. 124-125
 Knopf, 1911b, p. 109
 Brooks, 1913, p. 43
 Smith, 1930b, p. 24; 1932, p. 36; 1942a, p. 32
 Berg and Cobb, 1967
 Cobb, 1972a, no. 74; 1973, p. 103; 1978a, p. 97
 ADGGS, 1982, no. 115, 157

NAME(S): Claim group: Lake Creek

LATITUDE (N): 58°25'35"

LONGITUDE (W): 134°41'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 10 L

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of claim group, 1978-79

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 174

NAME(S): Claim group: Lake Creek

LATITUDE (N): 58°25'40"

LONGITUDE (W): 134°40'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 92 L

RESOURCE (in order of abundance, if known): Ag?

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Approximate center of claim group, 1979-82

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 187

NAME(S): Auk Group, Treasury Hill, Gold Knob, Shooting Star, Lake
Creek(?)

LATITUDE (N): 58°25'00"
LONGITUDE (W): 134°40'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 20 L; 12 P

RESOURCE (in order of abundance, if known): Au (As, Pb)

FORM: Vein, disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: A 50 ft x 800 ft hanging wall portion of a greenstone sill is fractured, brecciated, and filled with quartz veins as much as 1 ft wide. The veins trend N70°-80°W, are dominantly quartz with albite, calcite, chlorite, and sericite. Arsenopyrite is the major sulfide, with pyrite disseminated in the sill. Pyrrhotite and galena are present in the Treasury Hill (southern) claim. Some apparently barren vein material contains up to 4 ppm Au, altered dike rock about 1-2 ppm Au (Knopf, 1912). Nearby large quartz masses contain small amounts of arsenopyrite, pyrite, and free gold. Sampling yielded only traces of As, Au. At least 3 separate prospects developed by open cuts and short adits

STATUS: Located:
Workings:
Sampled:

REFERENCES: Knopf, 1912, p. 55-58
ATDM, unpub. data, 1937c
Cobb, 1972a, no. 39; 1978a, p. 26, 129
ADGGS, 1982, no. 48, 156, 184

NAME(S): Claim: Montana Creek

LATITUDE (N): 58°24'45"

LONGITUDE (W): 134°36'35"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1880-81

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 196

NAME(S): Mendenhall

LATITUDE (N): 58°25'30"

LONGITUDE (W): 134°25'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 7 L

RESOURCE (in order of abundance, if known): Au, (Pb, As)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Stringer lode 85-100 ft wide in slate and chloritic schists. Quartz-calcite-albite veinlets with sparse pyrrhotite, arsenopyrite and galena. Developed by a 30-ft open cut and 85-ft tunnel, work prior to 1912. Nearby amphibolite dike is cut by albite-calcite veinlets with pyrrhotite and free gold

STATUS: Located:
Workings:
Sampled:

REFERENCES: Knopf, 1912, p. 59-60
Cobb, 1972a, no. 38; 1978a, p. 93
ADGGS, 1982, no. 56

NAME(S): Dull and Stephens, Gold King

LATITUDE (N): 53°24'15"

LONGITUDE (W): 134°38'25"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 5 L

RESOURCE (in order of abundance, if known): Au (As, Cu, Pb)

FORM: Vein, placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
2,500 T?; 3-5 ppm Au; (ATDM, 1937a)

DESCRIPTION: Several ounces of gold recovered by sluicing overburden. Several 1-2 ft quartz veins in altered greenstone (tuff and volcanic breccia) near slate contact. Discontinuous veins and irregular masses of quartz form a network of intersecting fracture fillings which trend N to NW, dip NE. The entire mass forms a stringer lode 35 to 200 ft wide, unknown length. Mineralization consists of milky quartz, calcite, and sericite with pyrite, arsenopyrite, pyrrhotite, galena, and traces of chalcopyrite and tourmaline. Several open cuts, most work before 1917

STATUS: Located:
Workings:
Sampled:

REFERENCES: Knopf, 1911b, p. 97; 1912, p. 58
ATDM, unpub. data, 1937a
Berg and Cobb, 1967, p. 159
Cobb, 1972a, no. 40; 1978a, p. 48
ADGGS, 1982, no. 53

NAME(S): Winn, Auke Bay

LATITUDE (N): 58°22'35"

LONGITUDE (W): 134°37'45"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Au?

FORM: Vein, disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz-albite-carbonate veinlets cut an altered (albite diorite?) dike which is impregnated with pyrite and arsenopyrite near the veinlets. Exploration work, 20 ft tunnel, 1882

STATUS: Located:
Workings:
Sampled:

REFERENCES: Knopf, 1912, p. 59
Cobb, 1972a, no. 41; 1978a, p. 135
ADGGS, 1982, no. 54

NAME(S): Nugget Creek

LATITUDE (N): 58°25'30"

LONGITUDE (W): 134°29' approximate

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au

FORM: Placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Small gold nuggets found in shallow gravels

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p. 120-121
Brooks, 1912, p. 36
Cobb, 1972a, no. 76; 1978a, p. 103

NAME(S): Unnamed

LATITUDE (N): $58^{\circ}26'10''$

LONGITUDE (W): $134^{\circ}27'55''$

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Zn, Barite?)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Sparse pyrite (and other sulfides(?)) disseminated in mica-quartz schist

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 10

NAME(S): Unnamed

LATITUDE (N): 58°25'45"

LONGITUDE (W): 134°25'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Zn)

FORM: Veins

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Sulfide-bearing veinlets in migmatite

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 9

NAME(S): Claim block: Fish Creek

LATITUDE (N): 58°20'10"

LONGITUDE (W): 134°35'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1955-57

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 93

NAME(S): Lemon Creek

LATITUDE (N): 58°22'20"

LONGITUDE (W): 134°28'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L, 5 P

RESOURCE (in order of abundance, if known): Au

FORM: Vein?, Placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Minor placer operations in gravel overlying glacial clay
in 1900's

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p. 119
Cobb, 1972a, no. 77; 1978a, p. 83
ADGGS, 1982, no. 82, 92, 168, 192

NAME(S): Lemon Creek, Keystone

LATITUDE (N): 58°28'48"

LONGITUDE (W): 134°29'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3* P

RESOURCE (in order of abundance, if known): Au (Cu, Pb, Zn)

FORM: Placer, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Placer mining in early 1900's of gravel of glacial clay. Two 8-12 in. quartz veins in a foliated diorite dike contain pyrrhotite, galena, sphalerite and chalcopryite. Claims 1880-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p. 118-120
Wright and Wright, 1906, p. 37
Berg and Cobb, 1967, p. 155
Cobb, 1972a, no. 42, 78; 1978a, p. 83
ADGGS, 1982, no. 59

NAME(S): Clark

LATITUDE (N): 58°22'30"

LONGITUDE (W): 134°26'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au (Cu)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Slate with diorite dikes and quartz veins. Larger veins contain pyrrhotite and some chalcopyrite. Best gold assays 1-2 ppm Au (Spencer, 1906). Exposed vein 3-4 ft x 200 ft long x 100 ft vertical extent. Claims, 1880-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p. 118
Cobb, 1972a, no. 43; 1978a, p. 41

NAME(S): Leona Creek

LATITUDE (N): 58°24'00"

LONGITUDE (W): 134°23'30" approximate

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 P

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1963

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 130

NAME(S): Doran

LATITUDE (N): 58°20'27"

LONGITUDE (W): 134°28'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Au?

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Shattered, sheared and altered albite diorite dike is traversed by quartz-albite-carbonate veinlets. No data on sulfides, gold content. Developed by 130 ft tunnel and drift, before 1912

STATUS: Located: No
Workings:
Sampled: No

REFERENCES: Knopf, 1912, p. 60
Cobb, 1972a, p. 44; 1978a, p. 46
ADGGS, 1982, no. 57

NAME(S): Wagner, Salmon Creek, Boston King

LATITUDE (N): 58°19'50"

LONGITUDE (W): 134°27'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 5 L

RESOURCE (in order of abundance, if known): Au (Cu, Pb, Zn, As)

FORM: Vein, Placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Four 2-4 ft veins at slate-greenstone dikes (hanging wall) contacts. One vein 8 ft thick, with quartz, carbonate, albite, and minor sericite and rutile. Sulfides are arsenopyrite, pyrite, chalcopyrite, and some sphalerite, galena, tetrahedrite. No data on gold content. Total 1,150 ft of development. Original portal destroyed by quarry operations in 1970's and 1980's. Also, placer workings at mouth of Salmon Creek

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p. 116, 117
Wright and Wright, 1906, p. 37
Eakin, 1915, p. 96
Cobb, 1972a, no. 45; 1978a, p. 117, 131
ADGGS, 1982, no. 58, 125

NAME(S): Claim block: Salmon Creek

LATITUDE (N): 58°20'09"

LONGITUDE (W): 134°25'36"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1984

STATUS: Located:

Workings:

Sampled:

REFERENCES: ADGGS. 1982, no. 245

NAME(S): Salmon, Goldstein

LATITUDE (N): 58°19'20"

LONGITUDE (W): 134°24'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1900, 1880-1980. Undescribed prospect, no data

STATUS: Located:
Workings
Sampled:

REFERENCES: Eakin, 1918, pl. VII
ADGGS, 1982, no. 63, 193

NAME(S): Hallam

LATITUDE (N): 58°18'50", 58°18'45"

LONGITUDE (W): 134°23'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 14* L

RESOURCE (in order of abundance, if known): Au

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz veins in slate with diorite (altered gabbro?)
dikes at greenstone-slate contact. Considerable free
gold reported, no data on sulfides present. Development
1901-34 by two adits at different elevations. See also
Ebner, Gold Creek

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p. 63-66
Smith, 1933, p. 14
Cobb, 1972a, no. 47; 1978a, p. 65
ADGGS, 1982, no. 67

NAME(S): Boston

LATITUDE (N): 58°18'20"

LONGITUDE (W): 134°24'15"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3* L

RESOURCE (in order of abundance, if known): Au

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Mineralized albite diorite dike either 50 or 100 ft thick (conflicting reports) in slate. Over 600 ft of development 1905-06. Low grade gold values. Claims patented 1917.

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright, 1907, P. 55
Knopf, 1912, P. 27-28
Eakin, 1915, p. 102
Cobb, 1972a, no. 46; 1978a, p. 36
ADGGS, 1982, no. 62

NAME(S): Last Chance Basin

LATITUDE (N): 58°18'20", 58°18'30"

LONGITUDE (W): 134°23'00", 134°24'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): See Gold Creek (map no. 128)

RESOURCE (in order of abundance, if known): Au (Ag)

FORM: Placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: A gravel deposit 4,000 ft long, as much as 700 ft wide and a maximum of 90-100 ft thick. The deposit formed when an ancient landslide ~~dammed~~ Gold Creek, forming a temporary lake in a glacially scoured basin and causing rapid gravel accumulation. The upper end probably contained the higher grade material. In 1897 a 2,000 ft tunnel was driven to wash the deposit but failed to reach the bedrock floor. Considerable difficulty was caused by the presence of the landslide debris. Operations were probably not profitable. Amount of production unknown, probably less than 500 ounces. See also Gold Creek, Silverbow Basin, Lurvey

Located:

Workings:

Sampled:

REFERENCES: Spencer, 1906, p. 83-85
Cobb, 1972a, no. 79; 1973, p. 103; 1978a, p. 57, 58
ADGGS, 1982, refs. given under Gold Creek

NAME(S): Ebner Mine, Humbolt

LATITUDE (N): 58°18'40"

LONGITUDE (W): 134°22'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 15* L; in part duplicates
claims listed under Alaska-Juneau

RESOURCE (in order of abundance, if known): Au, Ag, (Cu, Barite, Pb,
Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
29,000 oz Au; 3 ppm Au (Spencer, 1906)

DESCRIPTION: Northern end of A.J. System. A zone 1,500 ft wide (800 ft on Humbolt), 1,100 ft long with 3 meta-gabbro dikes intruding slate. Mining dimensions were about 60-90 ft wide, 200-300 ft long, and 300-500 ft vertical extent. Cleavage and bedding strike N58°W, dips 70°NE. The dikes and slate are cut by 1-2 ft veins and numerous stringers, especially along the dike-slate contact and 20-30 ft into the dikes. Veins generally parallel strike and dip both with and normal to the host units. The dikes contain the most and more closely spaced veins, in intensely veined areas they are altered brown and contain auriferous pyrite and some magnetite. Gangue minerals are quartz and carbonates with minor amounts of sericite, biotite and tourmaline. Pyrrhotite is the principal sulfide with galena, sphalerite, pyrite and chalcopryite. Most gold occurs as free, coarse flakes in the veins. Rock chip samples contained .2-.5% Ba, .1-.3% Cu, 1-2 ppm Ag, and as much as 12 ppm Au. Development was by 4,000 ft of underground tunnels, raises, and numerous stopes. Most production was 1888-1905, joined to A.J. System in 1925

STATUS: Located: Yes
Workings: Open
Sampled: Yes

REFERENCES: Becker, 1898, p. 62-63, 73
Spencer, 1906, p. 58, 66-69
Wright and Wright, 1906, p. 37
Eakin, 1915, p. 96, 98, 100-101
Smith, 1926, p. 7
Twenhofel, 1952, p. 16-17
Koschman and Bergendal, 1968, p. 20
Cobb, 1972a, no. 48; 1978a, p. 51-52
ADGGS, 1982, no. 65, 68

NAME(S): Gold Creek (in general), Little Basin, Middle Flat

LATITUDE (N): 58°18'00"-58°19'00"

LONGITUDE (W): 134°20'00"-134°25'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 13* P, 3 P

RESOURCE (in order of abundance, if known): Au (Ag)

FORM: Placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

Total all placer production 63,280 oz Au; (Spencer, 1906)

DESCRIPTION: In general, placer gold occurs throughout Gold Creek, its tributaries, and on the slopes below the lode zone. Some low grade accumulations of gold are present in the glacial moraines. Fine gold must be present at the mouth of Gold Creek and in Gastineau Channel. Three types of materials were mined, 'hill' placers of weathered residium on and just below the lodes, 'gulch' placers which are the result of mass wasting of the lodes that collected in the small drainages, and stream placers which formed in ancient lake basins and the present streams. Placer mining began in 1880, most production 1881-1903, mining continued intermittently through 1940. See also Silverbow Basin, Last Chance Basin, Lurvey

Little Basin is a small parallel valley in Gold Creek with several acres of gravel averaging 20 ft deep. The upper end was worked before 1903. Operations could have been hampered by tailings and the lack of drainage

Middle Flat is a low grade gravel accumulation 2,500 ft long, 100-200 ft wide and varying thickness

STATUS: Located:
Workings:
Sampled:

REFERENCES: Becker, 1898, p. 71, 72
Purinton, 1905, p. 142-143
Spencer, 1906, p. 2-3, 57-60, 77-85
Twenhofel, 1952, p. 4, 14-16, 28, 99, 139-140
Cobb, 1972a, no. 79-81; 1973, p. 103; 1978a, p. 57-58
ADGGS, 1982, no. 75, 117, 224, 226

NAME(S): Granite Creek Confluence, Reilly

LATITUDE (N): 58°18'56"

LONGITUDE (W): 134°21'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L; 1 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1882-1982. Undescribed prospect, no data

STATUS: Located:
Workings:
Sampled:

REFERENCES: Eakin, 1918, p. VII;
ADGGS, 1982, no. 78, 229

MAP NO. J163

NAME(S): Claim block: Silverbow

LATITUDE (N): 58°18'35"

LONGITUDE (W): 134°20'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1953-82. See Gold Creek, Ebner

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 1

NAME(S): Silverbow Basin, Nowell Placer

LATITUDE (N): 58°18'30", 58°18'35"
 LONGITUDE (W): 134°20'20", 134°21'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 11* P, 1 P

RESOURCE (in order of abundance, if known): Au (Ag)

FORM: Placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
 See Gold Creek

DESCRIPTION: Auriferous material derived from the lode zone was washed into a partially closed, post-glacial lake basin at the head of Gold Creek. A total of about 200 acres of material existed. About 20 acres averaging 75 ft thick was mined 1891-1903, yielding 16,000-19,000 oz of gold. The gold fineness averaged 802. Mined by driving a 3,400 ft tunnel in bedrock, gravel was washed in by hydraulic mining, and recovered by sluices in the tunnel. Some gold was recovered from weathered lode residuum (hill placers) and some from lode material accumulated by slope wash (gulch placers). This basin produced most of the placer gold from the Juneau area, and was the only large-scale profitable placer operation. See also Gold Creek, Last Chance Basin, Lurvey

STATUS: Located:
 Workings:
 Sampled:

REFERENCES: Becker, 1898, p. 71-72
 Spencer, 1906, p. 57-60
 Twenhofel, 1952, p. 99, 139-140
 Cobb, 1972a, no. 78-81; 1973, p. 103; 1978a, p. 57-58
 ADGGS, refs. given under "Gold Creek"

NAME(S): Alaska-Juneau

LATITUDE (N): 58°18'18"

LONGITUDE (W): 134°20'36"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 19* L, in part duplicates; claims noted under Ebner

RESOURCE (in order of abundance, if known): Au, Ag, Pb (As, Cu, Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

88,466,078 T mined; 47,192,108 T milled; 2,888,296 oz Au; 1,949,810 oz Ag; 20,109 T Pb (Stone and Stone, 1983). Mineralized veins sampled in this study contain 0-340+ ppm Au; average 7-15 ppm Au

DESCRIPTION: The AJ lode system is part of a 1,000-2,000 ft wide zone in the foot-wall of the Perseverance slate, in and near intrusive metagabbro sills. The area of pervasive veining and mineralization is about 300 ft wide and 18,500 ft long. The ore zones occur as lenticular concentrations of quartz stringer lodes in faulted slate and also near the edges and within the altered portions of the metagabbro dikes. Ore was mined from 100-200 ft wide, 300-400 ft long stopes, for a vertical extent of 1,000 ft (south ore body) to 2,500 ft (north ore body). The transverse Silverbow fault separates the A.J. mine into blocks and offsets mineralization about 1,800 ft. Quartz veins are discontinuous, irregular, range from 1 in. to 2-3 ft wide and both parallel and slightly crosscut regional foliation. Veins are well-defined, consist of 95% quartz, 1-3% carbonates, traces of sericite, tourmaline and a maximum of 2-3% sulfides. Pyrrhotite is most common, accompanied by various amounts of pyrite, arsenopyrite, galena, sphalerite, and chalcopryrite. Gold is mostly fine and concentrated with the sulfides. Both gold and sulfides are concentrated in the center and on the edges of the quartz stringers. Mineralogic and elemental zoning is evident as pyrite, sphalerite, galena and locally arsenopyrite become more common in the southern ore bodies, silver also increases, the Au:Ag ratio changes from 7:1 (Ebner) to 1:1 (Perseverance). Discovery and initial mining of residual placers in 1880 was followed by lode production until 1944. Developed as a low grade operation, with miles of tunnels, and numerous slopes and glory holes. Stringer lodes were block-caved. Ebner mine was included in the A.J. system in 1924, the Perseverance mine after 1934. Total production listed includes material from these mines after acquisition. See also Ebner, Perseverance

STATUS: Located: Yes

Workings: Open

Sampled: Yes

REFERENCES: Becker, 1898, p. 62-63, 71-73

Spencer, 1906, p. 69-73

Eakin, 1915, p. 96, 98

Smith, 1917, p. 18-19

Werneck, 1932, p. 493-499

Smith, 1944, p. 8-9, 14-15

Twenhofel, 1952, p. 4-5, 12-28, 45, 88, 129-167

Wayland, 1960, p. 267-269

Herreid, 1962, p. 64-65

Noel, 1966, p. 218-222

Berg and Cobb, 1967, p. 154-155

Cobb, 1972a, no. 49; 1978a, p. 15-19

ADGGS, 1982, no. 65, 78

Stone and Stone, 1983, p. 57-78

MAP NO. J166

NAME(S): Bull Consolidated

LATITUDE (N): 58°18'20"

LONGITUDE (W): 134°19'20" approximate

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Small outcrop (ledge) of rich gold ore, staked in 1905. No data on development

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1906, p. 38
Cobb, 1972a, no. 51; 1978a, p. 37
ADGGS, 1982, no. 80

NAME(S): Lurvey

LATITUDE (N): 58°18'05"

LONGITUDE (W): 134°19'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2* P

RESOURCE (in order of abundance, if known): Au

FORM: Placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Auriferous gravel above lake and lake gravels were sluiced before and during 1889. Talus probably proved economic. An acre of 15-20 ft thick lake gravel was sluiced through a 350 ft tunnel with unsatisfactory results

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p. 80
Cobb, 1972a, no. 82; 1973, p. 104; 1978a, p. 85
Berg and others, 1981
ADGGS, 1982, no. 79

NAME(S): Perseverance, Groundhog

LATITUDE (N): 58°18'

LONGITUDE (W): 134°20'

NO. OF CLAIMS (*-patented, L-lode, P-placer): 10* L

RESOURCE (in order of abundance, if known): Ag, Au, Pb, Zn (As, Cu)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

11,612,000 T; 500,900 oz Au; AgPbZn unknown (Twenhofel, 1952)

DESCRIPTION: South of and adjoining the Alaska-Juneau lode system. Unlike the main A.J. lode, amphibolite (metagabbro) dikes are smaller, less continuous, and do not host major orebodies. The relative amounts of Ag, Pb, Zn and As increase compared to the northern Alaska-Juneau system. The Au:Ag ratio is about 1:1. Thin quartz veins and stringer lodes form an ore zone in slate footwall along the slate-greenstone contact which strikes NW, dips about 60°NE, and slightly crosscuts foliation. Most mineralization is within the slate, with minor amounts of schist and metagabbro ore. The orebodies average 90 ft wide, and occur along strike for over 4,000 ft with a vertical extent of 2,000 ft. Sulfides (1-2%) are pyrrhotite (dominant) and arsenopyrite, galena, sphalerite, pyrite and chalcopyrite. Gangue is quartz with minor carbonate (ankerite and sericite) and traces of tourmaline. Mined on a large scale 1895-1921, with a maximum production of 150,000-200,000 tons a month during 1919. Ore recovery was as free gold and Pb-Au concentrates. The mine was included in the A.J. system after 1935. Nineteen miles of development, including a 10,500 ft adit (to Sheep Creek). Production figures given are for 1895-1921, unknown amount of production before 1895. Minor hillside placer production from the Groundhog area.

STATUS: Located:

Workings:

Sampled:

REFERENCES: Spencer, 1904, p. 35; 1906, p. 58-59, 74-76
 Wright and Wright, 1906, p. 37-38
 Wright, 1907, p. 55
 Brooks, 1914, p. 58-59
 Chapin, 1916, p. 75
 Jackson, 1920, p. 464-487
 Brooks, 1923, p. 21
 Smith, 1938, p. 15
 Twenhofel, 1952, p. 17, 19, 26
 Herreid, 1962, p. 50
 Berg and Cobb, 1967, p. 154
 Cobb, 1972a, no. 50; 1978a, p. 64, 107-108
 ADGGS, 1982, no. 66

NAME(S): Lurvey Amphitheater

LATITUDE (N): 58°17'30"

LONGITUDE (W): 134°19'24"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Au, Ag

FORM: Placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: About 30,000 yards³ gravel in a cirque about 10 ft thick. Lack of drainage has prevented testing of the gold content. High silver values probable

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906a, p. 79-80
Cobb, 1972a, no. 83; 1978a, p. 86

NAME(S): Alaska-Juneau mill dump

LATITUDE (N): 58°17'12"

LONGITUDE (W): 134°23'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4 P

RESOURCE (in order of abundance, if known): Au, Pb, Zn, (W)

FORM: Dump

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Heavy minerals recovered by sluice box include sphalerite, galena, gold, ilmenite, zircon and scheelite

STATUS: Located:
Workings:
Sampled:

REFERENCES: West and Benson, 1955, p. B53
Cobb, 1973, p. 103
ADGGS, 1982, no. 234

MAP NO. J171

NAME(S): Claim blocks: Gastineau Channel

LATITUDE (N): 58°16'55"

LONGITUDE (W): 134°22'10"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L, 6? P

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1883-1983

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 2, 185, 226, 234

NAME(S): Ibex, Silver Queen, Glacier, Copper Streak

LATITUDE (N): a) 58°17'10"; b) 58°16'52"

LONGITUDE (W): a) 134°18'50"; b) 134°18'38"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 13 L

RESOURCE (in order of abundance, if known): Ag, Au (Cu, Zn, Pb, As, Sb)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

22,500 oz Au total before 1906 (Spencer, 1906)

DESCRIPTION: Zone of veining 400-500 ft wide in graphitic slates with some meta-gabbro dikes, adjacent to greenschist contact. Several lenticular, slightly overlapping 1-12 ft wide veins slightly crosscut foliation and cleavage. Quartz veins contain pyrrhotite, sphalerite, chalcopyrite, arsenopyrite, galena, tetrahedrite, pyrargyrite, native silver, gold, and rare crystals of stibnite (in calcite). Au:Ag ratio was about 1:20. Mined along 400-900 ft width. Total development on 4 major veins 1887-1903 was 7,500 ft. Actual production figures unknown

STATUS: Located: Yes
Workings: Caved
Sampled: No

REFERENCES: Becker, 1898, p. 73-75
Spencer, 1906, p. 29-31, 50-55
Cobb, 1972a, no. 53; 1978a, p. 120-121
ADGGS, 1982, no. 69

NAME(S): Anderson

LATITUDE (N): 58°16'45"

LONGITUDE (W): 134°17'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 13 L

RESOURCE (in order of abundance, if known): Au, Ag?, (Zn, Pb)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz veins 2-9 ft wide and quartz stringer zones 4-5 ft wide in slate. Veins contain pyrite, sphalerite, and galena, no data on Au, Ag content. Developed by 2 40-50 ft tunnels. Adjoining and SE end of Silver Queen, included with Silver Queen claims

STATUS: Located:
Workings:
Sampled:

REFERENCES: Spencer, 1906, p. 55
Eakin, 1918, pl. VII
Cobb, 1972a, no. 54; 1978a, p. 25
ADGGS, 1982, no. 69 (same as cited for this table, no. 148)

NAME(S): Denny

LATITUDE (N): 58°17'08"

LONGITUDE (W): 134°16'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Undescribed prospect

STATUS: Located:
 Workings:
 Sampled:

REFERENCES: Eakin, 1918, pl. VII

NAME(S): Gould and Curry

LATITUDE (N): 58°16'55"

LONGITUDE (W): 134°16'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L

RESOURCE (in order of abundance, if known): Au, (Cu, Zn, Cd)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
1,250 oz Au; (Becker, 1898)

DESCRIPTION: Three quartz veins, 15 in. wide in dioritic rock strike N 70° W, dip 80° N. Stringers in schist between the veins. Mineralization includes sphalerite, pyrrhotite, pyrite and free gold. Nearby prospects are quartz veins with sulfides in diorite dikes. Samples taken in 1983 yielded 1-2% Zn and traces of As, Cd, Bi. Developed by a 30-ft crosscut and open cuts. Production before 1895

STATUS: Located: Yes
Workings: Caved
Sampled: Yes

REFERENCES: Becker, 1898, p. 62-63, 73, 75
Spencer, 1906, p. 36, 49-50
Wright and Wright, 1906, p. 38
Cobb, 1972a, no. 55; 1978a, p. 62
ADGGS, 1982, no. 71

NAME(S): Golden Treasure, Sheep Creek

LATITUDE (N): 58°16'40"

LONGITUDE (W): 134°17'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims reported 1900. Material from collapsed adit and dump in phyllite contained small stringers of quartz with sparse amounts of pyrite and arsenopyrite. Samples collected in 1983 did not contain Au, Ag. See also Anderson, Reagen

STATUS: Located: Yes
Workings: Caved
Sampled: Yes

REFERENCES: Wright and Wright, 1906, p. 38
Cobb, 1978a, p. 59
ADGGS, 1982, no. 69 (same as cited for this table nos. J172, J173)

NAME(S): Reagen

LATITUDE (N): 58°16'30"

LONGITUDE (W): 134°16'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4 L

RESOURCE (in order of abundance, if known): Au, Ag, (Cu, Pb, Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: 1-3 ft quartz veins and stringers in slate, some gouge along walls of veins. Mineralization includes galena, sphalerite, chalcopryite, pyrite, tetrahedrite and electrum. Samples taken in 1983 from nearby contained .1% As, 10 ppm Ag and traces of Zn. Several hundred ft of workings before 1906. See also Alaska Gold Belt

STATUS: Located: Yes
Workings: Caved
Sampled: Yes

REFERENCES: Spencer, 1904, p. 36
Wright and Wright, 1906, p. 38
Buddington and Chapin, 1929, p. 327
Cobb, 1972a, no. 56; 1978a, p. 113
ADGGS, 1982, no. 71 (same as cited for this table no. J175, (same as cited for this table no. J176

NAME(S): Dolan, Sheep Creek

LATITUDE (N): 58°16'15"

LONGITUDE (W): 134°19'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Prospect, 1916. Claims, 1959

STATUS: Located:
Workings:
Sampled:

REFERENCES: Eakin, 1918, pl. VII
ADGGS, 1982, no. 81

NAME(S): Claim: Gastineau Channel

LATITUDE (N): 58°15'55"

LONGITUDE (W): 134°20'15"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 P

RESOURCE (in order of abundance, if known): Au?

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1883, reportedly on coarse tailings from the
Thane mill, Alaska Gastineau mine

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 235

NAME(S): Claims: Thane Beach Tideland, Gastineau Channel

LATITUDE (N): 58°15'40"

LONGITUDE (W): 134°19'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4 P

RESOURCE (in order of abundance, if known): Au, Ag

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Site of placer claims which are reworking tailings from the Perseverance mine/Thane mill. The fine, pyritic tailings contain traces of Pb, Zn, As and about 1 ppm Au. Active claims and millsite. See also this table no. J179

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 133, 134

NAME(S): Alaska Gold Belt, Sheep Creek, Nelson-Lott

LATITUDE (N): $56^{\circ}16'00''$

LONGITUDE (W): $134^{\circ}15'50''$

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L

RESOURCE (in order of abundance, if known): Au (Pb, Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz-calcite veins and stringers in slate, schist, and altered gabbro. Sulfides include pyrite, sphalerite, pyrrhotite and galena. Larger veins assayed as much as 34 ppm Au. Developed by 2,500 ft of crosscuts, winze, and raises before 1916

STATUS: Located:
Workings:
Sampled:

REFERENCES: Chapin, 1916, p. 76
Smith, 1917, p. 32
Eakin, 1918, p. 77
ATDM, unpub. data, 1937
Cobb, 1972a, no. 57; 1978a, p. 100
ADGGS, 1982, no. 71

NAME(S): Middle Peak

LATITUDE (N): 58°15'30"

LONGITUDE (W): 134°15'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu, Pb

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Meta-volcanic rocks with quartz veins containing minor amounts of pyrite, chalcopryrite and secondary Cu minerals. Galena nearby. Numerous prospects on isolated quartz veins in the area

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 8
Cobb, 1972a, no. 58; 1978a, p. 58

MAP NO. J183

NAME(S): Claim: Eagle Creek

LATITUDE (N): 58°18'45"

LONGITUDE (W): 134°27'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2? P

RESOURCE (in order of abundance, if known): .

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1954-82

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 84, 171

NAME(S): Eagle Creek

LATITUDE (N): 58°18'25"

LONGITUDE (W): 134°27'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1? L

RESOURCE (in order of abundance, if known): Sb

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Country rock is NW-striking, NE dipping andesitic volcanic units and interbedded sediments. Pyrite and stibnite in quartz stringers in altered volcanic rocks. Developed by a 50 ft shaft and a 40 ft adit. Active claims

STATUS: Located:
Workings:
Sampled:

REFERENCES: USGS, unpub. data, 1968
Dale Henkins, written commun., 1983
ADGGS, 1982, no. 159

NAME(S): Eagle Creek

LATITUDE (N): 58°18'18"

LONGITUDE (W): 134°28'05"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1? L

RESOURCE (in order of abundance, if known): Zn, Pb, (Au, Ag)

FORM: Disseminated, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Narrow band of altered, silicified volcanic rocks with disseminated pyrite, and minor sphalerite, galena and chalcopryite with traces of Au, Ag. Developed by 300 ft of underground workings. Active claims

STATUS: Located:
Workings:
Sampled:

REFERENCES: See map no. J184

MAP NO. J186

NAME(S): Eagle Creek

LATITUDE (N): 58°18'10"

LONGITUDE (W): 134°28'22"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM: Disseminated, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Disseminated sulfides and pods of sulfides in E-W structure

STATUS: Located:
Workings:
Sampled:

REFERENCES: See map no. J184

NAME(S): Lucy, Lost

LATITUDE (N): 58°17'45

LONGITUDE (W): 134°26'15"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Au

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz stringers and 1-2 ft veins in slate and greenstone dike. Grades were less than 1 ppm Au, no Ag. A 315 ft tunnel driven before 1939

STATUS: Located:
Workings:
Sampled:

REFERENCES: ATDM, unpub. data, 1939
ADGGS, 1982, no. 98

MAP NO. J188

NAME(S): Claim: Gastineau Channel

LATITUDE (N): 58°17'35"

LONGITUDE (W): 134°25'37"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1* L

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1960

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 120

NAME(S): Claim block: Douglas Extension

LATITUDE (N): 58°16'55"

LONGITUDE (W): 134°24'45"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 7* L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims and millsites, 1890-1957

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 111

NAME(S): Skookum Chief, Lawson Cr., Bear Cr.

LATITUDE (N): 58°16'40"

LONGITUDE (W): 134°25'20" approximate

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L

RESOURCE (in order of abundance, if known): Au

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Originally prospected where free gold was found in a thin layer of debris on bedrock. Quartz stringers and narrow veins occur in a greenstone surrounded by slate. Mineralization consists of pyrite and traces of gold in sheared quartz veins and fracture zones. Developed by open cuts

STATUS: Located:
Workings:
Sampled:

REFERENCES: ATDM, unpub. data, 1936
ADGGS, 1982, no. 94

NAME(S): Douglas Mining Co., Josie and Karen

LATITUDE (N): 58°16'25"

LONGITUDE (W): 134°25'45"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L, 1 P

RESOURCE (in order of abundance, if known): Au (Cu, Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
1-3 ppm Au; (Buddington, 1926)

DESCRIPTION: Glassy quartz-calcite stringers in a 70-ft wide altered and sheared diorite dike which intrudes slate. Both stringers and diorite contain sparsely disseminated chalcopyrite, pyrite and sphalerite. Sampling indicated only traces of Au and Ag. A 125-ft tunnel and minor development 1922-24

STATUS: Located:
Workings:
Sampled:

REFERENCES: Buddington, 1926, p. 50
Cobb, 1972a, no. 60; 1978a, p. 47
ADGGS, 1982, no. 61, 193, 203

NAME(S): Claim block: Tyee and Holman

LATITUDE (N): 58°16'30"

LONGITUDE (W): 134°25'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1900 and 1936-82. Diamond drilling during 1916. Placer claims nearby in Lawson and Bear Creeks

STATUS: Located:
Workings:
Sampled:

REFERENCES: Eakin, 1918, p. 77
Cobb, 1978a, p. 69, 130
ADGGS, 1982, no. 106, 111 (same as cited for this table no. J189)

MAP NO. J193

NAME(S): Claim: Kowee Creek

LATITUDE (N): 58°16'00"

LONGITUDE (W): 134°27'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1880-1900

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 193

MAP NO. J194

NAME(S): Claims: Lawson, Bear Cr.

LATITUDE (N): 58°15'45"

LONGITUDE (W): 134°26'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 10 P

RESOURCE (in order of abundance, if known): Au?

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Various placer claims along Lawson Creek, 1881-1981

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 199, 202, 219

NAME(S): Jersey City

LATITUDE (N): 58°15'45"

LONGITUDE (W): 134°23'29"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Au

FORM: Vein, disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Schistose greenstone and interbedded slate with quartz stringers and locally abundant sulfides. Similar to the Alaska Treasure Mine (Eakin, 1915). Most work before 1918.

STATUS: Located:
Workings:
Sampled:

REFERENCES: Eakin, 1915, p. 98; 191b, p. 77
Berg and Cobb, 1967, p. 158
Cobb, 1972a, no. 61; 1978a, p. 75
ADGGS, 1982, no. 60

NAME(S): Claim: Bears Nest

LATITUDE (N): 58°16'11"

LONGITUDE (W): 134°22'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Au?

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1900

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 104

NAME(S): Treadwell Mines totals

LATITUDE (N): 58°15'-58°16'

LONGITUDE (W): 134°23'-134°21'

NO. OF CLAIMS (*-patented, L-lode, P-placer): 15* L, 18 L, 17 P

RESOURCE (in order of abundance, if known): Au, Ag (Cu, Mo, Pb, Zn, As, Sb, W, Sr, V)

FORM: Disseminated, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

28.7 million T crushed; 3.2 million oz Au; average 4-5 ppm Au; amounts of Ag, Pb unknown; (Stone and Stone, 1983)

DESCRIPTION: Albite-diorite sills intrude a NNW-striking, NE-dipping greenstone-slate contact along a chlorite schist horizon. The sills are irregular, with numerous pinches and swells and contain septa of slate and chlorite schist. Six major 'dikes' and many smaller intrusions occur, varying from dark, relatively unaltered diorite to white, albitized, veined and pyritized diorite. Mineralization is disseminated in highly altered rock in .1 in.-6 ft veins in the slate and schist septa and in the footwall. Ore shoots were 60-100 ft wide, concentrated along the slate footwall and in swells as 20°-40° S-dipping bands. Pyrite occurs as disseminated cubes in veins and veinlets, and in .5-4 in. clusters. Minor amounts of pyrrhotite, molybdenite, chalcopryrite, magnetite and rutile are commonly associated with the pyrite, and rarely galena, and sphalerite. Minute quantities of realgar, orpiment, native arsenic and scheelite occur. Gold is disseminated, free, and associated with quartz-calcite veins, and with secondary albite and pyrite. Grades mined ranged from 1-2 ppm Au to rare 170 ppm shoots. Samples collected in 1983 contained 2-9 ppm Au, 0-1 ppm Ag, 0-.2% Cu and Pb. Placer mining began in 1881, lode mining in 1882. All four mines had inter-connecting workings which extended under Gastineau Channel. In 1917 the Treadwell, 700 Ft and Mexican mines flooded, but the Ready Bullion was worked until 1922, and minor surface work continued until 1926. The mined area is 3,500 ft long, as much as 400 ft wide and 2,000-2,800 ft deep with thousands of feet of workings and three major glory holes. No data on Ag, Pb production

STATUS: Located: Yes

Workings: Caved

Sampled: Yes

REFERENCES: Becker, 1898, p. 10, 12, 62-70

Spencer, 1904, p. 29-30, 39-40; 1905, p. 69-87; 1906, p. 3-4, 36, 90-116

Wright and Wright, 1906, p. 39

Wright, 1907, p. 50-53

Eakin, 1918, p. 77-79

Martin, 1920, p. 29-30

Buddington and Chapin, 1929, p. 319, 329, 331, 347, 364-365, 377

Smith, 1942b, p. C172-174

Bain, 1946, p. 12-14

Twenhofel, 1952, p. 4, 15, 21-22, 45, 93

Noel, 1966, p. 218, 222

Berg and Cobb, 1967, p. 154-155

Koschmann and Bergendahl, 1968, p. 20-21

Cobb, 1972a, no. 62-63; 1978a, p. 125-128

ADGGS, 1982, no. 64, 136, 172, 177, 185, 194, 220

Stone and Stone, 1983, p. 10-36

NAME(S): Treadwell Mine

LATITUDE (N): 58°16'00"

LONGITUDE (W): 134°22'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
165 million T crushed; 1.9 million oz Au

NAME: 700 Ft Mine

LATITUDE (NO): 58°16'00"

LONGITUDE (W): 134°22'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
2.4 million T crushed; 247,000 oz Au

DESCRIPTION:

STATUS: Located:
Workings:
Sampled:

REFERENCES:

MAP NO. J197b

NAME(S): Treadwell-Mexican-Mine

LATITUDE (N): 58°15'50"

LONGITUDE (W): 134°22'15"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

4.4 million T crushed; 564,000 oz Au

DESCRIPTION:

STATUS: Located:
Workings:
Sampled:

REFERENCES:

MAP NO. J197c

NAME(S): Ready Bullion Mine

LATITUDE (N): 58°15'25"

LONGITUDE (W): 134°20'55"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
5.3 million T crushed; 528,000 oz Au

DESCRIPTION:

STATUS: Located:
Workings:
Sampled:

REFERENCES:

NAME(S): Claims: Treadwell Beach

LATITUDE (N): 58°15'40"

LONGITUDE (W): 134°21'15"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 10 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1880-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 185, 194, 212, 221, 225, 230 (in part
same as cited under this table no. J197)

NAME(S): Yakima

LATITUDE (N): 58°15'12"

LONGITUDE (W): 134°22'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L, 6 P

RESOURCE (in order of abundance, if known): Au? (Zn, Pb)

FORM: Disseminated, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Alternating beds of slate and greenstone include a 300+ ft wide, 1 mile long zone of quartz-sericite-pyrite schist. Pyrite occurs both along quartz-calcite veinlets and disseminated throughout the unit. Mineralization is 1-2% pyrite, traces of sphalerite and galena. Prospected by a shaft and several hundred ft of workings before 1904. Claims 1900 and 1983. Rock chip samples collected in 1983 over 2-5 ft width all yielded less than 1% Zn, traces to .55 ppm Au. See also Jersey City, Alaska Treasure

STATUS: Located: Yes
Workings: Caved
Sampled: Yes

REFERENCES: Spencer, 1904, p. 41; 1906, p. 92
Wright and Wright, 1906, p. 40
Wright, 1907, p. 54
Brew and Ford, 1969b
Cobb, 1978a, p. 136
ADGGS, 1982, no. 76, 186 (same as cited under this table no. J197)

NAME(S): Ready Bullion Creek

LATITUDE (N): 58°15'15"

LONGITUDE (W): 134°20'45"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Collapsed adits with small NW-trending quartz feldspar veins in a mafic dike and slate. Vein and dike contain 1-5% pyrite. One sample collected in 1983 contained 1,000 ppm V, no Ag, Au

STATUS: Located: Yes
Workings: Caved
Sampled: Yes

REFERENCES: D. E. Wells, unpub. field notes

MAP NO. J201

NAME(S): Claim: Bullion No. 1

LATITUDE (N): 58°14'53"

LONGITUDE (W): 134°29'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 P

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1959-81

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 118

NAME(S): Alaska-Taku

LATITUDE (N): 58°14'50"

LONGITUDE (W): 134°12'50" approximate

NO. OF CLAIMS (*-patented, L-lode, P-placer): 43? L

RESOURCE (in order of abundance, if known): Au, Cu (Zn, As)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Stringer lodes in slate near Grindstone and Rhine
Creeks. Claims 1900-1916 along a 5,000-ft NW trend.
Numerous prospects

STATUS: Located:
Workings:
Sampled:

REFERENCES: Chapin, 1916, p. 76
Eakin, 1918, p. 77, pl. VII
Cobb, 1978a, p. 21
ADGGS, 1982, no. 73

NAME(S): Claim: Douglas Island

LATITUDE (N): 58°13'50"

LONGITUDE (W): 134°23'35"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Disseminated pyrite in cellular pods associated with
feldspar lenses in volcanic rocks. May be approximate
location of Atlin Alaska prospect

STATUS: Located:
Workings:
Sampled:

REFERENCES: Lathram and others, 1959, no. 3
Cobb, 1978a, p. 11
ADGGS, 1982, no. 103

NAME(S): Red Diamond, Mammoth (Douglas Is.)

LATITUDE (N): 58°13'14"

LONGITUDE (W): 134°20'30" approximate

NO. OF CLAIMS (*-patented, L-lode, P-placer): See Alaska Treasure

RESOURCE (in order of abundance, if known): Au?

FORM: Vein, disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Red Diamond: Band of quartz-mica schist as much as 36 ft wide strikes N 30° E, dips 70° SE and contains quartz stringers and disseminated pyrite. Mineralized areas are bound by gouge zones. Similar, parallel zone a few hundred ft to east. 120 ft tunnel developed before 1906.

Mammoth: Bands of quartz-mica schist and slate. Pyrite and quartz stringers may be a continuation of Red Diamond. Developed by 2 short crosscuts before 1906. See also Alaska Treasure, Jersey City

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright and Wright, 1906, p. 39-40
Wright, 1907, p. 54
Cobb, 1978a, p. 114

NAME(S): Alaska Treasure, Nevada Creek

LATITUDE (N): 58°13'20"

LONGITUDE (W): 134°19'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 35* L, 21 L, 36 P

RESOURCE (in order of abundance, if known): Ag, Au, Pb, Zn (Cu, As, Co, Bi)

FORM: Disseminated, vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Country rock is phyllite, greenstone agglomerate and intercalated slate. Deposit is part of a 1-mile wide, 1.5-mile long area of alteration and mineralization. Mine area is centered on sericitized and silicified phyllites and felsic meta-volcanic units about 90 ft wide and 2,000 ft long. Mineralization consists of narrow bands of quartz-sericite-pyrite (1%) both in quartz-feldspar-carbonate veinlets and as disseminated auriferous pyrite. Sulfides are: Pyrite, chalcopyrite, galena, sphalerite, pyrrhotite, and tetrahedrite(?). Mining and development before 1915 resulted in 3,650 ft of workings, 365 ft of which was in ore. Grab samples taken in 1983 of sulfide-bearing schist averaged 1% Zn, with some Pb, and .65-1.5 ppm Au. Prospecting in late 1960's. Claims patented 1929, current claims. See also Yakima Mine, Jersey City, Cowee Creek, Red Diamond, Mammoth

STATUS: Located: Yes
Workings: Open
Sampled: Yes

REFERENCES: Spencer, 1904, p. 40-41; 1906, p. 92-93
Wright and Wright, 1906, p. 39-40
Wright, 1907, p. 53-54
Brooks, 1912, p. 25
Eakin, 1914, p. 96-98
Smith, 1917, p. 35
Brew and Ford, 1969b
Cobb, 1972a, no. 64; 1978a, p. 22-23
ADGGS, 1982, no. 70, 77, 145, 232

NAME(S): Nevada Creek

LATITUDE (N): 58°13'33"

LONGITUDE (W): 134°18'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): See Alaska Treasure

RESOURCE (in order of abundance, if known):

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Pyrite-bearing green phyllite in a short adit

STATUS: Located:
Workings:
Sampled:

REFERENCES: Brew and Ford, 1969b, no. 65

NAME(S): Silver Falls, Kathleen, Gold Fork, Clark, Sunset Cove

LATITUDE (N): 58°19'40"

LONGITUDE (W): 134°15'40" approximate

NO. OF CLAIMS (*-patented, L-lode, P-placer): 6 L

RESOURCE (in order of abundance, if known): Ag, Au, Sb, (Pb, Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Country rock is hornblende schist and mafic garnet gneiss with rare, thin quartz diorite and basalt dikes. Several 1-3 ft wide, quartz veins and thin quartz stringers in brecciated zones strike NE and dip steeply NE. Mineralization occurs both disseminated in breccia and as 2nd stage vein replacements. The larger veins may be traced as much as 300 ft and end at minor faults. Sulfides are pyrite, arsenopyrite, stibnite, and some sphalerite and galena. Numerous samples indicate a Au-Ag ratio of about 1:10 or greater (ATDM, 1940). Developed by numerous open cuts, 2 adits and a 150 ft crosscut. Samples collected in 1983 of veined shear zones contained .1-1% As, 15-100 ppm Ag, as much as 7 ppm Au. High grade veins contained .5-1% As, 15-500 ppm Ag, one sample contained 70 ppm Au

STATUS: Located: Yes
Workings: Open
Sampled: Yes

REFERENCES: Buddington, 1926, p. 50-52
Buddington and Chapin, 1929, p. 331
ATDM, 1940, unpub. data
Berg and Cobb, 1967, p. 155
Cobb, 1972a, no. 52; 1978a, p. 40
ADGGS, 1982, no. 72, 215

MAP NO. J208

NAME(S): Claim: Grindstone Creek

LATITUDE (N): 58°13'

LONGITUDE (W): 134°11' approximate

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 P

RESOURCE (in order of abundance, if known): Au

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1881-1981

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 210

NAME(S): Penn-Alaska

LATITUDE (N): 58°13'

LONGITUDE (W): 134°10' approximate

NO. OF CLAIMS (*-patented, L-lode, P-placer): 15* L

RESOURCE (in order of abundance, if known): Au?

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz claims, 1913-57, some work in 1914

STATUS: Located:
Workings:
Sampled:

REFERENCES: Eakin, 1915, p. 102
Chapin, 1916, p. 76
Cobb, 1972a, no. 59; 1978a, p. 106
ADGGS, 1982, no. 74

NAME(S): Claim group: Taku Inlet

LATITUDE (N): 58°14'15"

LONGITUDE (W): 134°06'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1881-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 218

MAP NO. J211

NAME(S): Claim block: Taku Mountain

LATITUDE (N): 58°04'10"

LONGITUDE (W): 134°01'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1964

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 131

MAP NO. J212

NAME(S): Claims: Taku Harbor

LATITUDE (N): 58°04'45"

LONGITUDE (W): 134°01'15"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L, 3 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1968-1974

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 138, 147, 148

NAME(S): Claims: Taku

LATITUDE (N): 58°04'10"

LONGITUDE (W): 134°00'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 P, 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1905-1946

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 124, 126

NAME(S): Claims: Taku Harbor

LATITUDE (N): 58°03'08"

LONGITUDE (W): 134°00'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L, 2 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1880-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: ADGGS, 1982, no. 191?, 213

MAP NO. S001

NAME(S): This number not used in this compilation.

LATITUDE (N):

LONGITUDE (W):

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION:

STATUS:

Located:

Workings:

Sampled:

REFERENCES:

MAP NO. S002

NAME(S): This number not used in this compilation.

LATITUDE (N):

LONGITUDE (W):

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION:

STATUS:

Located:

Workings:

Sampled:

REFERENCES:

MAP NO. S003

NAME(S):

LATITUDE (N):

LONGITUDE (W):

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION:

STATUS:

Located:

Workings:

Sampled:

REFERENCES:

MAP NO. S004

NAME(S):

LATITUDE (N):

LONGITUDE (W):

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION:

STATUS:

Located:

Workings:

Sampled:

REFERENCES:

MAP NO. S005

NAME(S): Unnamed

LATITUDE (N): 59°29'24"

LONGITUDE (W): 136°03'52"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cu)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz vein 1 ft thick contains trace amounts of copper

STATUS:

Located:
Workings:
Sampled:

REFERENCES: MacKevett and others, 1974, no. 75

MAP NO. S006

NAME(S): Unnamed

LATITUDE (N): 59°28'45"

LONGITUDE (W): 136°02'55"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Co, Cr, Cu, Ni)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Altered zone 1 ft wide contains trace amounts of cobalt, chromium, Chromium, copper, and nickel

STATUS:

Located:
Workings:
Sampled:

REFERENCES: MacKevett and others, 1974, no. 74

NAME(S): Unnamed

LATITUDE (N): 59°27'35"

LONGITUDE (W): 136°01'35"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Pb (Cu, Zn)

FORM: Disseminated(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Pyrite-bearing phyllite contains 500 ppm lead, 190 ppm copper, and 220 ppm zinc

STATUS:

Located:
Workings:
Sampled:

REFERENCES: Still and others, 1984, no. 191

MAP NO. S008

NAME(S): Unnamed

LATITUDE (N): 59°26'40"

LONGITUDE (W): 136°20'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cu)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Altered zone 3 ft wide contains trace amounts of copper

STATUS:

Located:

Workings:

Sampled:

REFERENCES: MacKevett and others, 1974, no. 77

MAP NO. S009

NAME(S): Unnamed

LATITUDE (N): 59°26'42"

LONGITUDE (W): 136°01'55"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Au, Zn)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz vein with chalcopyrite contains 0.033 ppm gold;
amphibolite contains 150 ppm zinc

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Still and others, 1984, no. 201

MAP NO. S010

NAME(S): Unnamed

LATITUDE (N): 59°26'15"

LONGITUDE (W): 136°02'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cu)

FORM: Vein(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz lens contains trace amounts of copper

STATUS:

Located:

Workings:

Sampled:

REFERENCES: MacKevett and others, 1974, no. 76

MAP NO. S011

NAME(S): Unnamed

LATITUDE (N): 59°25'23"

LONGITUDE (W): 136°05'09"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cu)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Chlorite-bearing quartz vein 0.5 ft thick contains trace amounts of copper

STATUS:

Located:

Workings:

Sampled:

REFERENCES: MacKevett and others, 1974, no. 65

MAP NO. S012

NAME(S): Unnamed

LATITUDE (N): 59°25'22"

LONGITUDE (W): 136°04'26"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cr, Cu, Ni, Pb)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Chip sample across a 30 ft wide altered zone contains trace amounts of chromium, copper, lead, and zinc (MacKevett and others, 1974); quartz veins contain 250 ppm lead (Still and others, 1984)

STATUS:

Located:
Workings:
Sampled:

REFERENCES: MacKevett and others, 1974, no. 66
Still and others, 1984, no. 207

MAP NO. S013

NAME(S): Unnamed

LATITUDE (N): 59°25'33"

LONGITUDE (W): 136°03'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu, Co (Au, Ag)

FORM: Vein(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Float sample of quartz with pyrrhotite and chalcopyrite
contains 1,500 ppm copper, 360 ppm cobalt, 0.165 ppm gold,
and 1.881 ppm silver

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Still and others, 1984, no. 205, 206

MAP NO. S014

NAME(S): Unnamed

LATITUDE (N): 59°25'45"

LONGITUDE (W): 136°01'46"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cr, Cu, Ni)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Chip sample across 5 ft wide altered zone contains trace amounts of cobalt, chromium, copper, nickel, and lead

STATUS:

Located:
Workings:
Sampled:

REFERENCES: MacKevett and others, 1974, no. 71

NAME(S): Claim block: Christys Mine

LATITUDE (N): 59°26'01"

LONGITUDE (W): 135°58'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 16 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1971

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 89

NAME(S): Unnamed

LATITUDE (N): 59°23'28"

LONGITUDE (W): 136°04'16"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM: Vein, disseminated?

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz vein and argillite country rock contain up to 610.9 ppm silver, 1.89 % zinc, 15.7 % lead, 0.471 ppm gold, and 170 ppm copper

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Still and others, 1984, no. 214, 215, 216

MAP NO. S017

NAME(S): Unnamed

LATITUDE (N): 59°23'13"

LONGITUDE (W): 136°02'53"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Zn)

FORM: Disseminated(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Pyritiferous shale contains 210 ppm zinc

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Still and others, 1984, no. 227

MAP NO. S018

NAME(S): Unnamed

LATITUDE (N): 59°22'54"

LONGITUDE (W): 136°02'36"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Zn)

FORM: Disseminated(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Limestone contains 240 ppm zinc

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Still and others, 1984, no. 229

MAP NO. S019

NAME(S): Unnamed

LATITUDE (N): 59°23'20"

LONGITUDE (W): 135°57'45"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Ag, Pb)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz vein 0.5 ft thick contains trace amounts of silver, arsenic, copper, and lead

STATUS:

Located:

Workings:

Sampled:

REFERENCES: MacKevett and others, 1974, no. 93

MAP NO. S020

NAME(S): Unnamed

LATITUDE (N): 59°22'42"

LONGITUDE (W): 136°05'19"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Ag, Co, Cu, Zn)

FORM: Disseminated(?), vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Sample of quartz contains 0.43 ppm silver; samples of sulfide-bearing country rock contain up to 130 ppm cobalt, 190 ppm copper, and 140 ppm zinc

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Still and others, 1984, no. 220, 221, 222

MAP NO. S021

NAME(S): Summit Creek

LATITUDE (N): 59°20'26"

LONGITUDE (W): 136°05'38"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): Ag, Pb (Cu)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Narrow quartz veins contain silver, lead, and some copper;
claim, 1981

STATUS:

Located:
Workings:
Sampled:

REFERENCES: Eakin, 1919, p. 18
Cobb, 1972c, no. 13
USBM, 1973c, no. 111

MAP NO. S022

NAME(S): Claims: Tom Wall Group

LATITUDE (N): 59°20'35"

LONGITUDE (W): 136°04'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 5 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1927, 1981

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 51c

MAP NO. S023

NAME(S): Unnamed

LATITUDE (N): 59°19'22"

LONGITUDE (W): 136°04'40"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Co, Cr, Cu, Ni, Mo, Pb)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Altered zone 1.5 ft thick contains 200 ppm chromium, 150 ppm copper, 70 ppm nickel, 10 ppm molybdenum, and trace amounts of cobalt and lead

STATUS:

Located:

Workings:

Sampled:

REFERENCES: MacKevett and others, 1974, no. 86

MAP NO. S024

NAME(S): Unnamed

LATITUDE (N): 59°19'01"

LONGITUDE (W): 136°07'18"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Ag)

FORM: Disseminated(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Pyritiferous silicified argillite contains 0.6 ppm silver

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Still and others, 1984, no. 234

MAP NO. S025

NAME(S): Unnamed

LATITUDE (N): 59°19'10"

LONGITUDE (W): 136°06'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Ag, As)

FORM: Disseminated(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Iron-stained silicified argillite contains 1,700 ppm arsenic and 0.5 ppm silver

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Still and others, 1984, no. 233

MAP NO. S026

NAME(S): Unnamed

LATITUDE (N): 59°15'05"

LONGITUDE (W): 135°52'18"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cu, Mo)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz vein 0.5 ft thick contains 150 ppm copper and trace amounts of chromium, molybdenum, nickel, and lead

STATUS:

Located:
Workings:
Sampled:

REFERENCES: MacKevett and others, 1974, no. 85

MAP NO. S027

NAME(S): Unnamed

LATITUDE (N): 59°12'35"

LONGITUDE (W): 136°04'15"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cu, Mo, Zn)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Molybdenite disseminated in biotite granodiorite(?): one sample contains 15 ppm molybdenite and trace amounts of lead; another contains 100 ppm copper, 200 ppm zinc, and trace amounts of cobalt, nickel, and lead

STATUS:

Located:
Workings:
Sampled:

REFERENCES: Winkler and MacKevett, 1970, no. BD 548A, B
Cobb, 1972c, no. 10
Cobb, 1978c, p. 115

MAP NO. S028

NAME(S): Unnamed

LATITUDE (N): 59°13'00"

LONGITUDE (W): 135°51'58"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Zn, Cu)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Hornfels with minor pyrrhotite(?), chalcopyrite(?), and pyrite contains 200 ppm zinc and trace amounts of cobalt, chromium, copper, nickel, and lead

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Winkler and MacKevett, 1970, no. BD 539B
Cobb, 1978c, p. 114

NAME(S): West of McBride Glacier

LATITUDE (N): 59°05'37"

LONGITUDE (W): 136°04'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Au, Ag, Cu)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Brew and others (1978) report that "Arsenopyrite, chalcoppyrite, pyrite, pyrrhotite and traces of gold occur in ankeritic zones near an irregular, interfingering contact that marks a facies change between marble and phyllite. About 10 separate zones are present and each is less than 10 ft wide and less than 100 ft long. The zones are copper- and iron-stained and are conformable with the bedding of the metasediments. One zone forms the hanging wall of a 5-ft-wide andesite dike that contains chalcoppyrite and pyrite. A 2-ft channel sample taken across an iron-stained zone in marble contained 0.003 oz Au per ton, 13,000 ppm Cu, 200 ppm Zn ..., 15 ppm Ag, 7,000 ppm As, 5 ppm Mo and greater than 5,000 ppm Mn. Four other channel samples, ranging in length from 1.0 to 2.4 ft, taken across similar zones in marble contained from 20 to 55 ppm Cu, from 10 to 80 ppm Zn ... and N to 10 ppm Mo. MacKevett and others (1970) report that a select grab sample of sulfide-bearing rock contained 0.088 oz Au/ton ... 7,000 ppm As and 150 ppm Cu. A 2-ft channel taken across an ankerite zone contained 0.0088 oz Au/ton ... and 100 ppm Cu."

STATUS:

Located:

Workings:

Sampled:

REFERENCES:

Cobb, 1972c, no. 7

Cobb, 1978c, p. 96

Brew and others, 1978, no. 77

MAP NO. S030

NAME(S): Casement Glacier Moraine

LATITUDE (N): 59°02'59"

LONGITUDE (W): 135°57'17"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Mo)

FORM: Unknown

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Brew and others (1978) report that "Molybdenite-bearing float was found on moraine of Casement Glacier by Ohio State University glaciologists."

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Cobb, 1972c, no. 8
Cobb, 1978c, p. 78
Brew and others, 1978, no. 76

MAP NO. S031

NAME(S): York Creek

LATITUDE (N): 59°01'12"
LONGITUDE (W): 136°06'07"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cu)

FORM: Veins and disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Brew and others (1978) report that "...about 15 widely spaced pyrite-rich quartz veins and altered zones containing pods of pyrite occur in hornfels. The quartz veins are up to 0.5 ft wide; the altered zones are up to 50 ft wide. An iron-stained zone about 1/2 mile long in siliceous limestone...contains an estimated 5-10 % pyrrhotite. MacKevett (1971) reports that a select grab sample of one of the quartz veins...contained 150 ppm Co, 1,500 ppm Cu, 150 ppm Ni, and a trace of gold...A 20-ft long spaced chip sample of one of the altered zones...contained 50 ppm Cu and a trace of gold...Morelein (1968) reports that a sample from the stained zone in limestone contained 2,260 ppm Cu and a trace of gold." Claims, 1965.

STATUS:

Located:
Workings:
Sampled:

REFERENCES: USBM, 1973c, no. 74
Brew and others, 1978, no. 91

MAP NO. S032

NAME(S): Claim: Vicki

LATITUDE (N): 59°03'41"

LONGITUDE (W): 135°27'43"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1977 (split group)

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 103

MAP NO. S033

NAME(S): Claim: Vicki

LATITUDE (N): 59°03'00"

LONGITUDE (W): 135°24'52"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1977 (split group)

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 103

MAP NO. S034

NAME(S): Hayes (location according to USBM (1973c))

LATITUDE (N): 59°01'43"

LONGITUDE (W): 135°26'09"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION:

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 77

MAP NO. S035

NAME(S): Hayes (location according to Cobb (1972c))

LATITUDE (N): 59°01'50"

LONGITUDE (W): 135°24'38"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Prospect in metasedimentary rocks including marble and limestone, on cliff above talus slope with float of magnetite, chalcopyrite, and hematite

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Cobb, 1972c, no. 9
Cobb, 1978c, p. 89

MAP NO. S036

NAME(S): This number not used in this compilation

LATITUDE (N):

LONGITUDE (W):

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION:

STATUS:

Located:

Workings:

Sampled:

REFERENCES:

MAP NO. S037

NAME(S): Claim block: Atlas

LATITUDE (N): 59°26'02"

LONGITUDE (W): 135°53'15"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 62 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1953-65

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 1

NAME(S): Klukwan Lode

LATITUDE (N): 59°25'35"

LONGITUDE (W): 135°52'49"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Fe, Ti, V (Ni, Pt-Pd)

FORM: Magmatic segregation

PRODUCTION AND RESERVES (Tons, ounces; grade; references): No production. 13 billion tons of reserves containing 0.2 % V_2O_5 (Fischer, 1975), 13 % magnetic iron (Berg and Cobb, 1967), 1.5-4.4 % TiO_2 (Wells and Thorne, 1953)

DESCRIPTION: Several tabular zones of titaniferous magnetite in pyroxenite surrounded by diorite; magmatic segregation with magnetite interstitial to pyroxene and idiomorphic against hornblende. According to Taylor and Noble (1969), the titaniferous magnetite is fairly uniformly distributed through the pyroxenite and makes up 15-20 percent of the rock. Other constituents are small amounts of chalcopyrite, hematite, pyrite, pyrrhotite, spinel, and leucoxene. Samples also contain as much as 0.11 % P, 0.03 % S, and 0.03 % Ni

STATUS:

Located:
Workings:
Sampled:

REFERENCES: Wells and Thorne, 1953
Robertson, 1956, p. 10-24
Berg and Cobb, 1967, p. 163
Cobb, 1972c, no. 16
MacKevett and others, 1974, p. 24-25
Taylor and Noble, 1969, p. 222
Fischer, 1975, p. B5
Cobb, 1978c, p. 92,93

NAME(S): Klukwan Fan

LATITUDE (N): 59°24'36"

LONGITUDE (W): 135°53'59"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 134 P

RESOURCE (in order of abundance, if known): Fe, Ti, V (Ni, Pt-Pd)

FORM: Alluvial fan

PRODUCTION AND RESERVES (Tons, ounces; grade; references): No production. An estimated 500 million tons of broken rock (Robertson, 1956) with 10 % titaniferous magnetite (Robertson, 1956), 0.05 % V₂O₅ (Fischer, 1975)

DESCRIPTION: Alluvial fan at foot of mountain slope below Klukwan Lode has radius of about a mile and an apex height of 700 ft. Deposits long known, but no great interest shown until after World War II. A few tons have been taken from the fan for metallurgical testing. It is made up of well mixed epidote diorite and pyroxenite in clasts that range in size from silt to large boulders. Claims, 1953-1967

STATUS:

Located:
Workings:
Sampled:

REFERENCES: Robertson, 1956, p. 28-36
Cobb, 1972c, no. 15
USBM, 1973c, no. 6
MacKevett and others, 1974, p. 18
Cobb, 1978c, p. 92, 93

MAP NO. S040

NAME(S): Claim group: Hotch

LATITUDE (N): 59°24'02"

LONGITUDE (W): 135°54'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 10 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1956

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 15

MAP NO. S041

NAME(S): Claims: Binks

LATITUDE (N): 59°23'15"

LONGITUDE (W): 135°48'59"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1972-1973

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 91

MAP NO. S042

NAME(S): Unnamed

LATITUDE (N): 59°25'05"

LONGITUDE (W): 135°40'47"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Au?)

FORM: Placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Placer gold claim reported by Berg and others (1981); no gold found by Redman and others (1984)

STATUS:

Located:
Workings:
Sampled:

REFERENCES: Berg and others, 1981, no. 69
Redman and others, 1984, no. 11

MAP NO. S043

NAME(S): Unnamed

LATITUDE (N): 59°23'19"

LONGITUDE (W): 135°41'52"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Au, Ag, Mo)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz veins 1-4 mm wide and several m long contain small amounts of molybdenum; one sample contains 0.7 ppm gold, 2.3 ppm silver, and 137 ppm molybdenum

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Redman and others, 1984, no. 13

MAP NO. S044

NAME(S): Unnamed

LATITUDE (N): 59°20'00"

LONGITUDE (W): 135°40'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu

FORM: Veins

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Quartz veins containing bornite and hematite

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Cobb, 1972c, no. 17
Cobb, 1978c, p. 113

NAME(S): Unnamed

LATITUDE (N): 59°19'20"

LONGITUDE (W): 135°39'45"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu (Ag)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: A 25 m wide by at least 100 m long zone of malachite-stained bornite-chalcopyrite-quartz veins cut diorite; veins strike 025 and dip 55 to east. One sample contains 5.73 % copper and 21 ppm silver

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Redman and others, 1984, no. 5

MAP NO. S046

NAME(S): Claim: Independence

LATITUDE (N): 59°18'45"

LONGITUDE (W): 135°42'45"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1977

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 102

MAP NO. S047

NAME(S): Unnamed

LATITUDE (N): 59°18'25"

LONGITUDE (W): 135°43'37"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Au?)

FORM: Placer

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Placer gold claim reported by Berg and others (1981); no gold found by Redman and others (1984)

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Berg and others, 1981, no. 29?
Redman and others, 1984, no. 12

MAP NO. S048

NAME(S): Unnamed

LATITUDE (N): 59°17'20"

LONGITUDE (W): 135°40'53"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu (Ag)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: A series of chalcopyrite-bearing quartz veins 2 to 25 cm thick and at least 10 m long cut a diorite dike in metabasalt; one sample contained 520 ppm copper and 0.3 ppm silver

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Redman and others, 1984, no. 7

MAP NO. S049

NAME(S): Unnamed

LATITUDE (N): 59°17'29"

LONGITUDE (W): 135°40'56"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known): (Ag, Cu)

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1961.

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 70

MAP NO. S050

NAME(S): Unnamed

LATITUDE (N): 59°16'10"

LONGITUDE (W): 135°37'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Fe, Ti

FORM: Magmatic segregation(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Magnetite-rich metabasalt

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Redman and others, 1984, no. 4

MAP NO. S051

NAME(S): Unnamed

LATITUDE (N): 59°16'21"

LONGITUDE (W): 135°36'29"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Fe, Ti

FORM: Magmatic segregation(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Magnetite-rich metabasalt

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Redman and others, 1984, no. 3

MAP NO. S052

NAME(S): Unnamed

LATITUDE (N): 59°16'33"

LONGITUDE (W): 135°31'08"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Fe, Ti

FORM: Magmatic segregation(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Magnetite-rich metabasalt

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Redman and others, 1984, no. 2

MAP NO. S053

NAME(S): Mt. Ripinski

LATITUDE (N): 59°15'40"

LONGITUDE (W): 135°31'07"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Fe, Ti

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Titaniferous magnetite deposits associated with mafic and ultramafic rocks

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Winkler and MacKevett, 1970, p. 2, fig. 1
Cobb, 1978c, p. 100

MAP NO. S054

NAME(S): Unnamed

LATITUDE (N): 59°15'30"

LONGITUDE (W): 135°30'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Fe, Ti

FORM: Magmatic segregation

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Location given for site of tunnel in magnetite-bearing
pyroxenite described under location S056

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Redman and others, 1984, no. 1

MAP NO. S055

NAME(S): Claims: Encore

LATITUDE (N): 59°15'18"

LONGITUDE (W): 135°31'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1960

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 68

NAME(S): Haines

LATITUDE (N): 59°14'30"

LONGITUDE (W): 135°29'47"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Fe, Ti

FORM: Magmatic segregation(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Pyroxenite apparently surrounds a small body of epidote granite and in turn is surrounded (with gradational contact) by metabasalt. Contains probably less than 10 % magnetite in grains as much as 1/4 in. in diameter. Ilmenite intergrown with magnetite; some apatite present. Resource estimated at several billion tons of material containing less than 10 % magnetite and 1.3-1.8 % TiO₂. Only exploration is 100-ft tunnel driven about 1906. Possible location of the tunnel plotted as S054.

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Robertson, 1956, p. 10, 13, 24-27
Cobb, 1972c, no. 18
Cobb, 1978c, p. 87-88
Redman and others, 1984, no. 1

MAP NO. S057

NAME(S): Claims: Mag

LATITUDE (N): 59°13'29"

LONGITUDE (W): 135°24'37"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1963

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 73

MAP NO. S058

NAME(S): Chilkat Peninsula

LATITUDE (N): 59°12'15"

LONGITUDE (W): 135°22'02"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cr, Cu)

FORM: Disseminated(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Chalcopyrite-bearing epidote-rich greenstone/amphibolite
contains 150 ppm chromium, 300 ppm copper, and some cobalt
and nickel

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Winkler and MacKevett, 1970, no. BD 473D
Cobb, 1972c, no. 19
Cobb, 1978c, p. 79

MAP NO. S059

NAME(S): Claims: Lookout

LATITUDE (N): 59°04'40"

LONGITUDE (W): 135°16'25"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Jadeite

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1961

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 69

MAP NO. S060

NAME(S): This number not used in this compilation

LATITUDE (N):

LONGITUDE (W):

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION:

STATUS:

Located:

Workings:

Sampled:

REFERENCES:

MAP NO. S061

NAME(S): This number not used in this compilation

LATITUDE (N):

LONGITUDE (W):

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION:

STATUS:

Located:
Workings:
Sampled:

REFERENCES:

MAP NO. S062

NAME(S): This number not used in this compilation

LATITUDE (N):

LONGITUDE (W):

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION:

STATUS:

Located:

Workings:

Sampled:

REFERENCES:

MAP NO. S063

NAME(S): This number not used in this compilation

LATITUDE (N):

LONGITUDE (W):

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION:

STATUS:

Located:
Workings:
Sampled:

REFERENCES:

MAP NO. S064

NAME(S): Claims: Lucky 5

LATITUDE (N): 59°29'43"

LONGITUDE (W): 135°15'55"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1958

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 61

MAP NO. S065

NAME(S): Claim: Trio

LATITUDE (N): 59°29'29"

LONGITUDE (W): 135°15'35"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1956

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 18

MAP NO. S066

NAME(S): Unnamed

LATITUDE (N): 59°28'40"

LONGITUDE (W): 135°28'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Ag, Cu, Mo (Pb)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Float of quartz vein; sample contained 50.5 ppm silver,
580 ppm copper, 128 ppm molybdenum, and 170 ppm lead

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Redman and others, 1984, no. 8

MAP NO. S067

NAME(S): Claims: Eagle

LATITUDE (N): 59°29'10"

LONGITUDE (W): 135°20'21"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1956-1960

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 21

MAP NO. S068

NAME(S): Skagway

LATITUDE (N): 59°28'35"

LONGITUDE (W): 135°17'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (U)

FORM: Disseminated(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Freeman (1963) reports that a small, altered rhyolite(?) body surrounded by faulted quartz diorite is intruded by fine-grained andesitic dikes. Uranium is adjacent to a steeply dipping fracture in rhyolite associated with iron-oxide staining and globules of clay that resemble vesicle fillings. Sample of clay contained 0.72 % eU and 1.2 % U; only a very small amount of this material present. Mineralized rock (iron-stained, altered rhyolite(?)) contains as much as 0.22 % eU. No sulfides; a few specks of purple fluorite

STATUS:

Located:
Workings:
Sampled:

REFERENCES: Freeman, 1963, p. 30
Cobb, 1972c, no. 20
Cobb, 1978c, p. 108

MAP NO. S069

NAME(S): Claims: Hello; Charley-Jack

LATITUDE (N): 59⁰28'20"

LONGITUDE (W): 135⁰17'05"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1956-1958

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 17, 23

MAP NO. S070

NAME(S): Claims: Hope

LATITUDE (N): 59°27'56"

LONGITUDE (W): 135°12'03"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1952-1961

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 7

MAP NO. S071

NAME(S): Claim: Skagway Discovery

LATITUDE (N): 59°27'20"

LONGITUDE (W): 135°19'22"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1955

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 11

MAP NO. S072

NAME(S): Claims: BB

LATITUDE (N): 59°26'51"

LONGITUDE (W): 135°19'21"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 5 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1956

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 19

MAP NO. S073

NAME(S): Claim: Bilks

LATITUDE (N): 59°26'21"

LONGITUDE (W): 135°19'53"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1956

STATUS:

Located:
Workings:
Sampled:

REFERENCES: USBM, 1973c, no. 13

MAP NO. S074

NAME(S): Claim: Rapuzzi-Bates

LATITUDE (N): 59⁰26'22"

LONGITUDE (W): 135⁰19'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1956

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 24

MAP NO. S075

NAME(S): Claim: Nevada

LATITUDE (N): 59°25'48"

LONGITUDE (W): 135°06'14"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1952-1953

STATUS:

Located:

Workings:

Sampled:

REFERENCES: USBM, 1973c, no. 8

MAP NO. S076

NAME(S): Unnamed

LATITUDE (N): 59°25'12"

LONGITUDE (W): 135°25'25"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Ag, Cu)

FORM: Vein(?)

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Small (6 cm long), massive pods of pyrrhotite with trace of chalcopyrite in quartz associated with fault zone cutting paragneiss; one sample contained 3.1 ppm silver and 555 ppm copper

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Redman and others, 1984, no. 9

MAP NO. S077

NAME(S): Unnamed

LATITUDE (N): 59°20'59"

LONGITUDE (W): 135°30'41"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (Cu?)

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Lode claims reported by Berg and others (1981) and stated to contain copper were looked for but not found by Redman and others (1984)

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Berg and others, 1981, no. 27
Redman and others, 1984, no. 6

MAP NO. S078

NAME(S): Unnamed

LATITUDE (N): 59°19'02"

LONGITUDE (W): 135°24'48"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): (RA?)

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Deposit of radioactive minerals reported by Berg and others (1981) looked for and not found by Redman and others (1984)

STATUS:

Located:

Workings:

Sampled:

REFERENCES: Berg and others, 1981, no. 26
Redman and others, 1981, no. 26

MAP NO. S079

NAME(S): Claim: Santa Claus

LATITUDE (N): 59°18'13"

LONGITUDE (W): 135°24'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 2 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1955

STATUS:

Located:
Workings:
Sampled:

REFERENCES: USBM, 1973c, no. 12

MAP NO. T001

NAME(S): Claim: Michael's Sword area

LATITUDE (N): 58°43'

LONGITUDE (W): 133°53'

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L

RESOURCE (in order of abundance, if known): Pb, Zn

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1957

STATUS: Located:
Workings:
Sampled:

REFERENCES: USBM, 1973b, no. 9

MAP NO. T002

NAME(S): Boundary Creek

LATITUDE (N): 58°38'45"

LONGITUDE (W): 133°50'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu (Ag, Mo)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: A Tertiary(?) .4 mi wide, 2 mi long dike-like body of iron-stained granodiorite and aplite in tonalite. Dike and related quartz diorites contain visible molybdenite. Samples contain as much as 10 ppm Ag, 300 ppm Cu, and 10 ppm Mo

STATUS: Located:
Workings:
Sampled:

REFERENCES: Brew and Ford, 1969a, p. 12-15
Cobb, 1972b, no. 1; 1978b, p. 46

MAP NO. T003

NAME(S): West Hill (Relief, Chester)

LATITUDE (N): 58°33'30"

LONGITUDE (W): 133°42'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 8* L; 2* millsite

RESOURCE (in order of abundance, if known): Au (Zn, Cu, Ag)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Veins 1-10 ft wide, average 2 ft in schist and slate with sphalerite, pyrrhotite, and minor pyrite, galena, chalcopyrite, low amounts of gold and silver. Developed by a shaft, a 130 ft tunnel, minor crosscuts and some trenching

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wedow and others, 1952, p. 57
Cobb, 1978b, p. 50
ADGGS, 1982, no. 65 (ref. to U.S. Mineral Survey 1589)
Stone, D., oral commun., 1983

MAP NO. T004

NAME(S): Claim block: Kluchman Mt.

LATITUDE (N): 58°32'12"

LONGITUDE (W): 133°41'50"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 21 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1970-76; reported to be Ni-Cu prospect

STATUS: Located:
Workings:
Sampled:

REFERENCES: USBM, 1973b, no. 11

MAP NO. T005

NAME(S): Claim block: A, B, C, Mt. Ogden

LATITUDE (N): 58⁰27'15"

LONGITUDE (W): 133⁰25'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 48 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1977-81

STATUS: Located:
Workings:
Sampled:

REFERENCES: USBM, 1973b, no. 10

MAP NO. T006

NAME(S): Mt. Ogden

LATITUDE (N): 58°26'10"

LONGITUDE (W) 133°23'35"

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Mo, Cu (W, Pb, Zn, Au)

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: A reported molybdenum prospect found by tracing float up Wright Glacier. A 4,500 ft x 5,000-6,900 ft diorite porphyry stock with sericitic, potassic, and chlorite alteration and minor quartz-breccia bodies hosts molybdenite as disseminated crystals (rare), and in miarolitic cavities, fractures, and quartz veins. Minor amounts of scheelite, fluorite, rhodochrosite, arsenopyrite, sphalerite, galena and gold are also reported in veins and breccia. Most mineralization is in Canada

STATUS: Located:
Workings:
Sampled:

REFERENCES: Beley, 1980, p. 55-61

MAP NO. T007

NAME(S): Mt. Brundage

LATITUDE (N): 58°16'30"

LONGITUDE (W): 133°21'

NO. OF CLAIMS (*-patented, L-lode, P-placer):

RESOURCE (in order of abundance, if known): Cu?

FORM: Disseminated

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Traces of chalcopyrite and pyrrhotite in iron-stained siliceous gneiss

STATUS: Located:
Workings:
Sampled:

REFERENCES: Brew and others, 1977, p. 243
Cobb, 1978b, p. 48
Kimball and others, 1984, p. 203

MAP NO. T008

NAME(S): Claim block: Crescent Lake

LATITUDE (N): 58°14'10"

LONGITUDE (W): 133°27'37"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 6 L

RESOURCE (in order of abundance, if known): Cu?

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1956

STATUS: Located:
Workings:
Sampled:

REFERENCES: USBM, 1973b, no. 3
Kimball and others, 1984, p. 203

MAP NO. T009

NAME(S): Claim block: Taku Chief

LATITUDE (N): 58°05'10"

LONGITUDE (W): 133°58'05"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 3 L

RESOURCE (in order of abundance, if known): Au, Zn

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1954-1980

STATUS: Located:
Workings:
Sampled:

REFERENCES: USBM, 1973b, no. 2

MAP NO. T010

NAME(S): Claim block: AEK

LATITUDE (N): 58°05'15"

LONGITUDE (W): 133°53'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 202 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1880-1980

STATUS: Located:
Workings:
Sampled:

REFERENCES: USBM, 1973b, no. 17

NAME(S): Claim block: Prospect Creek, Hope Creek

LATITUDE (N): 58°05'13"

LONGITUDE (W): 133°52'12"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 177 P

RESOURCE (in order of abundance, if known): Cu, Mo? (Barite, Ag, Be)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Thin-bedded iron-stained slate with rare .3-2.5 in. quartz veins. Disseminated euhedral pyrite in fractures, along cleavage and in quartz veins. A 6.5 ft chip sample collected in 1983 contained .5% traces of Be, Ag

STATUS: Located: Yes
Workings:
Sampled: Yes

REFERENCES: USBM, 1973b, no, 14
D. E. Wells, unpub. field notes

MAP NO. T012

NAME(S): Sunrise Canyon, Slocum Inlet

LATITUDE (N): 58°04'30"

LONGITUDE (W): 133°55'05"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 8? L

RESOURCE (in order of abundance, if known): Mn

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: A zone of schistose phyllites 200-300 ft wide strike N 50° W, dip 45°-85° NE, contain persistent 0.1-3.5 ft manganese-bearing veins over a 6,000-ft length. The veins contain rhodochrosite, manganese oxide, rhodonite and quartz. A channel sample 3.5 ft wide assayed 22% Mn, a 1.0 ft sample contained 32% Mn. Beneficiation tests failed to produce a marketable concentrate. Claims, 1935-1979

STATUS: Located:
Workings:
Sampled:

REFERENCES: Pittman, 1957
Cobb, 1972b, no. 4; 1978b, p. 49
USBM, 1973b, no. 1

NAME(S): Limestone Inlet, Enterprise, Arizona Group

LATITUDE (N): 58°02'45"

LONGITUDE (W): 133°58'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 4 L, 8 P

RESOURCE (in order of abundance, if known): Au, Cu, Pb, Zn

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Country rock is slate and greenstone which have been intruded by a porphyritic diorite. Two parallel sheeted quartz veins, average 2-3 ft wide (maximum 9 ft wide), and several hundred ft long, strike N 25° E, dip 45° NW. Veins contain free gold and minor amounts of galena, sphalerite, chalcopyrite and pyrite. A similar occurrence (Arizona group) is located a few hundred ft to the northwest. Developed by about 500 ft of drifts and a raise before 1916. Minor production? Claims 1880-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: Wright, 1908, p. 90; 1909, p. 72
Knopf, 1911b, p. 97-98
Smith, 1917, p. 24
Eakin, 1918, p. 77-78
Berg and Cobb, 1967, p. 155
Cobb, 1972b, no. 2; 1978b, p. 47
USBM, 1973b, no. 4, 5, 6, 16

MAP NO. T014

NAME(S): Claims: Limestone Inlet

LATITUDE (N): 58°02'45"

LONGITUDE (W): 133°58'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): ? P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Possible coarse grained marble resource. An unknown number of placer claims, 1900

STATUS: Located:
Workings:
Sampled:

REFERENCES: Burchard, 1920, p. 40-41, 112-113
USBM, 1973b, no. 7

MAP NO. T015

NAME(S): Claim block: Whigg Creek

LATITUDE (N): 58°00'20"

LONGITUDE (W): 133°48'20"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 39 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1880-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: USBM, 1973b, no. 15

MAP NO. T016

NAME(S): Claim block: Lady Dee

LATITUDE (N): 58°03'25"

LONGITUDE (W): 133°42'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 42 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1978-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: USBM, 1973b, no. 12

MAP NO. T017

NAME(S): Claim: Miss Pickle, Whiting River

LATITUDE (N): 58°02'35"

LONGITUDE (W): 133°37'30"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 1 L

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claim, 1980-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: USBM, 1973b, no. 19

MAP NO. T018

NAME(S): Claim block: JLC

LATITUDE (N): 58°03'00"

LONGITUDE (W): 133°32'00"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 114 P

RESOURCE (in order of abundance, if known):

FORM:

PRODUCTION AND RESERVES (Tons, ounces; grade; references):

DESCRIPTION: Claims, 1880-1980

STATUS: Located:
Workings:
Sampled:

REFERENCES: USBM, 1973b, no. 18

NAME(S): Whiting River, Lost Charlie, Ross

LATITUDE (N): 58°03'15"

LONGITUDE (W): 133°26'35"

NO. OF CLAIMS (*-patented, L-lode, P-placer): 5 L

RESOURCE (in order of abundance, if known): Ag, Au, Pb, (Zn, Cu, As)

FORM: Vein

PRODUCTION AND RESERVES (Tons, ounces; grade; references):
1,808 ppm Ag, 57 ppm Au + Pb (Knopf, 1910)

DESCRIPTION: Quartz fissure veins in dolomite septum or pendant in diorite. Sulfides include arsenopyrite, pyrite, pyrrhotite, galena, sphalerite and chalcopyrite. Assay value given above is for a selected 17-in. sample. Veins are complexly faulted. One vein exposed along an 80-ft open cut is as much as 4-5 ft wide, others are much smaller. Development consists of open pits and one 75-ft tunnel. Claims, 1909-1982

STATUS: Located:
Workings:
Sampled:

REFERENCES: Knopf, 1910, p. 139
Buddington, 1925, p. 135-136
Berg and Cobb, 1967, p. 155
Cobb, 1972b, no. 3; 1978b, p. 51-52
USBM, 1973b, no. 8
Brew and others, 1977, p. 230-233
Kimball and others, 1984, p. 196-198

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