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METALLIC MINERAL DEPOSITS OF SOUTHEASTERN ALASKA

BY

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INTRODUCTION

This table and accompanying map briefly describe the metallic and certain nonmetallic mineral deposits publically known in southeastern Alaska in 1980. This report is part of a regional metallogenic analysis and mineral resource assessment of southeastern Alaska. Its purpose is to provide a background of current and historic mineral deposit data that ultimately will be integrated with other geological data to produce a metallogenic map and the resource assessment.

This report is based on an extensive literature search, consultations with colleagues, recent field examinations by U.S. Geological Survey (U.S.G.S.) geologists, and information from private mineral exploration companies and consultants that has been made public. We also used U.S. Bureau of Mines (U.S.B.M.) maps depicting locations of mining claims. We brought the U.S.G.S. and U.S.B.M. data up to date where possible with information from other public sources; even so, there are large disparities in our information about the deposits, which ranges from well-documented reports of modern studies to vague descriptions in the old literature. We have made no attempt to evaluate the size, grade, or economic value of the deposits. However, some indication of their significance can be inferred from the table. A future report will provide a geological assessment of the area's mineral endowment and its potential mineral resources.

In this report, "southeastern Alaska" comprises the Alaska panhandle from the Gulf of Alaska to the U.S.-Canada boundary between latitudes 54°30' and 60°00' North. The deposits are numerically tabulated within their

respective 1:250,000-scale quadrangles, which are listed in the following alphabetic sequence (see index map for locations): Bradfield Canal, Craig, Dixon Entrance, Juneau, Ketchikan, Mt. Fairweather, Petersburg, Port Alexander, Prince Rupert, Sitka, Skagway, Sumdum, Taku River, and Yakutat.

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We thank our U.S. Geological Survey colleagues Edward H. Cobb for painstakingly reviewing and correcting the entire report; Donald Grybeck and Edward M. MacKevett, Jr. for contributing to the descriptions of several newly discovered or otherwise key mineral deposits; and Mary J. Malloy, Cynthia A. Maley, and Carl Schwab for their outstanding work in preparing the report for publication.

EXPLANATION

TABLE HEADINGS

MAP NO. AND NAME(S) (if known)

Map no. refers to a specific deposit in a given quadrangle on the mineral deposits map and serves to link the map and table. Name(s) of mines or prospects are derived from published sources or from general usage. In some cases more than one mine or prospect are grouped under the same map number. Names in parentheses are alternate and generally less valid names for the mine or prospect preceding the parentheses.

MAP COORDINATES, LOCATION

For most deposits, location is given in latitude and longitude to the nearest minute. Locations of some deposits recently examined by U.S.G.S. geologists are given to the nearest second. The locations of many of the deposits described in the early literature are only vaguely known; coordinates for these deposits are followed by the notation "location approx." Early information about the locations of a few deposits listed in the table is so scanty that we could not plot them on the map. A few deposits whose positions were copied from generalized maps released by private mining interests were plotted on the map but we did not list their coordinates.

CATEGORY refers to the classification of the deposit by conventional terminology. The terms mine, prospect, claim, and occurrence are used as follows:

M--Mine: a mineral deposit with recorded production. In some cases, ore may have been mined, but not necessarily shipped. Claims may or may not be active.

P--Prospect: a deposit that has been staked and, in most cases, has been scantily explored, but lacks evidence of production. Probably some of the gold deposits that are listed as prospects have had at least meager production, but because of lack of substantive evidence they are classified as prospects. Claims may or may not be active.

C--Claim: a lode or placer deposit for which the only available information consists of a claim reported on U.S. Bureau of Mines claim maps. According to Bureau of Mines usage, the term "lode" refers to any form of mineral deposit other than a placer deposit.

O--Occurrence: a deposit that may or may not be claimed, and is mainly known from published early reports, from recent U.S. Geological Survey, Alaska Division of Geological and Geophysical Surveys, or U.S. Bureau of Mines investigations, or from reliable but otherwise unconfirmed reports released by certain private mining interests. Numerous occurrences apparently only of pyrite are not included in the map and table, nor are unevaluated or unchecked occurrences of apparently anomalous metals in rock geochemical samples.

FORM OF DEPOSIT denotes the physical aspect of a deposit, whether, for example, it consists of a vein, disseminated mineral grains, or masses of minerals. The terms used under this heading are as descriptive as possible, and are distinct from genetic terms such as "porphyry" or "volcanogenic", which imply origin or history of deposit. When appropriate, such genetic classifications of mineral deposits and other interpretive information appear in the column headed "Brief description". Because mineral deposits generally are geologically complex, a mine or prospect may contain more than one form of deposit; in addition, certain forms of deposits may be gradational. The following terms describing forms of deposits are used in this report:

Lode or placer--U.S. Bureau of Mines claim maps classify mineral occurrences only as lode or placer deposits, without further information about form of deposit

Vein--single or multiple veins of quartz, carbonate, or other gangue minerals containing varying amounts of metallic minerals; also veins of potentially valuable nonmetallic ore minerals such as asbestos and barite. Under this heading, the term vein includes deposits described as individual veins, and as veinlets, stringers, stockworks, fissure veins, breccia lodes, fracture fillings, gash veins, joint facings, and mineralized shear zones

Disseminated--deposits in which potentially valuable minerals occur as individual particles, or as minute veinlets or clusters more or less evenly distributed in the hostrock

Massive--solid masses of potentially valuable minerals in any form, including veins, beds, lenses, etc., essentially free of barren rock or of gangue minerals such as quartz or carbonate. Does not include "shoots" in quartz veins

Stratiform (also bed or bedded)--a deposit having the form of a stratum or layer. In this report, we use the term stratiform in an objective sense, to describe the form of a deposit. We use the term stratabound in an interpretive sense, to imply a syngenetic origin for a deposit originally confined to (but not necessarily forming) a stratum, and regardless of any subsequent metamorphic or hydrothermal mobilization, concentration, or redistribution. The term stratabound thus appears only in the column that describes or interprets the geology of the deposits (headed "Brief description")

Float--loose or scattered rock or mineral material whose bedrock source may or may not be known

Stain--discoloration on the surface of an outcrop or lode caused by weathering, oxidation, leaching, or hydrothermal alteration. Stains most commonly are rust-colored ("iron-stain") due to weathering and oxidation of pyrite or other iron minerals; or green or blue due to solution of copper sulfides and redeposition as copper silicate or carbonate ("secondary copper minerals")

RESOURCES This column lists the potentially valuable mineral commodities known or reported at each locality. Commodities are listed in alphabetical order, without implying abundance or commercial value. Commodities listed under Resources are queried when their presence is uncertain, ambiguously described, reported only in unconfirmed accounts, or inferred from indirect evidence. Metallic commodities are shown by standard chemical symbols; nonmetallic commodities are abbreviated by appropriate lower case letters (see "Abbreviations used")

BRIEF DESCRIPTION provides condensed descriptions or interpretations of the geology and mineralogy of the deposits, and in some instances production and historical data. Wherever possible, dollar values for assays or production are converted to tenor or tonnage. When this is not possible (as for combined or cumulative production), dollar values simply are quoted from the original source. Measurements are also quoted from original sources, without converting non-metric to metric units. Information about deposits known only from U.S. Bureau of Mines claim maps generally is limited to number of claims, year staked, and extent of workings, if any. If sufficient information is available, this description may include a genetic classification of the deposit, and an interpretation of its age, origin, and history

PRINCIPAL REFERENCES cites the sources of information used in the map and table. A list of references follows the table

ABBREVIATIONS USED

Standard chemical symbols:	for example, Au, gold; Cu, copper; Fe, iron; U, uranium; etc.
RA:	radioactive minerals or materials; used when radioactive element is not specified
REE:	unspecified rare-earth elements
sq, cu:	square, cubic
cm, mm, km, m:	centimeter, millimeter, kilometer, meter
in, ft, yd, mi:	inch, foot, yard, mile
oz, lb:	ounce, pound
ppm:	parts per million
AA, ss:	atomic absorption, semiquantitative spectrographic (geochemical analyses)

MINERALS

act--actinolite
all--allanite
amp--amphibole
ap--apatite
aspy--arsenopyrite
az--azurite
ba--barite
bn--bornite
bt--biotite
calc--calcite
cb--cubanite
cc--chalcocite
ch--chrysocolla
chl--chlorite
cp--chalcopyrite
cr--chromite
cu--cuprite
cv--covellite
dig-digenite
dp--diopside
en--enargite
ep--epidote
fb--freibergite
fl--fluorite
gn--galena
gp--graphite
gr--garnet
gy--gypsum
hem--hematite
hnbd--hornblende
hyp--hypersthene
il--ilmenite
leux--leucoxene
lo--lollingite
mag, mg--magnetite
md--molybdite
ml--malachite
mo--molybdenite
ms--marcasite
musc--muscovite
mz--monazite
or--orpiment
pent-pentlandite
ph--phlogopite
plag--plagioclase
po--pyrrhotite
pow--powellite
py--pyrite
pyr--pyrolusite
pyrt--pyrargyrite
pyx--pyroxene
qz--quartz
rg--realgar
rt--rutile
sb--stibnite
sc--scheelite
sl--sphalerite
sp--spinel
spec--specularite
sph--sphene
td--tetrahedrite
ten--tenorite
th--thorite
tn--tennantite
tr--tremolite
tt--tetradymite
wi--witherite
wl--wollastonite
zr--zircon

TABLE 1 -- DESCRIPTIONS OF METALLIC AND SELECTED NONMETALLIC MINERAL DEPOSITS IN SOUTHEASTERN ALASKA

BRADFIELD CANAL QUADRANGLE
(latitude 56° - 57°; longitude 130° - 132°)

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
1	Spud	56°29'N, 131°59'W location approx.	C	Lode	Ag,Pb,Zn	Replacement in marble	U.S. Bureau of Mines, 1978a
2	Copper King	56°28'N, 132°00'W location approx.	P	Vein	Ag,Au,Cu,Pb, Zn	Sulfide-bearing vein(?) reported to carry Cu, Zn, and Pb minerals and some Au and Ag. Claim(s) staked in 1906 and restaked in 1951. Adit driven, 1916. Reference may actually be to Berg Basin Petersburg quad. Includes references to Berg	Chapin, 1916, p. 78; 1918, p. 75; Berg and Cobb, 1967, p. 192; Cobb, 1972a; 1978a, p. 19
3	--	56°24'N, 131°56'W location approx.	C	Lode	Au		U.S. Bureau of Mines, 1978a
4	Cone Mt	56°32'N, 131°45'W location approx.	C	Lode	RA,U(?)	--	U.S. Bureau of Mines, 1978a
5, 6, 7	Deleted						
8a-b	Paper Claims(?)	56°15'N,131°49'W; 56°14'N,131°43'W location approx.	C	Lode	Cu,Fe	Total of ninety-two lode claims	U.S. Bureau of Mines, 1978a
9	--	56°12'N, 131°47'W location approx.	C	--	--	--	U.S. Bureau of Mines, 1978a
10	--	56°18'N, 131°36'W location approx.	C	Lode	Ag,Au,Cu	Ten lode claims	U.S. Bureau of Mines, 1978a
11	Deleted						
12	Zimovia	56°12'N, 131°34'W location approx.	C	Lode	RA	Staked in 1956, last work 1957	U.S. Bureau of Mines, 1978a
13	K.A.B.	56°14'N, 131°30'W location approx.	C	Lode	Fe	Staked in 1962, 57 claims	U.S. Bureau of Mines, 1978a
14	Waco	56°18'N, 131°29'W	C	Lode	Ag,Au,Cu	Staked in 1969, ten claims	U. S. Bureau of Mines, 1978a
15	--	56°15'N, 131°25'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978a
16-18	North Bradfield River	56°23'- 56°24'N, 131°23'-131°25'W	P	Stratiform	Cu,Fe	Magnetite deposits at NW end of a large roof pendant in qz monzonite of Coast Range batholith. 11 ore bodies exposed, are crudely stratiform, apparently discontinuous and range from 50-350 ft. long and 2-40 ft. thick. Bodies are composed of mag, with minor po and cp. Most bodies probably contain 50%-65% Fe, and 0.1%-0.5% Cu. Very little surface alteration. Discovered in 1955, only exploration has been some stripping, and 186 ft. of diamond drill holes	MacKevett and Blake, 1963; Cobb, 1972a; 1978a, p. 62

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
19	Craig #1-60	56°28'N, 131°15'W location approx.	C	Lode	--	Staked in 1977	U.S. Bureau of Mines, 1978a
20	Unuk River	56°20'N, 130°46'W location approx.	O	Vein	Cu	2 ft vein contains py, po and cp. No other information; located in the Unuk River about a mile below the International Boundary	Wedow and others, 1952, p. 57; Cobb, 1978a,p. 83
21	--	56°20'N, 130°46'W location approx.	C	--	Au	--	U.S. Bureau of Mines, 1978a
22	Boundary	56°19'N, 130°45'W location approx.	C	Lode	Ag,Au	Ten lode claims	U.S. Bureau of Mines, 1978a
23	--	56°08'N, 130°43'W location approx.	O	--	REE	Accessory sph, all, and opaque minerals in slightly porphyritic bt-qz monzonite with weak schlieric structure and vague compositional banding	Smith and others, 1977; Cobb, 1978a, p. 89
24	--	56°11'N, 130°36'W	O	Vein	Ag	Qz-ep veinlets in hornblende gneiss contain as much as 2.0 ppm Ag. Spectrographic analyses indicate small amounts of Cu, Pb, Zn, Mo, and W	Berg and others, 1977, p. 140; Cobb, 1978a, p. 90
25	Leduc River	56°06'N, 130°35'W	O	--	REE	Accessory all, sph, and opaque minerals in leucocratic porphyritic bt granodiorite; possibly recrystallized mylonite	Smith and others, 1977; Cobb, 1978a, p. 55
26	Joker	56°12'N, 130°28'W	P(?)	Vein	Mo(?)	Qz-calc fissure veinlets in schist in Hazelton Group(?) carry py and mo(?); 20 claims staked in 1954 as a Mo prospect. Intense iron oxide alteration near aplitic dikes cutting schist	Berg and others, 1977, p. 42, 73, 123; Cobb, 1978a, p. 47
27	--	56°07'N, 130°30'W	O	--	REE	Accessory minerals in foliated hnbd granodiorite include sph and all	Smith and others, 1977; Cobb, 1978a, p. 88
28	Chickamin River Canyon	56°02'N, 130°31'W	O	--	REE	Sph and all are prominent accessory minerals in medium-grained leucocratic, massive, bt-qz monzonite	Smith and others, 1977; Cobb, 1978a, p. 18
29	Banded Mountain	56°02'N, 130°27'W	P	--	Ag(?),Au(?). Pb(?)	Country rock largely graywacke cut by altered gabbro dikes. Report of finding rich ore in 1929; development during next few years. No data on ore deposits; but assumed to be potentially valuable for Au and perhaps Ag and Pb. See also Edelweiss, Glacier	Smith, 1932, p. 17; 1933a, p. 15; 1933b, p. 17; 1934a, p. 16; 1934b, p. 16; Berg and Cobb, 1967, p. 182; Cobb, 1972a; 1978a, p. 6
29	Glacier	56°02'N, 130°27'W	P	Vein	Ag,Au,Cu, Mo(?), Pb	Qz fissure veins up to a foot wide occupy cross fissures in graywacke with some andesite tuff and breccia; cut by lamprophyre dikes. Veins contain py, small amounts of po, and cp and rarely gn. Assays showed 0.04 oz. Au and 6 oz. Ag per ton and 3% Cu. Developed by an 8 ft tunnel and some surface stripping. Could not be found during recent investigations; qz float found nearby contains py, cp, and mo, may have come from Glacier or similar veins	Buddington, 1929, p. 120-121; Berg and Cobb, 1967, p. 182; Berg and others, 1977, p. 40-41, 114-116; Cobb, 1972a; 1978a, p. 33

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
30, 31	--	56°02'N, 130°24'W	P	Vein	Ag,Au,Cu,Pb	Qz pod in Fe-stained metagraywacke contains po and traces of cp; sample across thickest part of pod containing most abundant sulfides assayed 1200 ppm Cu and 1.5 ppm Ag	Berg and others, 1977, p. 133; U.S. Bureau of Mines, 1978a, Cobb, 1978a, p. 87
32	Goat	56°01'N, 130°25'W	P	Vein	Ag,Au,Cu	Qz-calc veins as much as 15 cm thick in hornfelsed graywacke contain abundant po, traces of cp, and very minor amounts of Au and Ag. One of 3 groups of claims in Banded Mountain area that were active in 1973	Berg and others, 1977, p. 40-41, 72-73, 114-115; Cobb, 1978a, p. 34
33	Cub	56°01'N, 130°25'W	P	Vein	Cu	Sulfide-bearing qz-calc veins as much as 15 cm thick in banded hornfels and argillite. Contains po and cp. One of 3 groups of claims in Banded Mtn. area that were active in 1973	Berg and others, 1977, p. 40-41, 72-73; Cobb, 1978a, p. 22
34	Marmot	56°01'N, 130°21'-130°22'W	P	Vein	Ag,Au,Cu, Mo,Pb,Zn	Sulfide-bearing qz veins as much as 45 cm thick and massive sulfide stringers as much as 15 cm thick; country rock is hornfels, phyllite, and schist of Hazelton Group(?), intruded by 2 generations of dikes. Samples of veins and a breccia zone contained py, mo, gn, sl, and cp, some in trace amounts only; as much as 5.8 oz Ag per ton, and a trace of Au. Claims active in 1973, 51 claims staked in 1969 cover all or parts of Old Jumbo (Banded Mtn) Edelweiss and Galena prospects	Berg and others, 1977, p. 40-41, 60, 70, 72-73, 100-114; Cobb, 1978a, p. 58
35	Galena	56°02'N, 130°20'W	P	Vein	Ag,Cu,Pb,Mo, Zn	Qz stringers in several fracture systems in hornfels of Hazelton Group(?) contain py, gn, mo, sl, and cp. Composite samples ran 8.7 oz per ton Ag, 0.05% Mo, 0.65% Pb, 0.20% Zn, and 0.03% Cu. Originally staked in 1969, now part of Marmot group (see 34)	Berg and others, 1977, p. 40-41, 112-114; Cobb, 1978a, p. 32
36	Jumbo (Banded Mtn)	56°01'N, 130°21'W	P	Vein	Mo,Pb	Qz fissure veins 15-60 cm thick in graywacke of Hazelton Group(?), contain py, gn and mo. First staked in 1925; ground now included in Marmot group (see 34). Has had recent work	Buddington, 1929, p. 101; Byers and Sainsbury, 1956, p. 140; Berg and others, 1977, p. 40-41, 101; Cobb, 1978a, p. 48
37	Edelweiss	56°02'N, 130°21'W	P	Vein	Ag,Au,Pb	Qz fissure vein in rocks of Hazelton Group (?), contains gn and py. Picked sample assayed 1.55 oz per ton Au and 10.2 oz per ton Ag. Explored by opencut, no record of production. See also Marmot	Buddington, 1929, p. 101; Berg and others, 1977, p. 40-41; Cobb, 1972a; 1978a, p. 26
38	Heckla	56°01'N, 130°20'W	O(?)	Vein	Ag,Au,Cu, Mo, Pb,Zn	Qz fissure veins in hornfelsed graywacke of Hazelton Group(?). Veins are 18-116 cm thick and contain py, gn, sl, po, mo, cp, dig, cv, and ml. A ton of ore was sledged out over glacier in 1925. Picked sample contained 0.08 oz Au and 53.4 oz Ag per ton and 21.6% Pb, 32.1% Zn, and 4.1% Cu. Includes reference (Moffit, 1927) to Hummel, Blasher and Moss. See also Greenpoint	Moffit, 1927, p. 30; Buddington, 1929, p. 101-102; Berg and Cobb, 1967; Cobb, 1972a; 1978a, p. 37

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
38	Greenpoint	56°01'N, 130°19'W	P	Vein	Ag,Cu,Mo,Pb	Qz-calc veinlets, 1-15 cm thick in a fracture zone in hornfels contain py and small amounts of gn, and mo, and traces of cp; as much as 30 ppm Ag in samples of veinlets. Explored by small pit and opencut. See also Heckla	Bain, 1946, p. 42; Berg and others, 1977, p. 40-41, 93-96; Cobb, 1972a; 1978a, p. 36
39	Cathedral	56°05'N, 130°17'W	P	Vein	Ag,Au,Cu,Pb, Zn	Qz veins as much as 1-2 m thick in graywacke of Hazelton Group(?) contain bands of sulfides, mainly sl and gn with smaller amounts of py, po, and cp. Sample of sulfide zone 6 cm wide from smaller vein contained 20.4 oz Ag per ton. Another vein carried a trace of Au. Very little development and no record of production	Berg and others, 1977, p. 38-39, 90-91; Cobb, 1978a, p. 15
40	--	56°03'N, 130°17'W	P(?)	Vein	Au,Cu,Pb	Qz-albite vein and intersecting zone of qz stringers in metamorphic rocks contain py and very small amounts of gn and cp; chip sample contained 70 ppm Cu, 80 ppm Pb, 30 ppm Zn, and 0.05 ppm Au. May be on same ground as old Sunset or Blasher prospects	Berg and others, 1977, p. 133-134; Cobb, 1978a, p. 86
41	--	56°02'N, 130°18'W location approx.	C	Lode	Ag,Pb	--	U.S. Bureau of Mines, 1978a
42	Chickamin	56°04'N, 130°16'W	P	Vein	Cu,Pb,Zn	Fissure zone in grawacke contains qz stringers carrying gn, cp, sl, py and a little po and td. Very little work has been done; veins are exposed for only very short distance	Buddington, 1929, p. 100; Cobb, 1972a; 1978a, p. 17
42	Double Anchor	56°04'N, 130°15'W	P	Vein	Ag,Au,Cu,Pb, Zn	Qz-breccia zones in graywacke and argillite contain qz, py, gn, sl, cp; sparse po; average of 3.5 oz Ag per ton and 0.022 oz Au per ton. Exploration was by a few short adits and pits. No record of production	Buddington, 1929, p. 98-99; Berg and others, 1977, p. 38-39; Cobb, 1972a; 1978a, p. 25
42	Dugas (Stampede)	56°04'N, 130°16'W	P	Vein	Ag,Au,Cu,Pb, Zn	Qz fissure veins in shattered zone. Mineralized qz stringers in shear zones, sulfide stringers, and fractures in an aplite dike carry sparse gn, sl, and cp; small amounts of Ag and a trace of Au in one sample. Country rock is graywacke and slate. Very little development. (Details of descriptions in references do not agree in various parts.)	Buddington, 1929, p. 99; Berg and others, 1977, p. 38-39, 79-80; Cobb, 1972a; 1978a, p. 75
42	Marietta	56°06'N, 130°16'W	M	Vein(?)	Au,Ag,Cu,Pb	300-400 oz of Au and electrum was produced in late 1930's and early 1940's. Samples of nearby outcrops and of float contained small amounts of gn, po, and cp. Mining consisted of tunneling under glacier. See also Silver King; may be the same ground	Smith, 1933b, p. 17; Berg and others, 1977, p. 37-39, 76-78; Cobb, 1972a; 1978a, p. 57
42	Silver King	56°04'N, 130°16'W	P(?)	Vein	Ag,Au, ba,Cu, Pb,Zn	Qz fissure vein 6-30 in. wide has 2-8 in. of solid sulfides, including sl, gn, py, cp, td, a little aspy; ba also present. Country rock is graywacke and argillite cut by qz diorite dike. Sample of gn ore reported to have assayed 1.28 oz Au per ton, 5.96 oz Ag per ton, 55.2% Pb, and 2.2% Cu. See also Marietta; may be the same	Buddington, 1929, p. 99-100; Berg and others, 1977, p. 38-39, 99-100; Cobb, 1972a; 1978a, p. 73

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
43	Lakeside	56°03'N, 130°16'W	P	Vein	Ag,Pb	Qz veins 30 cm thick in granodiorite contain py and gn. Massive qz that may be boulder material in overburden over granodiorite contains 280 ppm Cu, 4000 ppm Pb, 120 ppm Zn, and 15 ppm (0.4 oz per ton) Ag. Little exploration. Probably a relocation of Morning, now covered by Lone Star group	Berg and others, 1977, p. 38-39, 72, 84-87; Cobb, 1978a, p. 53
44	Hummel Canyon	56°03'N, 130°17'W	P	Massive(?)	Ag(?)	Pyritic silicified zone in banded hornfels of Hazelton Group(?) contains negligible amounts of Cu, Pb, Zn, Mo, and Ag; no Au. Explored by a 3.4 m adit	Berg and others, 1977, p. 40-41, 86-87; Cobb, 1978a, p. 41
45	Blasher	56°03'N, 130°16'W	P	Vein; disseminated	Ag,Au,Cu,Mo, Pb,Zn	Qz vein 21-61 cm thick in siliceous hornfels, and in quartz monzonite cupola of Texas Creek Granodiorite contains cp, gn, sl, po, py and some disseminated mo . Recent work comprises short drift and pits and 4 diamond drill holes. First staked, 1923; restaked as part of Lone Star, 1970. No recorded production. See also Morning	Buddington, 1929, p. 100; Berg and others, 1977, p. 38-39, 85-89; Cobb, 1972a; 1978a, p. 10
45	Lake	56°03'N, 130°17'W	P	Vein	Cu,Pb	Qz fissure vein about 11 in. thick in granodiorite near contact with older sedimentary rocks, contains abundant gn and some py along footwall; trace of cp identified with microscope	Buddington, 1925, p. 74; 1929, p. 101; Berg and others, 1977, p. 38-39; Cobb, 1972a; 1978a, p. 52
45	Morning	56°04'N, 130°16'W	P	Vein	Pb	Qz vein in granodiorite is 2-4 ft. thick and contains much py and sparse pockets of gn. See also Lakeside	Buddington, 1929, p. 101; Cobb, 1972a; 1978a, p. 42
46	Hyder Lead (Mines, Inc.)	56°03'N, 130°15'W	P	Vein	Ag,Au,ba,Cu, Mo,Pb,Zn	Qz fissure veins in quartz diorite of the Texas Creek batholith and in overlying graywacke and tuff. Veins contain some or all of the following sulfides: gn, py, cp, sl, po, and td; mo occurs in one vein. Gangue minerals include qz, ba, calc, and chl as well as rock fragments. Assays of samples showed 3.6-16.9 oz Ag and trace to 0.18 oz. Au per ton. Veins in qz diorite are generally leaner in metallic minerals than those in roof rocks. Exploration has been by many surface cuts and strippings. No record of production. Includes references to: Comstock, Fortuna, Hyder Lead Mining Co., Jackson & Hummel, Texas (Creek) Comstock	Buddington, 1925, p. 91-93; 1929, p. 102-108; Cobb, 1972a; 1978a, p. 42
47	Swennings Greenpoint	56°01'N, 130°16'W	O	Vein	Ag,Mo,Pb	Qz veins in hornfels, 15 m from contact between rocks of Hazelton Group(?) and Hyder Qz Monzonite contain gn and mo; as much as 100 ppm Ag	Berg and others, 1977, p. 40-41, 92-93; Cobb, 1978a, p. 80
48	Keno	56°02'N, 130°14'W	P	Vein; disseminated	Ag,Au,Cu,Pb, Zn	Qz fissure veins in granodiorite. Ore shoots of solid sulfide as much as 7 in. thick consist of gn, py, cp, sl, and td. Qz also carries disseminated py and locally some ba. Specimen contained 0.6 oz per ton Au and 3 oz per ton Ag. Very little work done on prospect	Buddington, 1925, p. 94; 1929, p. 108; Cobb, 1972a; 1978a, p. 51
49	Juneau	56°01'N, 130°13'W	P(?)	Vein	Cu,Pb	Qz vein 3-6 ft wide in granodiorite locally has small shoots of cp; another vein carries gn and py. Little, if any development	Buddington, 1929, p. 108-109; Cobb, 1972a; 1978a, p. 50

MAP NO.	NAME(S) (if known)	MAP CODRDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
49	Sunset	56°01'N, 130°13'W	P	Vein; disseminated	Pb	Two mineralized qz veins in granodiorite near an isolated roof pendant of argillite and graywacke. One vein is 1-3 ft. thick and contains local ore shoots with gn and py. Other vein is 3 ft. wide; contains 0.3 ft. x 12 ft. lens of py, gn, and ba, and disseminated py. Explored by minor surface stripping	Buddington, 1929, p. 109; Cobb, 1972a; 1978a, p. 78
5D	Bevaque	56°03'N, 130°13'W	O	Vein	Ag,Au,Pb	Ore shoots in vein reported to be as much as 3.5 ft. thick said to yield good assays in Au, Ag, and Pb. See also North Star	Buddington, 1926, p. 53; Cobb, 1972a; 1978a, p. 9
50	Engineer	56°03'N, 130°13'W	P	Vein	Ag,Au,Cu, Pb,W	Qz vein 2-4 ft. thick in granodiorite migmatite, near contact with argillite and graywacke, contains shoots of cp, py, and gn. Assays of material from shoots showed 0.04-0.64 oz Au per ton, 7.6-26 oz Ag per ton, and 11.3%-55.3% Pb; rare grains of sc. Explored by 30 ft. adit and several opencuts.	Buddington, 1929, p. 109-110; Byers and Sainsbury, 1956, p. 127; Cobb, 1972a; 1978a, p. 27
50	Jumbo (Texas Cr.)	56°03'N, 130°13'W	O	Vein; disseminated	Cu,Pb,Zn	Graywacke roof pendant in granodiorite contains a brecciated vein along a shear zone 1 to 3.5 ft. wide. Vein consists of qz stringers 1 in. to 2 ft. wide that carry gn, py, and cp; some of country rock impregnated with py and cp; intersecting fissure zone carries qz, gn, py, cp, and sl	Buddington, 1929, p. 111; Cobb, 1972a; 1978a, p. 49
50	North Star	56°03'N, 130°13'W	P(?)	Vein	Pb	Qz fissure vein in graywacke near contact with granodiorite. Vein is 1-2.5 ft. wide, exposed for 50 ft., and contains local shoots of gn and a little associated py. See also Monarch where there is another North Star claim	Buddington, 1929, p. 110; Cobb, 1972a; 1978a, p. 63
51	Hummel	56°04'N, 130°13'W	P	Vein	Ag,Au,Cu,Pb, Zn	Shear zone in argillite and slate contains stringers of sulfides and qz; zone is at least 2 ft. wide; sulfides include gn, py, cp, and a little td. Sample of sl contained a little Au and 22.78 oz. Ag per ton. No data on precious metal content of deposit as a whole. Very little exploratory work has been done	Buddington, 1929, p. 48, 98; Cobb, 1972a; 1978a, p. 40
52	Iron Cap	56°04'N, 130°12'W	P	Vein	Ag,Au,Cu,Zn	Fissure vein deposit in slate and graywacke about 100 ft. above contact with granodiorite. 11-ft.-wide zone contains stringers and veins of sulfides; main vein is 2 ft. wide, is qz and calc, and contains shoots of po and cp and pockets of sl; a little aspy. Sample assayed 0.04 oz Au per ton, 6.28 oz Ag per ton, and 2% Cu. Little exploration	Buddington, 1925, p. 95; 1929, p. 98; Cobb, 1972a; 1978a, p. 46
52	Silver Bell	56°04'N, 130°12'W	O	Vein	Cu,Pb,Zn	Qz fissure vein in brecciated zone in argillite and graywacke is about 2 ft thick and carries sparse disseminated py and cp, with a little gn and sl; part of vein is a solid shoot of gn with a little td. No data on Ag content	Buddington, 1929, p. 44; Cobb, 1972a; 1978a, p. 71

MAP NO.	NAME(S) (if known)	MAP CDORDINATES LOCATIDN	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
52	Silver Star	56°04'N, 130°12'W	P	Vein	Au,Pb,Zn	Qz veins and veinlets in granodiorite and argillite. Two veins in granodiorite contain mainly gn and py; vein in argillite consists of qz stringers locally containing gn, sl, py, and smaller amounts of po, aspy, and fb. Picked sample said to have yielded an ounce of Au per ton. Two veins explored by 30 ft adit	Buddington, 1925, p. 89-90; 1929, p. 97; Cobb, 1972a; 197Ba, p. 74
52	Texas Discovery	56°04'N, 130°12'W	0	Vein	Ag,Au,Cu,Pb	Qz fissure vein in granodiorite is 1-14 in. thick and contains py, gn, po, and sparse cp. Assay of picked sample said to have shown 30% Pb, about 1.06 oz Au per ton, and $6 in Ag per ton. A nearby qz stringer 4 in. thick contains gn and cp	Buddington, 1925, p. 74; 1929, p. 9B; Cobb, 1972a; 1978a, p. 81
53	Evening Star	56°05'N, 130°10'W	P	Vein	Pb	Stringer of gn in granodiorite. 10-ft adit. Includes references to Morning Star	Buddington, 1925, p. 90; 1929, p. 94; Cobb, 1972a; 1978a, p. 28
53	Homestake	56°05'N, 130°10'W	M	Vein	Ag,Au,Cu,Pb, Zn	Qz fissure vein in granodiorite is 4-5 ft thick and contains considerable steely gn, some cp and py and traces of sl. Gn is argentiferous. Test shipment of 9.5 tons of sorted ore contained 50% Pb, 0.7% Zn, 22.B7 oz Ag per ton, and 0.29 oz Au per ton. Little if any activity since about 1925	Buddington, 1925, p. 8B-89; 1929, p. 94; Cobb, 1972a; 1978a, p. 39
53	Ibex	56°05'N, 130°10'W	P	Vein	Ag,Cu,Pb,Zn	Qz fissure vein in granodiorite and older argillite and quartzite within 200 ft of contact between Texas Creek batholith and older rocks. Deposits contain mainly interlayered sl and gn; py, cp, and td are also present; vein generally 15 in. to 2 ft thick. Assays of picked samples said to have high content of Aq, Cu and Pb. Crosscut driven 131 ft to undercut an ore body at depth, ore body not found. Work was abandoned in about 1925	Buddington, 1925, p. 88-89; 1926, p. 53-54; Buddington and Chapin, 1929, p. 317, 324; Cobb, 1972a; 1978a, p. 44
53	Silver Coin	56°05'N, 130°10'W	0	Vein	Cu,Pb	Qz vein in granodiorite is about 50 ft long, 25 ft of vein is heavily mineralized; ore shoot in northern part of vein is from a few inches to 5 ft wide, follows a shear zone, and contains gn, with a little py and cp	Buddington, 1925, p. 90; 1929, p. 95; Cobb, 1972a; 1978a, p. 72
54	Liberty	56°03'N, 130°10'W	P(?)	Vein	Pb,W	Qz vein, as much as 2 ft thick in granodiorite contains local shoots of gn and rare sc grains. Exposed in creek bed, no exploration work. See also Stoner-Clegg-O'Rourke, where there is a Liberty claim	Buddington, 1929, p. 93-94; Byers and Sainsbury, 1956, p. 140; Cobb, 1972a; 1978a, p. 56
54	Nothiger	56°03'N, 130°10'W	P	Vein	Pb	Extensive shear zone in granodiorite contains a qz vein and many small stringers; main vein 2.5 to 6 ft. thick. Only a trace of gn and py in qz. Explored by a crosscut driven through main vein	Buddington, 1929, p. 94; Cobb, 1972a; 1978a, p. 64
55	Silver Bar	56°04'N, 130°08'W	D	Vein	Cu,Pb	Qz fissure vein as much as 3 ft thick in granodiorite consists of mostly barren qz with local pockets and bands sparsely to moderately mineralized with cp and a little gn, py, and ba. Includes reference to McVey	Buddington, 1925, p. B8; 1929, p. 93; Cobb, 1972a; 1978a, p. 70

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
56	Bartholf	56°05'N, 130°04'W	P(?)	Vein	Cu,Pb	Qz vein as much as a foot (average thickness 6 in.) thick contains disseminated cp and local shoots of py, and gn. Country rock is Texas Creek Granodiorite; most of property on Canadian side of boundary	Buddington, 1929, p. 92-93; Cobb, 1972a; 1978a, p. 7
56	Cantu (Mining Co.)	56°05'N, 130°04'W	M	Vein	Ag,Au, ba, Cu,Pb,Zn	Country rock is granodiorite cut by qz porphyry dikes, near contact with greenstone and sedimentary rocks. Qz veins (ranging from a few inches to 3 ft. thick) and small veinlets contain gn, sl, td, and generally sparse py and cp; considerable ba in gangue. 20-ton test shipment of carefully selected ore to smelter in 1925 contained 0.175-0.30 oz. Au per ton, 13.80-31.05 oz. Ag per ton, 37.2%-44.1% Pb, and 5.6%-12.2% Zn. No record of any other production	Moffit, 1927, p. 30; Buddington, 1929, p. 91-92; Buddington and Chapin, 1929, p. 324; Cobb, 1972a; 1978a, p. 14
57	Charles, Nelson & Pitcher	56°03'N, 130°04'W	O	Disseminated	Ag,Au,Cu,Pb, Zn	Sl, gn, py, and cp disseminated in sheared silicified porphyry. Assays reported to show small quantities of Au and Ag	Westgate, 1922, p. 129; Cobb, 1972a; 1978a, p. 16
57	Ninety-six	56°03'N, 130°04'W	P	Vein	Cu,Pb,Zn	Breccia vein in granodiorite dike in interbedded slate and quartzite is about 5 ft. thick, carries gn, and lesser amounts of sl, td, py, and cp. Developed by a 63 ft. adit and opencuts. No record of production. Includes reference to Snyder	Buddington, 1925, p. 87; 1929, p. 93; Cobb, 1972a; 1978a, p. 61
58	Border	56°03'N, 130°03'W	P	Vein	Cu,Pb,Zn	Gash veins in mineralized fissure zone in slate and graywacke between 3 granodiorite porphyry dikes contain qz and shoots as much as 6 in. thick of gn, sl, py, and a little cp. Adit has been driven 70 ft.	Buddington, 1929, p. 90; Cobb, 1972a; 1978a, p. 12
58	Gold Cliff Premier	56°03'N, 130°03'W	O	Vein	Ag,Au,Cu, Pb,Zn	Shear zone in tuffaceous rock mineralized with py, qz, and calc; carries as much as 1 oz. Au per ton and 3-4 oz. Ag per ton. Two narrow stringers elsewhere on the property carry gn, sl, cp, td, and po. Country rock is quartzite, tuff, and slate cut by porphyry dikes of 2 ages	Buddington, 1929, p. 90; Cobb, 1972a; 1978a, p. 35
59	Bluebird	56°01'N, 130°04'W	O	Vein	Cu,Pb,Mo,W	Qz vein 4 in. thick in granodiorite contains sparsely disseminated py, cp, gn, and sc; mo along walls. Sample contained an estimated 0.5% WO_3	Byers and Sainsbury, 1956, p. 139-140; Cobb, 1972a; 1978a, p. 11
59	Brigadier	56°01'N, 130°04'W	P	Vein	Ag,Au,Pb,W	Qz veins 10 in. to 3 ft. thick in granodiorite contain Au, Ag, gn, py, and rare grains of sc. Assays of two samples indicated 11.4%-14.1% Pb, 0.24-0.6 oz. Au per ton, and 10.2-20.6 oz. Ag per ton. Explored by opencuts and a 25 ft. shaft in late 1920's. Includes reference to Butte group of claims	Buddington, 1929, p. 81; Byers and Sainsbury, 1956, p. 140; Cobb, 1972a; 1978a, p. 13
59	Crest	56°01'N, 130°04'W	P	Vein; dissemninated	Au,Cu,Pb	Qz veins and stringers in fissure zone in granodiorite carry gn, py, a little cp, and free Au. Wallrock impregnated with py in places; fracture surfaces coated with py and gn. Some small qz stringers carry as much as 5 oz. free Au per ton; most are considerably leaner. Explored by opencuts and stripping	Buddington, 1929, p. 81-82; Cobb, 1972a; 1978a, p. 20

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
59	Cripple Creek	56°01'N, 130°04'W	P	Vein; disseminated	Cu,Pb,Zn	Large qz vein in sheeted zone in granodiorite, breccia with qz veinlets in py-impregnated granodiorite, and several fissure zones in granodiorite contain py, gn, sl, cp, and td. Deposit in sheeted zone explored by a 45 ft. adit and a short crosscut. No data on probable content of Au and Ag	Buddington, 1929, p. 83-84; Cobb, 1972a; 1978a, p. 21
60	Alaska-Premier	56°02'N, 130°03'W	P	Vein	Ag,Au,Cu,Pb, W,Zn	Felsite sheets (either qz porphyry sills or facies of greenstone) in greenstone, slate, and graywacke contain qz veins in shattered zones. Veins carry py, sl, gn, po, cp, td, aspy, Au, and sc. As much as 35 oz. per ton Au in some selected samples; some fractured felsite sheets contain about D.097-D.145 oz. Au per ton and about 1 oz. Ag per ton. Some exploration in late 1920's	Buddington, 1925, p. 74; 1929, p. 85-86; Cobb, 1972a; 1978a, p. 5
60	Bertha	56°02'N, 130°03'W	P	Disseminated	Cu,Pb,Zn	Disseminated py, cp, gn, and sl in a lode at least 15 ft. wide in silicified schistose tuff. Claim developed in 1915	Chapin, 1916, p. 97; Mertie, 1921b, p. 142; Cobb, 1972a; 1978a, p. 8
60	Daly-Alaska	56°02'N, 130°03'W	M(?)	Disseminated; vein	Ag,Au,Cu,Pb, Zn	Disseminated replacement deposits in shear zones in silicified and pyritized greenstone and in a porphyry dike related to Texas Creek batholith. Qz-calc and sulfide veins contain py, po, sl, gn, td, cp, and aspy. Considerable Ag and some Au; picked samples contained as much as 500 oz. Ag per ton probably in blobs of td in sl. A little native Ag was found in one of the workings. Developed by several hundred feet of underground workings and many opencuts. Work was between 1915-1925; a little ore may have been mined. Includes references to: Elevenmile, New Alaska (Mining Co.). See also Bertha, Iron, Western	Westgate, 1922, p. 128, 131-133; Buddington, 1925, p. 83-84; 1929, p. 86-88; Moffit, 1927, p. 30; Cobb, 1972a; 1978a, p. 23-24
60	Hobo	56°02'N, 130°03'W	P	Vein	Ag,Au,Cu,Pb, Zn	Vein or veinlike replacement deposits of sulfides, mainly py, po, and sl with lesser amounts of cp, gn and aspy; some Au and Ag present, amounts small and variable. Sulfides from one vein carry from 0.2 to 0.58 oz. Au per ton. Nearby qz veins in fissured zone in greenstone carry py, gn, and sl. Explored by opencuts	Buddington, 1929, p. 84-85; Cobb, 1972a; 1978a, p. 38
60	Iron	56°02'N, 130°03'W	M	Vein	Ag,Cu,Pb,Zn	Shoots of sulfides (cp, sl, and gn) are rich in Ag. One ton of ore mined in 1915. See also Daly-West of which Iron prospect may have become a part	Chapin, 1916, p. 97; Cobb, 1972a; 1978a, p. 45
60	Portland	56°02'N, 130°03'W	P(?)	Vein	Cu,Pb,Zn	Qz vein about 3 ft. wide, in slate, contains sparse disseminations and small blebs of py, gn, sl, and cp. Vein traced 500 yards by pits and surface exposures	Buddington, 1929, p. 84; Cobb, 1972a; 1978a, p. 65
60	Swede	56°02'N, 130°03'W	P(?)	Disseminated, vein(?)	Ag(?),Au(?), Cu,Pb,Zn	Replacement and disseminated deposit in greenstone contains py, gn, sl, cp, and po. Property is reported to be similar to Daly-Alaska. May be the same as Hobo or Portland	Buddington, 1925, p. 74; Cobb, 1972a; 1978a, p. 79

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
60	Titan	56°02'N, 130°03'W	P	Vein; disseminated?	Ag,Au,Cu,Pb, Zn	Country rock is greenstone and slate intruded by porphyry dikes. Principal deposit is in a shear zone in an altered pyritiferous porphyry dike with much included country rock. Qz veins as much as 2 ft. thick contain disseminated sl and lesser amounts of gn, py, and cp; picked samples from outcrop said to carry considerable Au and Ag. Elsewhere, a qz vein (in greenstone?) carries a little gn, sl, py, and cp; very little work done there. Shear zone in greenstone carries aspy and a little gn. Explored by about 500 ft. of adit and crosscuts. Prospect staked in 1917; last reported work in 1928. No record of production	Buddington, 1925, p. 74; 1929, p. 72-74; Cobb, 1972a; 1978a, p. 82
60	Western	56°02'N, 130°03'W	P(?)	Disseminated	Cu,Pb,Zn	Disseminated py, cp, gn, and sl in a lode at least 15 ft. wide in silicified schistose tuff. See also Daly-Alaska, of which Western may have become a part	Chapin, 1916, p. 97; Cobb, 1972a; 1978a, p. 85
61	Stoner (Gold and Silver Mining Co.)	56°02'N, 130°02'W	P	Vein; disseminated	Ag,Au,Pb,Zn	Three types of mineral deposits on property: (1) qz-calc veins and disseminated deposits in greenstone; (2) sparsely mineralized qz fissure veins in or near contacts between slate and granitic dikes; and (3) seams, disseminations, and sulfide-coated fracture facings in qz porphyry dikes. Sulfides include py, sl, gn, td, and po; up to about 0.5 oz Au and 20.5 oz Ag per ton reported. Most work has been on first type of deposit; explored by a shaft 15 ft. deep and open cuts	Westgate, 1922, p. 131-132; Buddington, 1925, p. 74, 83; 1929, p. 43, 89-90; Cobb, 1972a; 1978a, p. 76
61	Stoner-Clegg-O'Rourke	56°02'N, 130°02'W	P	Vein; disseminated	Cu,Pb,Zn	Calc veinlets carrying sl, py and gn and smaller amounts of po, cp, and td in greenstone country rock. Some of greenstone contains disseminated py and po. Open cuts and 75 ft tunnel	Buddington, 1929, p. 88; Cobb, 1972a; 1978a, p.77
61	Virginia	56°02'N, 130°02'W	P	Vein; massive?; disseminated	Au,Cu,Pb,Zn	Lenticular body of nearly solid sulfides in shear zone several ft wide in greenstone contains po, sl, py, and a little gn and td in qz gangue. Selected samples have yielded as much as 4.5 oz, Au per ton. Developed by a little more than 300 ft of crosscut and drifts. Elsewhere on property mineralized greenstone contains small amounts of gn, py, sl, cp and po	Buddington, 1925, p. 74; 1929, p. 88-89; Cobb, 1972a; 1978a, p. 84
62	Riverside (Mining & Milling Co.)	56°00'N, 130°04'W	M	Vein	Ag,Au,Cu,Pb, W,Zn	Two main qz veins in Texas Creek Granodiorite and one deposit (Lindeborg) either in shear zone in schist inclusion in granodiorite (Buddington, 1929) or zone of mylonite gneiss and ultramylonite derived from granodiorite (Smith, 1977). Lindeborg lode is partly a qz fissure vein and partly a replacement deposit. Lindeborg deposit contains considerable sc; the others carry only small amounts. Other than sc, the principal metallic minerals are gn, py, td, po, cp, sl, and Au. Principal gangue mineral is qz, accompanied by small amounts of calc, ankerite, and ba. Other veins in mine contain only rare grains of sc. Mine operated discontinuously from 1925 to 1951; consists of more than 6,000 ft of underground workings. Explored by about 4,600 ft of diamond-drill holes mainly during W.W. II. Production was about 30,000 tons of ore that yielded about 3,000 oz Au, 100,000 oz Ag, 100,000 lbs Cu, 250,000 lbs Pb, 20,000 lbs Zn, and 3,500 units (70,000 lbs.) WO_3. Includes references to: Lindeborg, Riverview	Buddington, 1925, p. 74-75, 79-82; 1929, p. 77-81; Smith, 1942a; Thorne and others, 1948, p. 36-44; Byers and Sainsbury, 1956, p. 125-136; Berg and Cobb, 1967, p. 147; Berg and others, 1977, p.37; Smith, 1977, p. 17-18; Cobb, 1972a; 1978a, p. 66-69

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
63	Fish Creek	56°00'N, 130°03'W	M	Massive?; disseminated; vein	Ag,Au,Cu,Pb, Zn	On Summit claim a body of po in pyritiferous greenstone carries minor amounts of py, aspy, cp, and qz, 0.36 oz. Au per ton, and 4 oz. Ag per ton. Shaft sunk 10 ft. in po did not reach base of body. On Olympia Extension qz fissure vein as much as 10. ft thick in granodiorite contains about 5% disseminated sulfides and stringers of solid sulfides in rich ore shoots; sulfides include td, cp, and aspy. About 800 ft. of underground workings; amount of total production is not known. Assays of samples taken across vein contained as much as 1.42 oz. Au per ton, 94.8 oz. Ag per ton, 14.5% Pb, and 2% Cu. See also: Fish Creek (Ketchikan quad.), Last Chance	Westgate, 1922, p. 128, 134-13B; Buddington, 1929, p. 68-71; Byers and Sainsbury, 1956, p. 138; Cobb, 1972a; 1978a, p. 29-30
63	Last Chance	56°00'N, 130°03'W	M	Vein	Ag,Au,Cu,Pb, W,Zn	Qz vein as much as 4 ft thick traced for several hundred ft on surface and 180 ft underground; carries gn, td, cp and sl; sc for 50 ft. in one drift. According to Byers and Sainsbury, (1956, pl. 13) country rock is Texas Creek Granodiorite. Small test shipment of ore in 1935 carried Au and Ag. About 850 ft. of underground workings and many opencuts	Smith, 1937, p. 1B-19; Byers and Sainsbury, 1956, p. 139; Berg and Cobb, 1967, p. 147; Cobb, 1972a; 1978a, p. 54
63	Monarch	56°00'N, 130°03'W	P	Vein	Ag,Au,ba,Cu,Pb, W,Zn	Qz veins in granodiorite contain local shoots of gn, py, td, sl and cp; also sparse sc; one qz veinlet contains an estimated 0.5% to 3.0% WO_3; samples from one vein contained as much as 1.5 oz. Au per ton. A specimen of tetrahedrite contained 266 oz. Ag per ton. Considerable ba locally. Has been practically no development. Vein may be part of Olympia Extension vein that crops out 1,000 ft to southeast	Buddington, 1929, p. 74-75; Bain, 1946, p. 68; Byers and Sainsbury, 1956, p. 139; Cobb, 1972a; 1978a, p. 59
64	Hyder Skookum	56°01'N, 130°02'W	P	Massive?; disseminated; vein?	Cu	Sulfide replacement mass in somewhat schistose greenstone near contact with porphyry dike contains po and a little cp and aspy; some sulfides disseminated in qz in the same zone. Very little work done on prospect	Buddington, 1929, p. 72; Cobb, 1972a; 1978a, p. 43
65	--	56°16'N, 131°36'W	C	Lode	Cu	Cu claims by El Paso Natural Gas in Kapho Mtns.	U.S. Bureau of Mines, 197Ba
	Fitzgerald	SE1/4,SE1/4,SE1/4 quad, location not shown on map	O	--	Ag(?),Pb(?)	Discovery reported 1921. No other data; may be in Ketchikan quad	Brooks, 1923, p. 21; Cobb, 1978a, p. 31

CRAIG QUADRANGLE

(latitude 55° - 56°; longitude 132° - 134.40°)

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
1	Coronation Island	55°55'N, 134°21'W	M	Vein	Pb,Zn	Small, lenticular masses of gn, sl, td, and secondary Fe, Pb and Zn minerals in clay-carbonate gangue in fault zones as much as 4 ft wide in Paleozoic limestone or marble locally cut by diorite. 3 masses mined in early 1900's and more than 100 tons of ore shipped. No visible ore when examined in 1944. Apparently all ore was mined	Wright, 1908, p. 97; Wright and Wright, 1908, p. 190-191; Twenhofel and others, 1949, p. 38-40; Wedow and others, 1953, p. 11; Berg and Cobb, 1967, p. 188-189; Cobb, 1972b; 1978b, p. 47
2	Tokeen	55°59'N, 133°27'W	O	Vein	Pb	Small gn-bearing vein; probably near contact between diorite and calcareous sedimentary rocks	Houston and others, 1958, p. 24; Berg and Cobb, 1967, p. 178; Cobb, 1972b; 1978b, p. 207
3	--	55°56'N, 133°11'W location approx.	C	Lode	Fe	Twenty-one lode claims from 1959 to 1968	U.S. Bureau of Mines, 1978b
4	McCullough	55°59'N, 133°00'W	M(?)	Vein	Cu,Zn	Qz-breccia vein about 10 ft wide that crops out over a distance of 350 ft, contains cp, and smaller amounts of py, sl, and secondary Cu minerals. Country rock is banded argillite and graywacke, also occuring as fragments in vein and seem to have influenced deposition of ore minerals. Developed by 61 ft shaft and opencuts. Four ton test shipment about 1905(?). Sporadic work from about 1905 to as recently as 1930, but no productive mining. Au reported in early reference, but not in more complete descriptions. Samples of vein contained 0.7%-3.3% Cu. Includes references to Lake Bay	Chapin, 1916, p. 88-89; Twenhofel and others, 1949, p. 13-15; Wedow and others, 1953, p. 9, 11; Herbert and Race, 1965, p. 62; Berg and Cobb, 1967, p. 177; Cobb, 1972b; 1978b, p. 131
5	--	55°49'N, 133°19'W location approx.	C	Lode	Au	Seven lode claims on Tuxekan Island	U.S. Bureau of Mines, 1978b
6	Noyes Island	55°32'N, 133°39'W	O	Vein	Cu,Mo,Ni	Qz veins, probably at contact between a pluton and bedded rocks, contain po and cp. Analysis of po showed 0.1%-0.2% Ni, a trace of Co, no Au or Pt metals. Mo occurs in schist on island, no other data on occurrence. Includes reference to Brown and Metz	Wright and Wright, 1908, p. 80, 87; Budding and Chapin, 1929, p. 329; Condon, 1961, p. B35-B36; Berg and Cobb, 1967, p. 178; Cobb, 1972b; 1978b, p. 152
7	Cape Addington	55°27'N, 133°49'W	O	Disseminated?	Cu	Cp in marble; Cu-stained tactite nearby	Clark and others, 1970d, p. 3; Cobb, 1972b; 1978b, p. 30
8	--	55°29'N, 133°38'W	O	Vein	Cu	Qz-cp pod, probably in argillite	Clark and others, 1970c, p. 3; Cobb, 1972b; 1978b, p. 239
9	St. Ignace Island	55°25'N, 133°25'W location approx.	O	Vein	barite	Narrow stringers of barite in fissure vein in sandstone and conglomerate	Buddington, 1925, p. 138; Kaufman, 1958, p. 9; Condon, 1961, p. 837; Cobb, 1978b, p. 180

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10	--	55°23'N, 133°25'W location approx.	C	--	barite	Claim on St. Ignace Island	U.S. Bureau of Mines, 1978b
11	Port San Antonio	55°21'N, 133°35'W	P	Vein	Au(?),Pb, Zn	Stockwork of metalliferous qz veinlets in argillite contains sl, gn, py and reportedly high values in Au. Development consists of open cuts	Wright and Wright, 1908, p. 182; Twenhofel and others, 1946, p. 35; Berg and Cobb, 1967, p. 178; Cobb, 1972b; 1978b, p. 163
12	--	55°2D'N, 133°36'W location approx.	C	Lode	Mo	Lode claims near Mt. Miramar on Baker Island	U.S. Bureau of Mines, 1978b
13	Baker Island	55°19'N, 133°05'W	O	Vein	Au(?),Mo	Intensely brecciated and silicified zones in qz diorite and metasedimentary rocks contain many qz veinlets that carry mo and small amounts of py, aspy, and po; possibly a little Au. Probably less than 0.05% mo	Smith, 1942b, p. 166-167; Twenhofel and others, 1946, p. 31-36; Wedow and others, 1953; Berg and Cobb, 1967, p. 178; Cobb, 1972b; 1978b, p. 12
14	--	55°25'N, 133°15'W	O	Lode	Cu	Minor py and cp in diorite	Clark and others, 1970b, p. 4; Cobb, 1972b; 1978b, p. 237
15	--	55°24'N, 133°18'W	O	Lode	Cu	Py, po, and cp in tactite	Clark and others, 1970b, p. 3; Cobb, 1972b; 1978b, p. 235
15	--	55°24'N, 133°18'W	O	Lode	Cu	Py and cp in diorite	Clark and others, 1970b, p. 3; Cobb, 1972b; 1978b, p. 236
15	--	55°24'N, 133°18'W	O	Veinlet	Zn	Py-sl veinlet, probably in hornfels	Clark and others, 1970b, p. 3; Cobb, 1972b; 1978b, p. 244
16	--	55°17'N, 133°14'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978b
17	--	55°16'N, 133°38'W	O	--	Cu	Py-po and cp in quartzite	Clark and others, 1970c, p. 4; Cobb, 1972b; 1978b, p. 229
17	--	55°16'N, 133°38'W	O	--	Cu	Py and minor cp in phyllite	Clark and others, 1970c, p. 4; Cobb, 1972b; 1978b, p. 230
18	--	55°38'N, 132°53'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978b
19	--	55°37'N, 132°54'W location approx.	C	--	barite,Cu	--	U.S. Bureau of Mines, 1978b
20	--	55°32'N, 132°59'N location approx.	C	Lode	Ag,Au	--	U.S. Bureau of Mines, 1978b
21	Saxe	55°32'N, 132°55'W location approx.	P	Vein, disseminated	Ag,Au,Cu, Pb,Zn	Qz carbonate vein and many stringers in andesite porphyry breccia contain abundant gn, py, and sl, traces of cp, and as much as 0.07 oz Au and 1.96 oz Ag per ton. Country rock between stringers contains disseminated py; fracture surfaces coated with po-bearing qz. Little development and no known production	Buddington, 1926, p. 52-53; Berg and Cobb, 1967, p. 170; Cobb, 1972b; 1978b, p. 189
22	--	55°37'N, 132°48'W location approx.	C	Lode	Cu,Fe	--	U.S. Bureau of Mines, 1978b
23	--	55°35'N, 132°50'W location approx.	C	Lode	Ag,Au	Fourteen lode claims on ridge north of Black Bear Lake	U.S. Bureau of Mines, 1978b
24	Constitution	55°32'N, 132°48'W location approx.	P	Vein	Au,Cu,Pb, Zn	Fissure vein in gabbro and amphibolite contains Au (average tenor about 1 oz per ton), py, cp, gn, and sl. Tunnel driven 130-ft on vein that ranged from 5 in. to 4 ft; surface stripping. No record of production	Brooks, 1902, p. 94; Wright and Wright, 1908, p. 163; Bufvers, 1967, p. 11; Cobb, 1972b; 1978b, p. 35

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25	Dew Drop	55°31'N, 132°49'W	P	Vein	Ag,Au	Fissure vein 6-14 in. thick along a fault in a basic intrusive rock is reported to carry values in Au and Ag. See also Rose	Wright and Wright, 1905, p. 66; 1908, p. 163; Herreid and Rose, 1966, p. 16; Cobb, 1972b; 1978b, p. 58
25	Independent	55°31'N, 132°49'W location approx.	P	Vein	Au,Pb,Zn	2 claims. Lower claim is on a foot-thick qz-calc vein in a shear in andesite porphyry. Vein contains gn, py, and sl. Upper claim is on 1-2 ft wide similar vein. Very high Au assays reported. All work in early 1900's; prospect restaked in 1945; some Au may have been produced	Wright and Wright, 1908, p. 163-164; Bufvers, 1967, p. 11-12; Cobb, 1972b; 1978b, p. 95
25	Rose	55°31'N, 132°49'W location approx.	P	Vein	Ag,Au	Vein 6-14 in. wide along a fault in a basic intrusive rock is reported to carry Au and Ag values. Other veins in area carry gn, py, cp and Au. A little work 1905	Wright and Wright, 1905, p. 66; 1906, p. 42-43; 1908, p. 163; Herreid and Rose, 1966, p. 16; Cobb, 1972b; 1978b, p. 173
25	Summit	55°31'N, 132°49'W location approx.	P	Vein	Ag(?),Au(?)	Qz fissure veins in a porphyry dike carry gn, py, cp, and Au. Prospected in 1904; near Lucky Nell	Wright and Wright, 1905, p. 66; Herreid and Rose, 1966, p. 16; Cobb, 1972b; 1978b, p. 202
26	Lucky Nell (Mining Co.)	55°31'N, 132°49'W	M	Vein	Ag,Au,Cu, Pb,Zn	Qz fissure vein about 4 ft thick in diorite porphyry contains py, cp, gn, sl, and values in Au and Ag. Sulfides comprise more than half the vein in places. Development consisted of almost 1,000 ft of drifting on several levels, a raise, and a winze. Discovered in 1900; a little production in 1905, 1913-14, and probably a few other years; attempts to reopen mine as recently as 1940's. 38 tons of ore shipped in 1905, 1912. Shipment of 30 tons of ore in 1914 netted $33 per ton. Similar veins on property not developed. Includes references to Commander, Flora (& Nellie), Nellie, President, Red Jacket	Brooks, 1902, p. 92-93; Wright and Wright, 1908, p. 162-163; Chapin, 1919, p. 88; Herreid and Rose, 1966, p. 16; Berg and Cobb, 1967, p. 169-170; Bufvers, 1967, p. 12-14; Cobb, 1972b; 1978b, p. 122-123
26	Gervis	55°31'N, 132°49'W(?)	P	Vein?	Au(?)	Reports of auriferous lode prospected in 1911 near Lucky Nell; may be the same as Lucky Nell	Brooks, 1912, p. 26; Herreid and Rose, 1966, p. 16; Cobb, 1972b; 1978b, p. 72
27	Snowdrift	55°29'N, 132°45'W location approx.	P	Vein	Au(?)	Stringer reported (probably qz) 2 ft wide. Explored by a short adit in 1915 or earlier. Au content, if any, is low	Chapin, 1916, p. 81; Herreid and Rose, 1966, p. 11; Bufvers, 1967, p. 11; Cobb, 1978b, p. 193
28	--	55°28'N, 132°46'W location approx.	C	Lode	Au,Cu,Pb	--	U.S. Bureau of Mines, 1978b
29	--	55°28'N, 132°59'W	O	--	Cu	Minor cp in greenstone	Clark and others, 1970a, p. 3; Cobb, 1972b; 1978b, p. 238
30	--	55°28'N, 132°44'W location approx.	C	Lode	Ag,Au,Cu	--	U.S. Bureau of Mines, 1978b
31	--	55°27'N, 132°44'W location approx.	C	Placer	Au	Placer claim on the Harris River	U.S. Bureau of Mines, 1978b

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32	Dawson	55°28'N, 132°42'W	M	Vein; disseminated	Au,Cu,Pb Zn	Qz stringers and veins in black graphitic slate in a zone from 2 to more than 6 ft wide. Most values in free Au concentrated along contacts of qz stringers and country rock; sulfides (scattered in qz and country rock) include py, sl, cp and gn; altered and pyritized dikes parallel and crosscut lode. Mineralized mass constitutes low-grade ore; only higher grade shoots being mined. Discovered in 1900 and operated discontinuously until 1948. Developed to a depth of at least 600 ft. Probably produced several thousand oz each of Au and Ag and some Pb. Includes references to: Alaska-Kasaan Gold Mining Co., Dunton, Dutton, George, Harris Creek, Hendy, Humboldt, Julia, Kasaan Mines, Kasaan (Gold) Mining Co., Kassan (Gold) Mining Co., Koekuk, Last Chance, Rodgers, Rogers	Brooks, 1902, p. 92; Wright, 1907a, p. 62; Wright and Wright, 1908, p. 161; Smith, 1914, p. 78-79; Mertie, 1921a, p. 127-128; Buddington and Chapin, 1929, p. 321; Smith, 1930b, p. 15-16; Herreid and Rose, 1966, p. 10-14; Berg and Cobb, 1967, p. 169; Bufvers, 1967, p. 14-16; Cobb, 1972b; 1978b, p. 55-57
33a	Crackerjack	55°29'N, 132°42'W	M	Vein	Ag,Au,Cu Pb,Zn	Qz veins as much as 5 ft thick mainly follow one or more porphyry dikes parallel to bedding of black slate country rock. Metallic minerals are py, cp, gn, sl, td, Au and Ag. Unknown amount of production; more than 2,500 ft of underground workings. Includes reference to Hollis	Brooks, 1902, p. 91-92; 1911a, p. 70; Wright and Wright, 1905, p. 66; 1908, p. 160-161; Herreid and Rose, 1966, p. 11-12; Berg and Cobb, 1967, p. 169; Cobb, 1972b; 1978b, p. 48-49
33b	Mountain Bell	55°20'N, 132°41'W	P(?)	Vein	Au	3 claims located on a narrow qz vein reported to carry good values in free Au	Wright and Wright, 1908, p. 162; Cobb, 1972b; 1978b, p. 142
34	Copper Hill	55°30'N, 132°41'W	P	Vein; disseminated?	Au(?),Cu	Network of cp veinlets enclosing sheared rock impregnated with cp in shear zone in greenstone tuff; reported to carry Au as well as Cu. Small amount of work in 1900 and 1916; no record of any production. Includes reference to Copperplate	Brooks, 1902, p. 90; Chapin, 1918, p. 65-66; Herreid and Rose, 1966, p. 16; Cobb, 1972b; 1978b, p. 41
35	Cascade	55°30'N, 132°42'W	M	Vein	Ag,Au,Cu Pb,Zn	Qz lenses and veinlets in a fracture zone in an altered mafic intrusive rock contained free Au, py, sl, gn and cp. Sample of qz lens in a tunnel contained 0.24-0.50 oz Au and 0.4-0.7 oz Ag per ton. An unknown but probably small amount of Au was mined in early 1900's and 1914-15. Surface cuts and 300 ft. tunnels. Work was not productive in late 1930's.	Wright and Wright, 1905, p. 67; 1908, p. 161-162; Herreid and Rose, 1966, p. 14-15; Berg and Cobb, 1967, p. 169; Cobb, 1972b; 1978b, p. 31
35	Puyallup	55°30'N, 132°42'W	M	Vein	Ag,Au,Cu Pb,Zn	Country rock has been variously reported as greenstone, diorite porphyry, altered slate, and other metasedimentary rocks. Qz vein from a few inches to several feet thick follows hanging wall of a thin porphyritic dike. Vein carries free Au, py, gn, sl, cp, bn, and (reportedly) tellurides. Au assays as high as 53.2 oz per ton reported. Mine consisted of several adits, drifts, and at least one shaft, open cuts, and stopes. Intermittent mining from 1901 to at least 1940. Unknown, but considerable production; less than from Dawson Mine. Includes references to Ready Bullion	Brooks, 1902, p. 90; Wright and Wright, 1908, p. 159-160; Chapin, 1916, p. 79-80; Herreid and Rose, 1966, p. 11; Berg and Cobb, 1967, p. 169; Cobb, 1972b; 1978b, p. 164-165

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35	--	55°29'N, 132°44'W	P	Vein	Ag,Au,Cu Pb,Zn	Qz vein in granodiorite is 1/2 to 3 in. wide; contains gn, sl, cp and py. Assay showed 0.88 oz Au and 5.88 oz Ag a ton. Adit is about 50 ft from contact between granodiorite and graywacke; caved 8 ft from portal	Herreid and Rose, 1966, p. 15; Cobb, 1972b; 1978b, p. 240
36	Burke & Lang	55°29'N, 132°39'W	P	Vein	Au(?)	Qz vein about 20 ft wide parallel to strike of enclosing greenstone tuff. A little stripping in about 1916. No data on metallic mineral content, if any	Chapin, 1918, p. 65; Herreid and Rose, 1966, p. 16; Cobb, 1978b, p. 28
37a	Monday	55°30'N, 132°35'W	P	Vein	Ag,Au,Pb	Qz vein in shear zone in slate carries gn, py, and (reportedly) $5-$8 in Au and 15-40 oz Ag per ton. Vein exposed by open cuts; sheared andesite dike forms one wall of vein in one cut. No work reported since 1901. See also Stella	Brooks, 1902, p. 93; Cobb, 1972b; 1978b, p. 136
37b	Stella	55°30'N, 132°38'W	P	Vein	Au(?),Pb,Zn	Qz vein about 3 ft thick with gouge along one wall follows contact between a diorite porphyry dike and black slate; contains py, gn, sl, and low values in precious metals (Au?). Vein followed by 130 ft tunnel. See also Monday	Wright and Wright, 1908, p. 162; Cobb, 1972b; 1978b, p. 195
38	--	55°31'N, 132°43'W	0	Vein	Cu,Pb	100-ft-wide zone probably in black slate or argillite contains thin qz-carbonate veins carrying po, cp, and gn	Herreid and Rose, 1966, p. 26; Cobb, 1972b; 1978b, p. 241
39	Buckhorn	55°32'N, 132°41'W location approx.	P	Vein	Au	Group of claims on Granite Mountain. Qz fissure vein which averages 15 in. thick in a granitic pluton has been traced for several miles. Explored by several tunnels and open cuts. Said to carry good Au values. No known production	Wright and Wright, 1906, p. 41-42; 1908, p. 165; Herreid and Rose, 1966, p. 17; Cobb, 1972b; 1978b, p. 27
39	Clipper	55°32'N, 132°41'W location approx.	P	Vein	Au	Vein 8-18 in. thick in altered and decomposed diabase dike in granite. Similar to veins at Flagstaff (Treasure), which carry free Au and sulfides. Developed by surface stripping and short tunnels	Wright and Wright, 1908, p. 165; Herreid and Rose, 1966, p. 17; Cobb, 1972b; 1978b, p. 34
39	Cutter, Go-By, Juneau	55°33'N, 132°41'W	P	Vein	Au(?)	Group of claims on north side of Granite Mountain reported to carry good Au values; similar to nearby qz fissure veins in granitic rock that carry free Au and sulfides	Wright and Wright, 1906, p. 42; 1908, p. 165; Cobb, 1972b; 1978b, p. 51, 74, 106
39	Lucky Find	55°32'N, 132°42'W location approx.	P	Vein	Au(?),Cu	Four claims located on a 1-ft thick vein between a diabase dike and granite, gouge on both sides of vein. Vein carries py, cp, and possibly Au; gangue is qz, calc and siderite(?). Explored by a 50 ft tunnel, in early 1900's	Wright and Wright, 1908, p. 165; Herreid and Rose, 1966, p. 17; Cobb, 1972b; 1978b, p. 120
39	Lucky Jim	55°32'N, 132°42'W location approx.	P(?)	Vein	Au(?),Cu, Pb	Qz vein, probably in granite (on Granite Mountain), contains py, gn, ml, az, and possibly Au. Little if any development	Wright and Wright, 1908; p. 165; Herreid and Rose, 1966, p. 17; Bufvers, 1967, p. 18; Cobb, 1972b; 1978b, p. 121

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40	Flagstaff (Mining Co.)	55°32'N, 132°40'W	M	Vein	Ag,Au,Cu Pb,Zn	Qz fissure vein can be traced on surface for more than a mile through a vertical range of at least 1300 ft; in mine workings is about 18 in. thick, follows the footwall of a diabase dike; country rock is diorite. Vein is mainly qz with Au, gn, cp, py, sl, cv, sooty cc, and native Cu. Workings consisted of a main level 1,120 ft long, a 55-ft winze, and 5 small stopes; mill, and other surface facilities. Staked before 1905 and operated intermittently until 1941. Mill recovery for Au was poor. Ore milled in 1939 yielded 10.5 lbs Cu and 1.6 lbs Pb for each oz of Au; Ag-Au ratio was 7 to 1; value (probably of mill heads) was reported to be $12 per ton. Total production not known. Includes reference to Last Chance and Treasure	Wright and Wright, 1906, p. 41-42; Chapin, 1916, p. 80-81; Smith, 1942a, p. 18-19; Twenhofel and others, 1949, p. 10-13; Berg and Cobb, 1967, p. 169; Bufvers, 1967, p. 8-9; Cobb, 1972b; 1978b, p. 64-65
41	Copper (Granite Mtn)	55°32'N, 132°41'W location approx.	P(?)	Vein	Au	Group of claims on Granite Mtn. In area, qz fissure veins in a granitic pluton carry free Au and sulfides	Wright and Wright, 1906, p. 41-42; Cobb, 1978b, p. 37
42	Bendigo	55°32'N, 132°41'W location approx.	P(?)	Vein(?)	Au	Qz fissure veins in a granitic pluton carry free Au and sulfides; claim on Granite Mtn	Wright and Wright, 1906, p. 41-42; Cobb, 1978b, p. 16
43	Salmon Lake	55°34'N, 132°38'W	O	Disseminated; vein	Cu,Pb,W	Qz diorite and bordering schist contain disseminated sulfides and qz veins carrying sulfides and a few grains of sc. Sulfides are mainly py and po; a little cp and gn. No development	Sainsbury, 1961, p. 353; Cobb, 1972b; 1978b, p. 182
44	--	55°36'N, 132°38'W location approx.	C	Lode	Cu	Fourteen lode claims near Paul Young Creek	U.S. Bureau of Mines, 1978b
45	--	55°36'N, 132°35'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978b
46	Paul Young Creek	55°37'N, 132°36'W	P	Disseminated; vein	Cu	Py and cp in qz, calc and sulfide veins and disseminated in faulted and jointed argillite. Little exploration	Sainsbury, 1961, p. 354; Cobb, 1972b; 1978b, p. 158
46	Venus	55°37'N, 132°36'W	P	Vein	Ag,Au,Cu, Zn	Po-cp-py-sl vein with qz-calc gangue in a shear zone in greenstone carries a little Au and as much as one oz per ton Ag. Located by magnetic survey in 1904; explored in early 1900's by 800 ft of trenches and one or two adits. No known production. See also Hole in the Wall (loc. no. 71-72); different Venus claim there	Wright, 1907a, p. 68; 1915, p. 73, 87, 98, 100-101; Wright and Wright, 1908, p. 125; Warner and others, 1961, p. 5, 37, 42-43, 117-118; Berg and Cobb, 1967, p. 165; Cobb, 1972b; 1978b, p. 216
46	Young	55°37'N, 132°36'W location approx.	P	Vein; disseminated(?)	Cu	Calc veins and adjacent black slate country rock in a shear zone next to a porphyry dike carry cp and py; only development is a little stripping	Chapin, 1919, p. 86-87; Cobb, 1972b; 1978b, p. 226

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47	Rush & Brown	55°37'N, 132°35'W	M	Vein: massive	Ag,Au,Co, Cu,Fe,Ni	Two deposits were mined. One is mainly mag with small amounts of py and cp, the other is a sulfide vein. Mag body formed by replacement of greenstone and calcareous rocks by mag and tactite; a block about 160 ft long, 40-50 ft thick and 100 ft deep mined out; hand-sorted ore contained 3.25% Cu, 0.06 oz. Au, and 0.25 oz. Ag per ton. Deposit in shear zone in greenstone is as much as 14 ft wide and consists of lenses and networks of veinlets of cp, minor py and po; mined out above 200 ft level; considerable sulfide-rich rock probably remains below 500 ft level. Hand sorted ore contained 10.5% Cu, 0.26 oz. Au per ton, and 1.6 oz. Ag per ton. Data on amount of ore mined from each deposit (Holt and others, 1948) are not consistent with description of mine workings. A sample from a py-po vein not part of either mined deposit contained 0.07% Co and a trace of Ni. Mine operated almost continuously from 1906 to 1923; previously mined ore shipped in 1929. Developed by a glory hole, shafts, and a series of levels (deepest at depth of 500 ft) and stopes	Wright and Wright, 1906, p. 48-49; 1908, p. 123-125; Wright, 1915, p. 57, 73, 77, 85-86, 98-99; Chapin, 1916, p. 86-88; Mertie, 1921a, p. 119-121; Holt and others, 1948a; Warner and others, 1961, p. 32, 37, 42-43, 48, 112-116; Noel, 1966, p. 62; Berg and Cobb, 1967, p. 168; Cobb, 1972b; 1978b, p. 174-177
48	North Pole Hill	55°38'N, 132°36'W	P	Vein; disseminated(?)	Au,Cu	Bn in pyroxenite or gabbro of the pluton that is host to Salt Chuck ore body. Also pyritiferous qz veins carrying about 0.2 oz Au per ton. Surface excavations only	Sainsbury, 1961, p. 354-355; Cobb, 1972b; 1978b, p. 151
49	Alexander	55°37'N, 132°02'W location approx.	P	Vein	Au(?)	45-ft tunnel on qz vein 6 in. to 3 ft thick. No data on mineralogy or Au-content, if any. Includes references to Alexandria	Wright and Wright, 1906, p. 44-45; 1908, p. 155-156; Cobb, 1978b, p. 7
50	Leibrant	55°38'N, 132°34'W	M(?)	Disseminated	Cu	Bn and cp disseminated in qz in a vertical fault in altered gabbro country rock. Adit (said to be 100 ft long) and an 18-ft winze(?); all work before 1915	Chapin, 1916, p. 85; Cobb, 1972b; 1978b, p. 115
50	Salt Chuck (Mining Co.)	55°38'N, 132°34'W	M	Massive; vein; disseminated	Ag,Au,Cu Pd,Pt	Pipe-like replacement body in gabbro-pyroxenite stock which intruded Silurian graywacke. Ore bodies are irregular randomly distributed masses mainly of bn, minor cp, secondary cc, cv, native Cu, and some mag; contains recoverable Cu, Au, Ag, and Pd and a little Pt. Ore minerals deposited in cracks and along fractures. Mine operated intermittently from 1905 to 1941, total production was 326,000 tons of ore; average metal content was 0.95% Cu, 0.036 oz Au per ton, 0.17 oz Ag and 0.063 oz Pd per ton. Sample of ore used for USBM benefication test contained 0.06% V_2O_5(in mag). Average Pt and Pd contents of 6 samples (1972) were .057 ppm and 1.010 ppm respectively. Mine developed by 3 levels and a glory hole. Resources probably less than amount mined. Includes references to: Alaska Gold and Metals Co., Alaska Palladium Co., Goodro, Joker	Wright and Wright, 1908, p. 125-126; Knopf, 1910a, p. 141; Wright, 1915, p. 85-86, 98-99; Brooks, 1921, p. 18-19, 38; Mertie, 1921a, p. 121-127; Gault, 1945; Holt and others, 1948b; Wedow and others, 1952, p. 65; Twenhofel, 1953, p. 5; Warner and others, 1961, p. 37; Noel, 1966, p. 53-54, 62; Berg and Cobb, 1967, p. 165-166; Mertie, 1969, p. 76-77; Clark and Greenwood, 1972a, p. C159-C160; Page and others, 1973, p. 540-543; Cobb, 1972b; 1978b, p. 183-188 (Also see Smith, 1929-1942, information on mining production)

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51	Stevens	55°37'N, 132°33'W	P	Vein	Cu	Bn in fractures in diorite is exposed as irregular stringers and small masses. Aplitic material also in some of the fractures. See also: Cascade, Flagstaff, Stumble-Dn. Valparaiso (Stevens was also involved with these properties)	Gault, 1945, p. 8; Cobb, 1972b; 1978b, p. 196
52	--	55°38'N, 132°30'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978b
53	Copper Center	55°37'N, 132°30'W	P	Vein; massive?	Ag,Au,Cu Fe	Small, irregular pods and veins of mag, py and cp; gr and ep not abundant; minor qz and calc as gangue. Largest ore body is a dominantly cp vein 1-3 ft wide exposed for a length of 20 ft. Little Au and Ag; country rock is greenstone. Minor exploration, mainly in 1908. No record of production	Wright and Wright, 1908, p. 120; Wright, 1915, p. 100; Wells and others, 1957, p. 56; Warner and others, 1961, p. 42-43, 120-122; Cobb, 1972b; 1978b, p. 38
54	Haida (Copper Co.)	55°36'N, 132°30'W	M	Vein	Ag,Au,Cu Fe,Mo	Deposit is small, irregular mass of mag carrying cp in gr-ep gangue; a little mo, Au and Ag. Country rocks are greenstone with lenses of calcareous material. Workings consisted of about 200 ft. of underground workings and a small glory hole. A little ore shipped in 1907; minor work thereafter. Includes reference to: Hyda, Mammoth	Wright and Wright, 1906, p. 48-49; 1908, p. 119-120; Wright, 1907a, p. 67-68; Bain, 1946, p. 31; Warner and others, 1961, p. 119-120; Bufvers, 1967, p. 3; Cobb, 1972b; 1978b, p. 82
55	Charles	55°36'N, 132°29'W	P	Massive	Ag,Au,Cu	Masses of cp, py with some mag in tactite that replaced greenstone tuff or graywacke and conglomerate. High values in Ag and Au reported. Small open pit in tactite. No record of production	Wright and Wright, 1908, p. 120; Wright, 1915, p. 78, 100; Warner and others, 1961, p. 5; Cobb, 1972b; 1978b, p. 32
56	Blackbird	55°32'N, 132°36'W location approx.	P(?)	--	Cu(?)	Claim north of Poorman. Probably staked as a Cu-prospect, but no data available	Chapin, 1916, p. 86; Cobb, 1978b, p. 22
57	Kansas	55°32'N, 132°36'W location approx.	P(?)	--	Cu(?)	Claim north of Poorman. Probably staked as a Cu prospect, but no data available	Chapin, 1916, p. 86; Cobb, 1978b, p. 107
58	Brown and Metzdorf	55°25'N, 132°29'W	M	Massive; disseminated	Ag,Au,Cu, Mo	Tactite zone (probably formed by replacement of calcareous sedimentary rock) of gr and ep contains cp, py and a little mo in a 10-ft wide ore zone along footwall of a basic dike that also carries sulfides. Assays of 3 samples taken in early 1940's(?) was 0.027 oz Au and 0.59 oz Ag a ton, 3.8% Cu, and 0.05% MoS_2. Developed by adit level with 225 ft of workings, 2 shafts, and surface excavations; in 1937 a 30-ton shipment of previously mined ore returned $40 a ton. Includes reference to Brown and Newell	Wright and Wright, 1908, p. 120-121; Wright, 1915, p. 73; Warner and others, 1961, p. 125-126; Bufvers, 1967, p. 2-3; Cobb, 1972b; 1978b, p. 25
59	Alarm	55°35'N, 132°28'W	M(?)	Disseminated?; massive?	Cu	Minor cp, mag and py in tactite in marble within a few hundred feet of diorite; development consisted of about 200 ft of adits, open cuts, and 3 small stopes. Production (if any) was small. Includes reference to Eagles Nest. See also It	Wright and Wright, 1908, p. 118-119; Warner and others, 1961, p. 125; Berg and Cobb, 1967 p. 167-168; Cobb, 1972b; 1978b, p. 6
59	It (Mining Co.)	55°35'N, 132°28'W	M	Massive?	Ag,Au,Cu Mo	Mainly cp and py, with minor mo and a little mag and hem. Ore in tactite adjoining marble lenses. Country rock is mainly interlayered marble, greenstone and irregular zones of tactite, irregular dikes of diorite, gabbro, and finer grained mafic rocks. Two small mag bodies, one with small pods of sulfides in it, were not mined. Ore mined contained an average of 3.99% Cu, and 0.0685 oz Au and 0.478 oz Ag per ton. Mine operated from 1908 to 1912 and from 1915 to 1918; produced Cu ore worth $1,000,000 and some Ag and Au. Mined from glory holes and extensive underground workings	Wright, 1909, p. 78-79; 1915, p. 94-95; Smith, 1917b, p. 25-26; Warner and others, 1961, p. 5, 32, 122-125; Berg and Cobb, 1967, p. 165-167; Cobb, 1972b; 1978b, p. 100-101

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59	Reed	55°35'N, 132°28'W location approx.	P	Massive?	Cu	Similar to It deposit; explored in 1908. See also Alarm, It	Wright, 1909, p. 79; Cobb, 1972b; 1978b, p. 168
60	--	55°37'N, 132°25'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978b
61	Big Five	55°39'N, 132°25'W location approx.	P	Vein; massive?	Cu,Fe	Po, mag, and cp occur as small pods and stringers in tactite that replaced limestone near a diorite dike. Explored in early 1900's by a 40-ft adit and a 15-ft winze. No recorded production. See also Iron Cap	Wright and Wright, 1908, p. 127; Warner and others, 1961, p. 110-111; Berg and Cobb, 1967, p. 168; Cobb, 1972b; 1978b, p. 18
62	Palmer Cove	55°38'N, 132°22'W location approx.	M	Vein	Au,Cu	Vein 3 ft wide found in a gulch and stripped, probably soon after 1900; small shipments of handpicked Cu-ore with good Au values reported. May be the same as Tolstoi or Wallace	Bufvers, 1967, p. 2; Cobb, 1978b, p. 155
63	Iron Cap	55°39'N, 132°24'W	P	Massive	Ag,Au,Cu,Fe	Cu-Fe deposits on Tolstoi Mountain prospected between 1900 and 1908. Country rock is greenstone, metamorphosed clastic sediments, and limestone cut by many granitic and mafic dikes, all intruded by a granitic stock; large fault zone parallel to and about 1/2 mi. SW of granodiorite contact. Ore bodies occur between stock and fault; mainly lenses of mag, with some cp, py, and po; gangue is mainly gr-ep rock. A little bn, traces of Au, and as much as 0.6 oz Ag per ton. Resource estimate of Tolstoi Mtn area is 100,000 long tons of inferred ore containing no more than 40% Fe, and 0.25% Cu. Magnetic survey indicates that mag deposits are not much larger than exposed at the surface and are shallow. No production. Includes references to (Tolstoi Mtn). See also Big Five	Brooks, 1902, p. 104; Wright and Wright, 1908, p. 126-127; Erickson, 1948, p. 101; Carr and Dutton, 1959, p. 102; Warner and others, 1961, p. 31-32, 37,43, 106-112; Berg and Cobb, 1967, p. 168; Cobb, 1972b; 1978b, p. 96-97
64	Tolstoi	55°38'N, 132°22'W location approx.	P(?)	Massive	Cu,Fe	Low grade mag-cp masses similar to those at Iron Cap. Little exploration	Wright and Wright, 1908, p. 127; Cobb, 1972b; 1978b, p. 208
64	Wallace	55°38'N, 132°22'W location approx.	P(?)	Massive	Cu,Fe	Small scattered masses of cp in vein of gr-ep rock. Very little exploration	Wright and Wright, 1908, p. 127; Cobb, 1972b; 1978b, p. 218
65	Iron King No. 1	55°33'N, 132°25'W	P	Vein; disseminated; massive?	Ag,Au,Cu, Fe	Mag-cp-py deposit (ore deposition probably fault controlled) in greenstone and associated rocks cut by syenite, andesite and basalt dikes is about 150 ft long and 10-15 ft wide. Mag occurs as small bodies containing 50% Fe and as disseminated grains; cp and py in fractures in mag and in greenstone. Deposit exposed by trenches and stripped surfaces. 29 channel samples by USBM indicated average of about 2% Cu, and minor Au and Ag in a body about 150 ft long and 10-15 ft wide; no data on depth. See also Poorman (no. 65)	Warner and others, 1961, p. 102-106; Cobb, 1972b; 1978b, p. 99

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65	Copper King	55°34'N, 132°26'W location approx.	P	Disseminated; massive	Au,Cu,Fe	Py, mag, and cp disseminated in "bunches" with calc, ep, and qz gangue. Assays showed about 0.39 to about 0.48 oz. Au per ton and up to 12-13% Cu. Developed by a 30 ft tunnel, 20 ft shaft and a 35 ft open cut. May have become part of Poorman property	Brooks, 1902, p. 99-100; Cobb, 1972b; 1978b, p. 42
65	Morning Star	55°34'N, 132°26'W location approx.	P	Massive	Au(?),Cu, Fe	Mass of mag with cp and py exposed at surface; appears to be 30-40 ft wide. Said to carry Au values. Explored by shaft 20 ft deep. May have become part of Poorman property	Brooks, 1902, p. 100; Cobb, 1972b; 1978b, p. 141
65	Poorman	55°34'N, 132°26'W	P	Disseminated; massive	Ag,Au,Cu Fe	Deposit is a mass of magnetite that replaced and cemented greenstone breccia in a fault zone. Lode is 1,500 ft. long, an average of 85 ft. wide at the surface, and probably about 200 ft. deep. Resource estimates are 0.9 million tons of measured ore, and 0.45 million tons of inferred ore. Approximately 10% of body is waste (dikes and unreplaced greenstone). Ore contains averages of 52.4% Fe, 0.25% Cu, 0.032 oz Au and 0.071 oz Ag a long ton, and small amounts of Ti and P. Explored in early 1900's, originally as a Cu prospect. Explored by 4 shafts (10-60 ft deep), 3 adits, many trenches, 13 diamond-drill holes, and a magnetic survey. No production	Brooks, 1902, p. 100-101; Wright and Wright, 1908, p. 118; Holt and Sanford, 1946; Wells and others, 1957, p. 5-6; Warner and others, 1961, p. 31-32, 45, 50-51, 96-102; Berg and Cobb, 1967, p. 166-167; Cobb, 1972b; 1978b, p. 160-162
66	Copper Queen	55°32'N, 132°23'W	P	Massive	Cu	Deposit is an irregular mass of cp, py and mag in gr-ep gangue at contact of altered syenite intrusive body and greenstone tuff. Surface excavations and about 500 ft of tunneling. Staked in 1867; probably the first lode location in Alaska; no work since 1903; no production	Brooks, 1902, p. 100; Wright and Wright, 1906, p. 48; 1908, p. 117-118; Warner and others, 1961, p. 5; Bufvers, 1967, p. 3-4; Cobb, 1972b; 1978b, p. 45
67	Uncle Sam	55°32'N, 132°23'W	M	Massive	Au(?),Cu	Irregular masses of cp-py ore in gangue of gr, ep, mag and calc. Country rock is altered greenstone tuff, intruded by syenite body and by felsic and mafic dikes. Developed by open pits and about 800 ft of tunnels and drifts in early 1900's. Ore mined and shipped in 1906-07; at least 350 tons of ore shipped, and returned $22 per ton. Low Au values reported in one reference only. Includes reference to White Eagle	Brooks, 1902, p. 101; Wright and Wright, 1906, p. 47-48; 1908, p. 117; Wright, 1907a, p. 67; Bufvers, 1967, p. 4; Cobb, 1972b; 1978b, p. 211
68	Elm City	55°32'N, 132°22'W	P	Vein?; disseminated?	Au,Cu	Cp and py in a zone about 3 ft wide (including some country rock) in dioritic country rock partly replaced by ep; bounded by faults. Ore said to carry about 0.48 oz. Au per ton. Short tunnel exposes mineralized zone. Includes references to Skookum	Brooks, 1902, p. 101; Cobb, 1972b; 1978b, p. 62

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69	Rich Hill	55°32'N, 132°21'W	M	Massive; disseminated; vein	Cu,Fe,Mo	Cp-py-mag ore containing a little mo in tactite and fault zone in greenstone (with interbedded foliated rock that may have been sedimentary in origin) and are cut by many dikes (one of diorite porphyry is 50 ft thick). Mag formed by replacement; sulfides in fractures in greenstone and mag. Lens of high grade cp mined out in 1917-18. Resources of lower grade material include a block about 100 ft. long, 35 ft. wide and 80 ft. deep containing 1.4-2.0% Cu, and other rock containing about 1% Cu. Small mag bodies contain as much as 50% Fe. Developed by many surface excavtions, small glory hole and about 800 ft. of underground workings. Includes references to Ouray (Wright, 1909, 1915)	Chapin, 1919, p. 87; Warner and others, 1961, p. 32, 50, 126-132; Berg and Cobb, 1967, p. 168; Bufvers, 1967, p. 4; Cobb, 1972b; 1978b, p. 171-172
70	Peacock	55°31'N, 132°30'W location approx.	P	Disseminated?	Cu,Mo(?)	Gr-ep rock contains mag and a little cp and possibly mo. Two short tunnels driven in early 1900's	Wright and Wright, 1906, p. 47; 1908, p. 121; Cobb, 1972b; 1978b, p. 159
70	Tacoma	55°31'N, 132°20'W location approx.	P	Disseminated	Cu,Mo(?)	Cp and possibly mo in gr-ep rock occurs as small, irregular patches and disseminations. Open cuts on exposures that are covered at high tide, and a 60-ft. tunnel	Wright and Wright, 1906, p. 47; 1908, p. 121; Cobb, 1972b; 1978b, p. 204
71-72	Hole in the Wall	55°32'N, 132°18'W	P	Massive?	Cu	In early 1900's, many claims staked in an area of contact-metamorphosed limestone adjacent to a diorite intrusive body. Ore is dominantly cp with a lesser amount of mag. Exploration on Pelaska prospect failed to find any large body; little development; about 50 tons of mined material from surface was left in a dump. Includes references to: Eureka, Pelaska, Pennyslvania, Plumley, Sunrise	Wright and Wright, 1908, p. 121-122; Bufvers, 1967, p. 4-5; Cobb, 1972b; 1978b, p. 89
73	Mount Andrew	55°31'N, 132°18'W	M	Massive; disseminated	Ag,Au,Co, Cu,Fe	Ore bodies are contact metamorphic in origin and consist of massive mag, subordinate cp, and minor amounts of other sulfides. Ore bodies interfinger with tactite, are cut by dikes, and are about half waste. Most mag is in "compound ore body", a contorted body about 125 ft. thick; also several small mag bodies (not mited). Ore mined from mag-cp bodies, 1906-1917, with several interruptions. Weighted average of USBM analyses of samples from property showed 47.8% Fe, 0.32% Cu, and 0.011 oz. Au and 0.55 oz. Ag per long ton; also as much as 0.05% Co and small amounts of Ni, Zn, Cr, and V in some samples. Average return of ore mined was 3.09% Cu and 0.0265 oz. Au and 0.363 oz. Ag per ton. Mine consisted of 4 glory holes, 3 adits, and other underground workings; aggregate length about 3,000 ft. Cu ore practically mined out. Fe resource estimated at about 2,147,000 tons of material containing 50% Fe. Regional data and material also applicable to Mamie (loc. no. 74). Includes references to: Jim, North Star	Brooks, 1902, p. 102-103; Wright and Wright, 1908, p. 115-117; Wright and Tolonen, 1947; Warner and others, 1961, p. 31-32, 84-93; Berg and Cobb, 1967, p. 166-167; Cobb, 1972b; 1978b, p. 143-145

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74	Mamie	55°31'N, 132°17'W	M	Massive; disseminated	Ag,Au,Cu, Fe	Lodes consisted mainly of contorted tabular masses (of contact-metamorphic origin) consisting of mag, cp, and py, with calcite and calc-silicate gangue minerals formed by replacement of metamorphosed sedimentary layers intercalated in greenstone that was intruded by dioritic and more alkalic granitic rocks and mafic dikes; locally mag also replaced brecciated greenstone. Ore bodies were several large, irregular, masses of cp (now almost entirely mined out) along the fringes of predominantly mag bodies. Remaining mineralized material is chiefly massive mag containing finely disseminated cp and py; material contains 53-59% Fe, 0.26-0.90% Cu, and 1.69-3.88% S. Produced more than $1,000,000 worth of Cu-ore between 1905 and 1918. Mamie, Mount Andrew, and Stevenstown collectively produced more than 270,000 tons of Cu-ore, containing more than 12,817,000 lbs Cu, 6939 oz Au, and 55,930 oz Ag; no Fe produced. Fe resources of Mount Andrew-Mamie area estimated to be about 2,684,000 long tons; about 80% at Mount Andrew, most of rest at Mamie. All ore bodies within a few hundred ft of surface. Magnetic survey, diamond drilling, and other exploration indicates that there are no large undiscovered ore bodies in the area. Mamie mine consisted of 3 glory holes, 3 adits, and other interconnected underground workings. Includes reference to Brown-Alaska Co. unless specified as another property	Wright and Wright, 1905, p. 63; 1906, p. 46-47; 1908, p. 112-114; Wright, 1915, p. 112-114; Warner and others, 1961, p. 32, 37, 54-80, 80-84; Berg and Cobb, 1967, p. 165-167; Cobb, 1972b; 1978b, p. 124-127
74	Stevenstown	55°31'N, 132°17'W	M	Disseminated; massive	Ag,Au,Cu, Fe	Siliceous Cu ore with a little mag in a body 8-25 ft thick over a horizontal area of about 60,000 sq ft. Considerable mass of barren dikes near center. Underlain and overlain by tactite. Small mag bodies (not mined) in workings and exposed south of main workings are mixed with tactite and contain irregularly disseminated cp and py. Mine operated from 1906 to 1918 with interruption from 1909 to 1915. Average metal content of ore mined 1916-18 was 2.88% Cu, and 0.0308 oz Au and 0.264 oz Ag per ton. Ore mined from four glory holes connected to a 550-ft tunnel. Regional geology similar to that at Mamie (loc. 74).	Wright and Wright, 1906, p. 47; 1908, p. 114-115; Wright, 1915, p. 88-89; Wright and Tolonen, 1947, p. 5; Warner and others, 1961, p. 37, 93-96; Berg and Cobb, 1967, p. 166-167; Cobb, 1972b; 1978b, p. 197-198
75	Big Six	55°29'N, 132°12'W location approx.	O	Vein?; disseminated?	Cu	Cp, py and native Cu in altered limestone along fault contact with greenstone. Lode apparently formed by replacement of limestone	Brooks, 1902, p. 103; Berg and Cobb, 1967, p. 168; Cobb, 1972b; 1978b, p. 21
76	Cachelot	55°28'N, 132°08'W	O	Vein	Ag,Au,Cu	Qz vein 1-3 ft thick in sheared diorite carries cp in qz gangue. Random specimen contained 0.41 oz Ag and 0.14 oz Au per ton	Brooks, 1902, p. 103-104; Cobb, 1972b; 1978b, p. 29
77	--	55°27'N, 132°10'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978b

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78	Shelton	55°26'N, 132°38'W location approx.	P	Vein	Ag,Au,Cu	Py and cp make up no more than 1%-2% of qz-calc vein in fractured limestone. Low Au and Ag values reported. Sample across vein contained 0.25% Cu. Explored by a 40-ft drift and 55-ft winze in early 1900's. Includes references to: Lavina, Roman, Rosalie	Brooks, 1902, p. 93; Wright and Wright, 1906, p. 48; 1908, p. 128; Twenhofel and others, 1949, p. 8-10; Berg and Cobb, 1967, p. 170; Cobb, 1972b; 1978b, p. 191
79-80	Kina Cove	55°29'- 55°31'N, 132°31'-132°32'W	O	Disseminated; vein	Cu	Cp in recrystallized limestone and in a qz vein that borders a qz diorite pluton. Other small qz veins and veinlets carry py, po, and a little cp in schist	Sainsbury, 1961, p. 352-353; Berg and Cobb, 1967, p. 168; Cobb, 1972b; 1978b, p. 114
81-82	Baker Point	55°31'N, 132°25'W	P(?)	Massive?	Fe	Small pods and lenses of mag in banded chert and argillite in contact with an altered dike or flow. Nearby a prospect tunnel was driven at least 50 ft in volcanic graywacke	Sainsbury, 1961, p. 352; Berg and Cobb, 1967, p. 168; Cobb, 1972b; 1978b, p. 13
81	Sunny Day	55°31'N, 132°25'W location approx.	P	Vein	Ag,Au,Cu	Vein adjacent to porphyry dike in metamorphosed greenstone carries cp and a little Au and Ag. Tunnel driven 135 ft to undercut lode, 1905	Wright and Wright, 1906, p. 48; Wright, 1907a, p. 68; Berg and Cobb, 1967, p. 168; Cobb, 1972b; 1978b, p. 203
83	Hatchet	55°26'N, 132°26'W	O	Vein; disseminated	Au	Mineralized zone about 4 ft thick along a narrow fissure vein in carbonaceous, pyritiferous slate. Chief ore mineral is py; less than 0.048 oz. Au per ton	Brooks, 1902, p. 96; Berg and Cobb, 1967, p. 173; Cobb, 1972b; 1978b, p. 83
84	--	55°24'N, 132°21'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978b
85	--	55°22'N, 132°17'W location approx.	C	Lode	Fe	Twenty-two lode claims north of Clover Mtn.	U.S. Bureau of Mines, 1978b
86	Big Harbor	55°22'N, 132°58'W	M	Massive?	Ag(?),Au(?) Cu,Zn(?)	Lenses of cp, py, and possibly sl at contact of greenschist and qz-mica schist probably contained some Au and Ag. Workings included at least 2 shafts, several levels, a few stopes and an adit. Total recorded production was 136 tons of ore shipped containing between 6 and 7% Cu, 1913-1916. Includes references to Northland Development Co.	Knopf, 1911b, p. 102; Smith, 1914, p. 84-85; Chapin, 1916, p. 91-93; Twenhofel and others, 1949, p. 15-17; Berg and Cobb, 1967, p. 170; Cobb, 1972b; 1978b, p. 19-20
87	--	55°21'N, 133°00'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978b
88	--	55°22'N, 132°52'W	O	--	Cu	Py and minor cp in greenschist	Clark and others, 1970a, p. 4; Cobb, 1972b; 1978b, p. 234
89	--	55°22'N, 132°48'W	O	--	Cu	Py and minor cp in greenschist	Clark and others, 1970a, p. 4; Cobb, 1972b; 1978b, p. 233
90	Nancy	55°21'N, 132°48'W	P	Vein	Cu	Qz stringers in a silicified shear zone 25 ft wide in greenstone carry cp and py. Little development, shallow surface workings	Chapin, 1916, p. 93; Berg and Cobb, 1967, p. 170; Cobb, 1972b; 1978b, p. 146
91a	Rex	55°15'N, 132°32'W	P	Massive?	Cu,Fe	Cp and mag in gr-ep-dp gangue in contact zone between qz diorite and limestone on Green Monster Mountain. Development consists of open cuts and short adits. May be part of Green Monster group (118). Includes reference to Idela	Chapin, 1918, p. 68; Cobb, 1972b; 1978b, p. 170

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91b	--	55°19'N, 132°47'W	O	Disseminated?	Cu	Py and minor cp in calcareous greenstone	Clark and others, 1970a, p. 5; Cobb, 1972b; 1978b, p. 232
92	Marble Heart	55°20'N, 132°41'W location approx.	P	Vein	Pb	Small vein of gn in intensely deformed crystalline limestone. Explored about 1900 by a shallow shaft and short tunnel. No data on precious mineral content	Brooks, 1902, p. 93; Condon, 1961, p. 88; Berg and Cobb, 1967, p. 170; Cobb, 1972b; 1978b, p. 128
93	Twelvemile Creek	55°18'N, 132°42'W	O	Disseminated?	Cu	Py and cp in two limestone quarries	Herbert and Race, 1964, p. 27; Cobb, 1972b; 1978b, p. 210
94	--	55°16'N, 132°41'W	O	Placer?	Cu	Cp in till from stream bed	Herreid and Trible, 1973; Cobb, 1978b, p. 228
95	--	55°19'N, 132°41'W	O	Vein	Cu	Cp in 1-in. thick qz vein in deformed lava	Herreid and Rose, 1966, p. 29; Cobb, 1972b; 1978b, p. 231
96	--	55°16'N, 132°40'W	O	Float	Cu	Cp veins in stream-bed float	Herreid and Trible, 1973; Cobb, 1978b, p. 227
97	Dolly Varden	55°21'N, 132°42'W location approx.	P	Vein	Ag,Au,Cu	Discontinuous qz veins in marble interbedded with metamorphosed sedimentary and volcanic rocks contain td,much of which is altered to az and ml. Selected sample contained 0.06 oz Au and 8.64 oz per ton Ag. Staked in 1900, no production	Brooks, 1902, p. 93; Wright and Wright, 1908, p. 162; Wedow and others, 1952, p. 65; Herreid and Rose, 1966, p. 29; Berg and Cobb, 1967, p. 170; Bufvers, 1967, p. 19; Cobb, 1972b; 1978b, p. 59
98	Gould Island	55°17'N, 132°32'W	P	Vein; disseminated	Cu,Pb,Zn	Gn, sl, and cp in small veinlets and finely disseminated in a belt of siliceous limestone. Bedrock on island is limestone, siliceous schist, and slate intruded by granodiorite. Calc, qz, gr, ep and wl are gangue minerals. Amount of ore exposed is small and of low grade. Developments included a 70-ft tunnel, opencuts, and a shallow shaft (1908)	Wright and Wright, 1908, p. 107; Berg and Cobb, 1967, p. 171; Cobb, 1972b; 1978b, p. 80
99	Sultana	55°17'N, 132°35'W	P	Disseminated; massive?	Co,Cu,Ni	Contact metamorphic deposit between granitic footwall and limestone hanging wall. Small masses and disseminated particles of Fe and Cu sulfides in gr-ep-calc gangue; some mag. Po sample contained between 0.1% and 0.2% Ni and a trace of Co. Explored in early 1900's by open cuts and tunnels (longest 130 ft). No record of production	Wright and Wright, 1908, p. 87, 104-105; Berg and Cobb, 1967, p. 171; Cobb, 1972b; 1978b, p. 201
100	Beaver	55°18'N, 132°35'W location approx.	O	Unknown	Au(?),Cu(?)	Au and Cu values reported about a mile from Hetta Inlet near Sulzer	Brooks, 1902, p. 107; Cobb, 1972b; 1978b, p. 15
100	--	55°18'N, 132°35'W location approx.	O	Unknown	Pb,Zn	Sl and gn occur in crystalline limestone on ridge 1-1/2 NE of Sulzer	Chapin, 1918, p. 68-69; Cobb, 1972b; 1978b, p. 242
101	Earl No. 1	55°16'N, 132°29'W location approx.	O	Disseminated	Au(?)	Pyritiferous qz blebs in quartzitic schist. No mention of possible Au content	Brooks, 1902, p. 88; Cobb, 1978b, p. 60
102	Bertha, Hecla, Red Rose	55°17'N, 132°25'W location approx.	P(?)	Vein	Cu(?)	Three claims near Kiam (Khayyam) with cp and po reported from three parallel veins with an aggregate thickness of 50 ft	Brooks, 1902, p. 95; Cobb, 1972b; 1978b, p. 17, 84, 167

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
103	Khayyam	55°18'N, 132°23'W	M	Massive	Ag,Au,Cu, Zn	Ore bodies are irregular, elongate, nearly vertical lenses of sulfide ore parallel to schistosity in enclosing metamorphosed sedimentary and volcanic rocks (Berg and Cobb, 1967) or altered and banded diorite (Fosse, 1946). Ore lenses are mainly py with cp, po, sl and mag; minor amounts of Au and Ag; some secondary Cu-minerals; gangue is qz, calc, ep and chl. First located in 1899, nearly all work was between 1901 and 1907; little development 1916; relocated 1937. Developed by several hundred ft of underground workings, pits and trenches. USBM sampling program; 31 channel samples contained from 0 to 5.25% Cu, from trace to 0.20 oz Au per ton, and 0 to 8.1 oz Ag per ton; 7 samples contained 6.8% to 52.3% S. Indicated and inferred resources of 84,000 tons containing 1.71% Cu, 0.93% Zn, 38% S, 0.06 oz Au per ton and 0.30 oz Ag per ton. Includes references to Kiam	Brooks, 1902, p. 94-95; Wright and Wright, 1906, p. 49; 1908, p. 135-137; Wright, 1908, p. 96; Fosse, 1946; Berg and Cobb, 1967, p. 172; Bufvers, 1967, p. 22-23; Cobb, 1972b; 1978b, p. 111-112
104	Stumble On	55°17'N, 132°21'W	P,M(?)	Massive?	Ag,Au,Cu, Zn	Elongate sulfide lenses parallel to foliation of schist country rock (cut by diorite in general area). Lenses consist of py, disseminated cp and a little po, sl, mag, Au and Ag. USBM sampling indicated from 0.46 to 12.70% Cu, from 0.1 to 0.9 oz Au per ton, and from a trace to 0.3 oz Ag per ton. Staked and restaked from about 1900-1945. Explored by approx 525 ft of underground workings, and surface excavations. Records too poor to determine if any ore was shipped. Includes references to: Lakeview, Mammoth (McKenzie Inlet)	Brooks, 1902, p. 95-96; Wright and Wright, 1906, p. 49; 1908, p. 137-138; Fosse, 1946, p. 3-4, 6-8; Berg and Cobb, 1967, p. 172-173; Bufvers, 1967, p. 23; Cobb, 1972b; 1978b, p. 199-200
105	Fowlkes	55°16'N, 132°18'W location approx.	P	Disseminated?	Cu	Cp in a 12-ft wide zone in a gneiss-schist. Crosscut driven 95 ft to footwall, no work since about 1905	Wright and Wright, 1906, p. 50; Cobb, 1978b, p. 69
106	Anderson (McKenzie Inlet)	55°20'N, 132°22'W	O	Vein?	Cu	Cp in a 3-ft thick zone in sheared chloritic schist; only development is a tunnel	Brooks, 1902, p. 96; Cobb, 1972b; 1978b, p. 11
107	Anderson (Cholmondeley Sound)	55°16'N, 132°14'W location approx.	O	Vein?	Cu(?)	Cu values reported near West Arm of Cholmondeley Sound; said to be extension of vein exposed at Mammoth and Lakeview claims	Brooks, 1902, p. 88, 95; Cobb, 1978b, p. 10
108	--	55°15'N, 132°14'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978b
109	Houghton	55°15'N, 132°38'W	P	Massive	Cu,Fe	Massive cp with mag, py, and po in a body 5-ft wide occur along contact between granodiorite and limestone in a contact metamorphic deposit. Some native Cu present. Explored by surface excavations and two tunnels; developments mostly in 1906-07. No record of production. Includes reference to Cuprite Copper Company	Wright, 1907a, p. 71; 1915, p. 50; Wright and Wright, 1908, p. 103-104; Berg and Cobb, 1967, p. 172; Cobb, 1972b; 1978b, p. 92

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
110	Corbin	55°14'N, 132°39'W	M	Massive	Ag,Au,Cu	Fissure vein no more than 3 ft wide in greenstone; consists mainly of py, subordinate cp, and minor qz and calc. Discovered in 1905, and some ore shipped to smelter at Coppermount contained about $3 per ton in Au and Ag (1905 prices). Developed by 100-ft shaft, some drifts, and a 210 ft tunnel. Last activity was in 1914. Includes reference to Corwin	Wright and Wright, 1906, p. 51-53; 1908, p. 105-106; Wright, 1907a, p. 70-71; 1915, p. 43; Brooks, 1921, p. 18; Berg and Cobb, 1967, p. 172; Bufvers, 1967, p. 21; Cobb, 1972b; 1978b, p. 46
111	Jumbo (Hetta Inlet)	55°15'N, 132°37'W (location shows main mine workings)	M	Massive	Ag,Au,Cu, Mo,Fe,Zn	Contact metamorphic deposit, mainly in limestone at contacts with granodiorite stock and in limestone inclusions in the stock. Two groups of deposits (1) cp group (mined out), and (2) mag-cp group. Minerals reported from cp bodies include cp, spec, sl and mo; predominant contact minerals associated with mag bodies are dp and gr, some cp. Lenses of mag range from a few ft. to as much as 60 ft thick; these principal bodies contain a total of about 370,000 long tons of indicated and inferred ore containing about 45% Fe and 0.73% Cu. The richer contact cp bodies were mined out between 1907 and 1923. Total production was about 122,937 tons of ore which yielded 10,194,264 lbs Cu, 7076.36 oz Au and 87,778 oz Ag; (Kennedy, 1953). Development included over 2 miles of workings; property consists of 29 claims	Brooks, 1902, p. 107; Wright and Wright, 1908, p. 99-102; Wright and Fosse, 1946; Kennedy, 1953; Carr and Dutton, 1959, p. 80, 102; Berg and Cobb, 1967, p. 171; Cobb, 1972b; 1978b, p. 103-105
112	Copper Mountain	55°14'N, 132°37'W	M	Massive	Ag,Au,Cu	Discovered in 1897; mined 1902, 1905-06; had own smelter. Ore mined was primarily secondary Cu carbonate derived from lower grade contact metamorphic cp deposit between diorite and limestone. Ore is cp and bn and Cu-carbonates, ore bodies irregular; ore mined ran $1-$2 per ton in Au and Ag. Several thousand ft of workings. Includes reference to: Alaska (Consolidated) Copper Co., Coppermount, (Copper Mt.), Indiana, New York	Brooks, 1902, p. 105-107; Wright and Wright, 1906, p. 51-52; 1908, p. 96-98; Berg and Cobb, 1967, p. 171-172; Cobb, 1972b; 1978b, p. 43-44
112	Miller Bros.	55°14'N, 132°37'W location approx.	P(?)	Massive?	Au(?),Cu(?)	Large body of low-grade Cu and Au ore reported; claim said to be north of Copper Bay	Brooks, 1902, p. 107; Cobb, 1972b; 1978b, p. 135
113	Gould (Hetta Inlet)	55°13'N, 132°36'W	P	Massive?; disseminated?	Cu	Contact metamorphic deposit at contact between granodiorite and quartzite. Small amounts of cp and po scattered near contact of gr-ep contact and granite. Minor development in early 1900's, no record of production	Wright and Wright, 1908, p. 107; Cobb, 1972b; 1978b, p. 78
113	Iron Crown (Hetta Inlet)	55°13'N, 132°36'W	O	Unknown; possibly massive	Co,Ni	Po sample contained 0.1-0.2% Ni and a trace of Co	Wright and Wright, 1908, p. 87; Berg and Cobb, 1967, p. 171; Cobb, 1972b; 1978b, p. 98
113	Paris	55°13'N, 132°36'W	P	Vein	Au,Cu	Qz vein 1 ft wide in quartzite contains low values in Cu and Au; 115-ft tunnel driven on vein	Wright and Wright, 1908, p. 107; Cobb, 1972b; 1978b, p. 156
114	Hetta Mountain	55°12'N, 132°32'W	P	Massive	Cu	Cp and po occur as small masses in contact zone (gr-ep rock) between granodiorite body and limestone and quartzite; secondary Cu minerals at surface. Several prospects developed by short tunnels, open cuts, and surface stripping. No large deposits found. No record of production	Wright, 1908, p. 95; 1915, p. 56; Wright and Wright, 1908, p. 108; Cobb, 1972b; 1978b, p. 87

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115a-b	--	55°12'N,132°31'W 55°13'N,132°32'W location approx.	C	Lode	Au	Fifty-two lode claims in Hetta Lake/Hetta Mtn. area	U.S. Bureau of Mines, 1978b
116	Russian Bear	55°13'N, 132°34'W location approx.	P	Massive	Cu	Small contact-metamorphic Cu-deposit. Small masses of ore exposed by opencuts and trenches	Wright and Wright, 1908, p. 107-108; Cobb, 1972b; 1978b, p. 178
116	Texas	55°13'N, 132°23'W location approx.	P	Massive	Cu	Small contact-metamorphic Cu-deposit; small masses of ore exposed	Wright, 1908, p. 107-108; Cobb, 1978a, p. 206
117	--	55°13'N, 132°33'W	O	Disseminated	Mo	Mo minerals in diorite skarn	Herreid and Trible, 1973; Cobb, 1972b; 1978b, p. 243
118	Green Monster	55°15'N, 132°32'W	P	Massive; vein	Au(?),Cu,Fe, Mo,Pb	Sulfide-bearing contact metamorphic deposits consisting of small masses of magnetite and sulfides (cp, py, po, mo) along contact between lower Paleozoic limestone (with some interbedded greenschist) and an undated qz diorite stock; some surface oxidation; gangue includes ep, dp, gr, act, tr, chl, calc, qz, sp, and ph. Brooks (1902) reported $8-$10 in Au per ton; Au not mentioned in more recent references. One deposit is a narrow vein along the contact between a porphry dike and limestone about 1,000 ft from main granite mass and contains gn, py, and cp. Most of development was in early 1900's and consisted mainly of 2 tunnels, each 65 ft long. Large, exceptionally fine ep crystals have been collected from this deposit. Includes reference to (Green Monster Mtn.)	Brooks, 1902, p. 107; Wright and Wright, 1906, p. 51-52; 1908, p. 102-103; Wedow and others, 1953, p. 9, 11; Berg and Cobb, 1967, p. 171-172; Cobb, 1972b; 1978b, p. 81
119	Bruce	55°14'N, 132°37'W location approx.	P	Unknown	Cu(?)	Cu(?) prospect at Copper Mtn; some work was done in 1914	Brooks, 1915, p. 41; Cobb, 1978b, p. 26
120	Friendship	55°13'N, 132°20'W location approx.	P	Vein?	Au,Cu	Irregularly distributed bunches of cp and bn in a gangue of qz and calc along fault contact between greenstone schist and marble. Samples reported to contain as much as 26% Cu and about 0.05 oz Au per ton. Little development	Brooks, 1902, p. 87; Wright and Wright, 1906, p. 50; Berg and Cobb, 1967, p. 173; Cobb, 1972b; 1978b, p. 70
120	Research	55°13'N, 132°20'W	P(?)	Massive?	Pb,Zn	Pb-Zn claim staked on ground that may have been part of old Hope or Moonshine groups of claims. See also: Hope, Moonshine (Cholmondeley Sound)	Berg and Cobb, 1967, p. 173; Cobb, 1972b; 1978b, p. 169
121	Moonshine (Cholmondeley Sound)	55°11'N, 132°23'W location approx.	M	Vein; massive?	Ag,Cu,Pb, Zn	Vein varies from a gouge seam in schist to a body several ft wide in limestone; lode also includes a replacement deposit in limestone and schist. Deposit is mainly massive gn in qz-carbonate gangue; some py, cp and sl; high Ag values reported. Staked in 1900 and developed intermittently until 1922; several tunnels, a shaft, and a raise that did not find ore. A little ore mined in 1907 and probably some other years. Includes references to: (Chomley), Knapp	Wright, 1907a, p. 72; 1908, p. 96-97; Buddington and Chapin, 1929, p. 327; Noel, 1966, p. 54; Berg and Cobb, 1967, p. 173; Bufvers, 1967, p. 23; Cobb, 1972b; 1978b, p. 137-138
122	Ketchikan Copper Co.	55°12'N, 132°21'W	P	Vein; disseminated	Ag,Au,Cu	Mineralized zones in schist contain veins and disseminated grains of py, cp, and gn(?). Owners reported values in Cu, Au, Ag, and Pb from $2.50 to $25 and average $4-$5 per ton (Brooks, 1902), no mention of any Pb mineral. 300 ft tunnel	Brooks, 1902, p. 87-88; Berg and Cobb, 1967, p. 173; Cobb, 1972b; 1978b, p. 109

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123	Hope (Cholmondeley Sound)	55°10'N, 132°32'W location approx.	P	Massive ?	Ag,Pb,Zn	Sl, gn, ep, and gr have replaced marble and calcite lenses in schist; metallic minerals carry a small amount of Ag. Explored by shallow shaft and open cuts. No reported production or activity after 1915	Wright and Wright, 1906, p. 53-54; Buddington and Chapin, 1929, p. 367-368; Berg and Cobb, 1967, p. 173; Cobb, 1972b; 1978b, p. 91
124	Keete Inlet	55°05'N, 132°29'W location approx.	P	Disseminated; vein	Cu	Shear zone in siliceous beds in greenstone schist contains disseminated particles and lenses of cp and py; pieces of qz veins containing bn and cp on dump. Little development, no production reported	Chapin, 1916, p. 90; Berg and Cobb, 1967, p. 172; Cobb, 1972b; 1978b, p. 108
125	Marion	55°09'N, 132°29'W	P	Vein	Cu,Pb	Qz-calc vein along fault in graywacke schist contains small quantities of py, cp, and gn, no data on Ag or Au content, if any. Developed by 400 ft adit and a 50 ft winze. No record of production. Includes references to: (Nutkwa Lagoon), Nutgua Gold Mining Co.	Chapin, 1916, p. 90-91; Twenhofel and others, 1949, p. 19-21; Berg and Cobb, 1967, p. 172; Cobb, 1972b, 1978b, p. 129
126	--	55°04'N, 132°38'W location approx.	C	Lode	Barite	Lode claim near Lime Point	U.S. Bureau of Mines, 1978b
127	Lime Point	55°03'N, 132°38'W	M	Massive	Barite	Barite replacement? in limestone (interbedded with talc schist) in an irregular mass about 100 ft long and 11-40 (average 21) ft wide. Barite is about 91% $BaSO_4$; only impurity is calc. Estimated to contain about 5,000 short tons of barite. Deposit has been known since about 1914. Test shipment in 1915; other shipments reported in 1915-16. Includes reference to barite on west coast of Prince of Wales I.	Brooks, 1915, p. 43; Chapin, 1916, p. 104; 1918, p. 63, 67; Smith, 1917b, p. 26; Twenhofel and others, 1949, p. 17-19; Kaufman, 1958, p. 9; Condon, 1961, p. 88, 837; Cobb, 1978b, p. 116
128	Teresa	55°04'N, 132°38'W	P(?)	Unknown	Cu(?)	Cu claim located in 1916 a mile north of Lime Point. No other data availabe	Chapin, 1918, p. 69; Cobb, 1978b, p. 205
129	Florence	55°04'N, 132°38'W	P(?)	Unknown	Cu(?)	Cu claim a mile north of Lime Point in 1916. No other data available	Chapin, 1918, p. 69; Cobb, 1978b, p. 67
130	Copper City	55°08'N, 132°37'W	M	Massive	Ag,Au,Cu, Zn	Vein, 6 in. to 4 ft thick of nearly massive sulfide ore parallel to bedding in country rocks that vary from black slate to amphibolite schist. Post-ore diabase dikes. Ore is cp, py, sl, rare hem, in a gangue of qz, calc and ep; secondary Cu and Fe minerals in places. $3-$6 per ton in Au, $1-$3 per ton in Ag (1908 prices); 6-9% Zn. From 1904 to 1910, ore mined from shaft 300 ft deep and several levels, until a drill hole allowed salt water to enter and flood mine. Work in next few years was not productive. Includes references to Red Wing	Wright and Wright, 1906, p. 51, 53; 1908, p. 106-107; Berg and Cobb, 1967, p. 172; Bufvers, 1967, p. 21-22; Cobb, 1972b; 1978b, p. 39-40
131	Lucky Boy	55°09'N, 132°14'W	P	Vein	Ag,Au,Cu Pb,Zn	Qz-calc breccia veins 3-8 ft thick that transect foliation of schist and minor limestone contain sl, gn, cp, py and small amounts of Au and Ag. Resources of two best exposed veins are estimated to be about 8,500 tons of material containing as much as 5.23% Zn, 2.05% Pb, and smaller amounts of Cu, Au, and Ag. Development began about 1900; last reported activity, 1917. Ore exposed in outcrops, pits, and several hundred feet of workings; no known production	Brooks, 1902, p. 79; Wright and Wright, 1906, p. 54; 1908, p. 171-172; Smith, 1914, p. 79-80; Chapin, 1916, p. 81-82; Martin, 1919, p. 28; Buddington and Chapin, 1929, p. 368; Robinson and Twenhofel,1953, p. 73-78; Berg and Cobb, 1967, p. 173; Cobb, 1972b; 1978b, p. 118-119

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132	--	55°09'N, 132°13'W location approx.	C	Lode	Ag,Au,Pb	--	U.S. Bureau of Mines, 1978b
133	Croesus	55°09'N, 132°11'W location approx.	M(?)	Vein	Au,Cu	Qz veins as much as 4 ft thick contain a little Au and native Cu. Country rocks are greenstone schist and crystalline limestone. Limestone contains hem, ep, and cp; mag in schist. Discovered in 1892; no work since 1902. Samples collected in 1932 assayed low in Au. Includes reference to San Juan	Brooks, 1902, p. 85-86; Wright and Wright, 1908, p. 170-171; Berg and Cobb, 1967, p. 173-174; Bufvers, 1967, p. 24; Cobb, 1972b; 1978b, p. 50
134	Cymru (Mining Co.)	55°08'N, 132°12'W	M	Vein	Ag,Au,Cu	Four veins 1-5 ft wide in Paleozoic marble consist of py and cp in qz and calc gangue. Minimum production was 155,000 lbs Cu, 1,500 oz Ag and a little Au. Several hundred ft of underground workings; also open cuts. Discovered in 1899 and mined in 1906-07; 1915-16, and possibly other years. Includes references to: Cimru, Cymra, Excelsior, Vesta	Brooks, 1902, p. 79; 1921, p. 18; Wright, 1907a, p. 69; 1908, p. 96; Wright and Wright, 1908, p. 132-134; Noel, 1966, p. 54, 62-63; Berg and Cobb, 1967, p. 175; Bufvers, 1967, p. 27; Cobb, 1972b; 1978b, p. 52-53
135	Hula Hula	55°10'N, 132°09'W location approx.	O,P(?)	Vein	Au(?)	Wide vein of possibly auriferous qz staked in 1899. Probably the same prospect as Kid, Oregon, or Washington	Bufvers, 1967, p. 23; Cobb, 1978b, p. 94
136	Kid	55°10'N, 132°08'W location approx.	P	Vein	Au,Cu,Pb, Zn	Nearly vertical qz veins in schist intercalated with limestone contain py, cp, gn and sl; Au present. Developed by opencuts and 30 ft tunnel. Little if any work since 1901. Includes reference to Fawn	Brooks, 1902, p. 85; Wright and Wright, 1908, p. 169-170; Cobb, 1972b;1978b, p. 113
136	Oregon (Kitkun Bay)	55°10'N, 132°09'W location approx.	P(?)	Vein	Ag,Au,Cu, Zn	Qz vein crosscuts chloritic schist and contains py, cp, sl, and small amounts of Au and Ag. See also Washington	Brooks, 1902, p. 85; Wright and Wright, 1908, p. 168-169; Cobb, 1972b; 1978b, p. 154
136	Washington	55°10'N, 132°09'W location approx.	O	Vein	Ag(?),Au, Cu(?),Zn(?)	Band of brecciated limestone and schist 10 ft wide contains a network of qz veinlets with sulfides (probably cp, py, and sl) and Au (assay of $4.80 [about 0.23 oz] per ton reported in 1902)	Brooks, 1902, p. 85; Wright and Wright, 1908, p. 168-169; Cobb, 1972b; 1978b, p. 219
137	Alameda	55°10'N, 132°08'W location approx.	P(?)	Vein	Au	Qz body four ft wide said to be low in Au values. Most of qz is barren, some Fe stain, some py. Includes reference to Tomboy. See also Frisco (Kitkun Bay)	Brooks, 1902, p. 85; Wright and Wright, 1908, p. 170; Cobb, 1972b; 1978b, p. 5
137	Frisco (Kitkun Bay)	55°09'N, 132°08'W location approx.	P	Vein	Au	Vein deposit 12 ft wide carrying py and fragments of limestone and schist country rock; similar vein deposit 30 ft wide nearby; both deposits are low grade. Opened by a trench	Brooks, 1902, p. 85; Wright and Wright, 1908, p. 170; Cobb, 1972b; 1978b, p. 71

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138	Valparaiso	55°09'N, 132°05'-132°06'W	M	Vein	Ag,Au,Cu, Pb,Zn	Qz-breccia veins in limestone carry Au, py, cp, td, gn, sl and (near surface) secondary Cu and Fe minerals. Some veins bounded by faults with gouge. Calc and rarely musc in gangue. Four or more shafts and several levels to a depth of at least 400 ft; mill on property. Discovered in about 1900 and mined until about 1933 (test shipment). Mine put in shape twice since then but no production. Some of ore was very rich; some ore mined in early 1900's ran $200-$250 per ton in Au (at $20.67 an oz.) and Ag. Samples of veins and dumps taken in 1934 ran $5.50 to $42.07 per ton in Au and Ag. Includes references to: Dolomi Gold Mines, Inc., Jessie, Lakeside, Paul, Pauline, Princeton Mining and Milling Co.	Brooks, 1902, p. 82-84; Wright and Wright, 1905, p. 65; 1906, p. 43; 1908, p. 173-174; Smith, 1917b, p. 27; Berg and Cobb, 1967, p. 174; Bufvers, 1967, p. 24-26; Cobb, 1972b; 1978b, p. 214-215
139	Amazon	55°09'N, 132°03'W location approx.	P	Vein	Au	Breccia vein in calcareous schist is 5-10 ft wide and parallel to bedding; Au value reported to be about one oz per ton. About 185 ft of underground workings; no record of production; no activity since 1915	Wright and Wright, 1905, p. 65; 1908, p. 174-175; Cobb, 1972b; 1978b, p. 9
139	Golden Fleece (Mining Co.)	55°09'N, 132°03'W location approx.	M	Vein	Ag,Au	Irregular qz lenses as much as 8 or more feet wide in limestone. Post (?)-ore diabase dikes cut country rock and deposit. Several limestone caverns apparently follow the mineral deposits. Ore minerals are free Au, td, and py. Two specimens of ore contained 2.36 oz Ag and 0.05 oz Au and 9.96 oz Ag and 4.17 oz Au per ton. Mill recovery ran $40-60 per ton (prices as of about 1900). At least 600 ft of tunnels and a 400-ft raise driven. Considerable production in early 1900's and in 1920's and early 1930's. Includes reference to: Beulah, Copper Lake	Brooks, 1902, p. 81-82; Wright and Wright, 1908, p. 175-176; Berg and Cobb, 1967, p. 174; Bufvers, 1967, p. 26; Herreid, 1967, p. 13-14; Cobb, 1972b; 1978b, p. 75
139	House	55°09'N, 132°03'W location approx.	P(?)	Vein	Cu	Qz vein 1-2 ft thick in crystalline limestone contains py, cp, and td. Exposed in a small pit	Brooks, 1902, p. 82; Cobb, 1972b; 1978b, p. 93
139	Jumbo (Dolomi)	55°09'N, 132°03'W location approx.	P(?)	Vein	Ag,Au	Two-generation qz vein 2-3 feet thick in graphitic phyllite contains Au and td. Last reported assessment work in 1915. No record of production	Brooks, 1902, p. 80; Chapin, 1916, p. 81; Cobb, 1972b; 1978b, p. 102
139	Matilda	55°09'N, 132°03'W location approx.	P(?)	Vein	Au(?)	Qz vein 3 ft wide in sheared mica schist contains py and is reported to carry Au	Brooks, 1902, p. 81; Cobb, 1972b; 1978b, p. 130
139	Moonshine (Dolomi)	55°09'N, 132°03'W location approx.	P	Disseminated	Au(?),Cu	Breccia zone in limestone and schist with qz veins containing disseminated cp, td, and py. A little Au has been recovered from Fortune, Moonshine, or both. See also Fortune	Smith, 1914, p. 81; Chapin, 1916, p. 81; Cobb, 1972b; 1978b, p. 140
139	Standby	55°09'N, 132°03'W location approx.	0	Vein	Au	Qz stringers in silicified limestone carry py and free Au	Chapin, 1916, p. 81; Cobb, 1972b; 1978b, p. 194
139	Triangle No. 2	55°09'N, 132°03'W location approx.	0	Vein?	Au	Qz and calc in crystalline limestone reported to carry as much as 1.94 oz Au per ton	Brooks, 1902, p. 80; Cobb, 1972b; 1978b, p. 209
139	Welcome	55°09'N, 132°03'W location approx.	P	Vein	Au(?)	Mineralized shear zone along contact between silicified limestone and schist contains py and possibly free Au. Only development is a small pit	Brooks, 1902, p. 80; Cobb, 1972b; 1978b, p. 221

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140	Salmon	55°09'N, 132°03'W location approx.	P(?)	Vein	Au,Cu,Pb	Two different descriptions of this claim. Brooks (1902) describes a pinching qz vein in sheared crystalline limestone that carries free Au, py, and gn. Wright and Wright (1908) describe a breccia vein in greenstone schist that contains py and cp much oxidized at the surface; Au can be panned from surface material. Developed by open cuts and shallow pits	Brooks, 1902, p. 80; Wright and Wright, 1908, p. 175; Cobb, 1972b; 1978b, p. 181
141	Beauty	55°09'N, 132°03'W location approx.	P	Vein	Ag,Au,Cu	Qz vein in crystalline limestone carries td, cp, py and secondary Cu minerals. Vein 12-18 in. wide (Brooks) or 4-6 ft wide (Wright and Wright). Explored by 3 shafts between 15 and 60 ft deep and a drift connecting 2 of the shafts. No record of production. An open cut on property exposed another vein	Brooks, 1902, p. 80; Wright and Wright, 1908, p. 175; Smith, 1914, p. 81; Cobb, 1972b; 1978b, p. 14
141	Fortune	55°09'N, 132°03'W location approx.	M	Vein	Au,Cu	Qz veins in a shear zone in limestone and schist carry a little Au, cp, py, and td. Developed in a small way, about 1900, and 1922; only test shipments were made. Includes references to Fortuna	Brooks, 1902, p. 80; Wright and Wright, 1908, p. 175; Smith, 1914, p. 81; Chapin, 1916, p. 81; Brooks and Capps, 1924, p. 23; Berg and Cobb, 1967, p. 174; Cobb, 1972b; 1978b, p. 68
141	Wellfleet	55°09'N, 132°03'W location approx.	P	Vein	Au	Qz ledge 20-25 ft wide in graphitic schist contains gp and py and is said to carry about 0.15 oz Au per ton. Last reported activity was assessment work, 1915	Brooks, 1902, p. 82; Chapin, 1916, p. 81; Cobb, 1972b; 1978b, p. 222
142	Alpha	55°09'N, 132°02'W location approx.	P	Vein	Au,Cu	Qz vein as much as 5 ft wide cuts banded limestone that is schistose and folded. Vein carries py and cp and small values in Au. Developed by open cuts and a shaft 35 ft deep	Brooks, 1902, p. 82; Wright and Wright, 1908, p. 175; Cobb, 1972b; 1978b, p. 8
143	New Era	55°09'N, 132°03'W location approx.	P	Vein	Au(?)	Py-bearing qz vein 30 ft wide is crossed by an adit. No data on possible Au content	Chapin, 1916, p. 81; Cobb, 1978b, p. 148
144	Cook	55°09'N, 132°03'W location approx.	P(?)	Unknown	Au(?)	Claim near Valparaiso mine (loc. no. 138) staked, presumably for Au, in about 1915. No other data available	Chapin, 1916, p. 81; Cobb, 1978b, p. 36
145	Chicago Kid	55°09'N, 132°03'W location approx.	P	Vein	Au(?)	Shallow opening made on a 5 ft vein of brecciated limestone cemented by quartz carrying py and td. In area where most mines and prospects were for Au; this claim probably was staked as a Au prospect	Chapin, 1916, p. 81; Cobb, 1978b, p. 33
146	Home	55°09'N, 132°03'W location approx.	P	Vein	Ag(?),Au(?)	Qz vein as much as 2 ft thick cuts sheared limestone and contains py and td. No data on metal content. Only development is a pit 8 ft deep	Brooks, 1902, p. 82; Cobb, 1978b, p. 90
147	Park View	55°12'N, 132°05'W	P	Disseminated	Au(?),Cu	Mineralized zone 5 ft thick in schist contains qz and calc and disseminated cp and py; Au probably present. Average values low. Little development	Wright and Wright, 1908, p. 168; Cobb, 1972b; 1978b, p. 157
148	O.K.	55°12'N, 132°04'W location approx.	P(?)	Vein	Au(?),Cu, Pb,Zn	Qz vein 3-4 ft thick and exposed for a length of 100 ft follows contact between schist and limestone. Vein contains cp, py, sl, and small amounts of gn; reported to carry Au. Little development	Wright and Wright, 1908, p. 168; Cobb, 1972b; 1978b, p. 153

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
149	Equator	55°13'N, 132°04'W location approx.	P	Vein	Au,Cu	Qz vein 3 ft thick contains inclusions of limestone country rock, cp and py; values are essentially in Au. Property located in 1902, tunnel 50 ft long	Wright and Wright, 1908, p. 168; Cobb, 1972b; 1978b, p. 63
149	Gladstone	55°13'N, 132°04'W location approx.	P	Vein	Ag,Au,Cu	Qz-calc-gp veins in limestone and at least one diabase dike contain py, cp, and a little Au and Ag. Located in 1904; considerable prospecting but no extensive development. Only work was in early 1900's	Wright and Wright, 1908, p. 166-167; Bufvers, 1967, p. 27; Cobb, 1972b; 1978b, p. 73
149	Saco	55°13'N, 132°04'W location approx.	P	Vein	Ag,Au,Cu	Lenticular qz vein that ranges from 2 in. to 4 ft thick in talc schist. Vein contains scattered small masses of cp and py carrying small values in Au and Ag. 50 ft tunnel driven on this vertical vein	Wright and Wright, 1908, p. 168; Cobb, 1972b; 1978b, p. 179
150	Navaho	55°07'N, 132°10'W location approx.	P	Vein	Au,Cu	Qz vein in silicified porphyritic diorite (Brooks) or chloritic schist (Wright and Wright) pinches and swells to a width of 2 ft. Vein contains free Au, py and a little cp. Samples said to have assayed as much as 1.94 oz Au per ton. Tunnel driven about 80 ft in about 1900. Includes reference to Hope (Moira Sound)	Brooks, 1902, p. 78; Wright and Wright, 1908, p. 176-177; Smith, 1914, p. 82; Berg and Cobb, 1967, p. 175; Cobb, 1972b; 1978b, p. 147
151	Wednesday	55°08'N, 132°05'W location approx.	P	Vein	Au(?)	Vein (mainly calc) in schist band in crystalline limestone. Exposed in small cut. No data on metal content	Brooks, 1902, p. 83; Cobb, 1978b, p. 220
152	Westlake	55°06'N, 132°10'W location approx.	P	Vein	Au,Pb,Zn	Qz vein along and near contact between granite and schist contains Au, gn, sl and py. Two generations of qz in some veins. Most exploration was in early 1900's. Includes references to Blue Bird, Homestake, Little Annie, Little Annis, Sleepy Eye	Brooks, 1902, p. 78; Wright and Wright, 1908, p. 176; Martin, 1920, p. 28; Berg and Cobb, 1967, p. 175; Bufvers, 1967, p. 27; Cobb, 1972b; 1978b, p. 224
153	Black Point	55°03'N, 132°06'W location approx.	P	Vein?	Au(?)	Small prospect where presumed mineral occurrence was opened by vertical shaft (filled with water, 1913) and a short adit. Fragmental volcanic country rock. No data on mineralized rock, if any	Smith, 1914, p. 82; Cobb, 1978b, p. 23
154	Wakefield	55°04'N, 132°11'W location approx.	P	Massive; disseminated	Ag(?),Au(?) Cu	Lenticular mass of cp 10 ft wide in belt of mineralized schist that contains much py with qz and ep. Shaft sunk 50 ft in early 1900's. Assessment work reported as early as 1915. May be a little Au and Ag	Wright and Wright, 1906, p. 50; 1908, p. 132; Chapin, 1916, p. 90; Cobb, 1972b; 1978b, p. 217
155	Niblack (Copper Co.)	55°04'N, 132°09'W	M	Massive; disseminated	Ag,Au,Cu Pb,Zn	Ore bodies were lenticular replacement? masses of cp and py with smaller amounts of sl, gn and hem and $1.50-$2.50 per ton in Au and Ag; country rock is schistose greenstone and some qz-sericite rock; ore bodies are fault- and fold-controlled. Mine operated 1902-09. Production (based on incomplete records) was at least 1,400,000 lbs Cu, 1,100 oz Au and 15,000 oz Ag. Mine consisted of a 300 ft shaft and about a mile of underground workings	Brooks, 1902, p. 77; Wright and Wright, 1905, p. 62-63; 1906, p. 50; 1908, p. 95-96; Herreid, 1964, p. 6-9; Berg Cobb, 1967, p. 174; Cobb, 1972b; 1978a, p. 149-150

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
155	Westcott	55°04'N, 132°09'W location approx.	P(?)	Massive?; disseminated?	Cu	Body of low grade pyritic material 120 ft across containing a little cp, in a siliceous gangue; may be part of Niblack property	Chapin, 1916, p. 90; Cobb, 1972b; 1978b, p. 223
156	Edith M.	55°04'N, 132°08'W location approx.	P	Vein?; disseminated	Au(?),Cu	Mineralized zone about 1 ft wide carries py and cp and is reported to carry Au values. Another mineralized zone about 8 ft wide contains py. Country rock is greenstone schist; 20 ft tunnel was only development	Brooks, 1902, p. 77-78; Cobb, 1972b; 1978b, p. 61
156	Lookout	55°04'N, 132°08'W location approx.	P	Vein; disseminated; massive?	Ag,Au,Cu	Zones of mineralized schist with qz veins and small masses of sulfides: cv, cp, py, and Au. Samples taken across mineralized zone contained as much as 5.2% Cu, 0.20 oz Au per ton, and 2.31 oz Ag per ton. Development consisted of two tunnels with total length of 220 ft and surface excavations (1908). Only assessment work after 1901	Brooks, 1902, p. 75-77; Wright and Wright, 1908, p. 131; Berg and Cobb, 1967, p. 174; Cobb, 1972b; 1978b, p. 117
157	Dama	55°03'N, 132°07'W	P	Massive; vein	Au,Cu	Lenticular bodies of massive sulfide ore in a zone 125 ft wide in greenstone schist. Ore is mainly py, some cp; Au reported; films of native Cu along joint planes. Developments in 1903-1905 included 450 ft of tunnel, crosscuts, drifts, and a shaft 48 ft deep. Deposit is similiar to, but lower grade than Niblack; no record of production. Includes reference to Trio	Brooks, 1902, p. 77; Wright and Wright, 1908, p. 131; Twenhofel and others, 1949, p. 7-9; Herreid, 1964, p. 7; Berg and Cobb, 1967, p. 174; Cobb, 1972b; 1978b, p. 54
158	Yellowstone	55°05'N, 133°1D'W location approx.	0	Vein	Au,Cu	In 1909-10 a little work was done on auriferous cp-po veins; qz- calc gangue	Knopf, 1910a, p. 143; 1911b, p. 102; Berg and Cobb, 1967, p. 177; Bufvers, 1967, p. 20; Cobb, 1972b; 1978b, p. 225
159	Moonshine (Dall Island)	55°06'N, 133°07'W location approx.	P	Unknown	Ag(?),Pb(?)	Prospecting said to have disclosed argentiferous gn; too little work to determine size or grade	Smith, 1914, p. 92; Berg and Cobb, 1967, p. 177; Cobb, 1972b; 1978b, p. 139
160	Miller	55°03'N, 133°06'W location approx.	P	Vein	Cu	Qz-calc veins exposed by opencuts carry cp and po. Country rock is limestone and siliceous schist	Wright, 1909, p. 83; Berg and Cobb, 1967, p. 177; Cobb, 1972b; 1978b, p. 134
160	Shellhouse	55°03'N, 133°07'W location approx.	P	Vein	Cu	Qz-calc veins in limestone and siliceous schist carry cp and po. Explored by open cuts and adit; no record of production. See also: Jumbo (Hetta Inlet), Yellowstone (claims owned by Shellhouse may have covered these properties)	Wright, 1909, p. 83; Chapin, 1918, p. 72; Berg and Cobb, 1967, p. 177; Cobb, 1972b; 1978b, p. 190
161	--	55°03'N, 133°06'W location approx.	C	Lode	Au,Cu,Pb	--	U.S. Bureau of Mines, 1978b
162	Silver Star	55°01'N, 133°04'W location approx.	P	Vein	Ag,Au,Cu Pb,Zn	Two parallel veins in limestone contain sl, cp, gn, and unknown amounts of Au and Ag. Explored by adit and 2 drifts. No record of work since 1916 or of any production	Chapin, 1918, p. 72; Berg and Cobb, 1967, p. 176-177; Cobb, 1972b; 1978b, p. 192
163	Flat Island	55°05'N, 132°42'W	M	Unknown	Au	Outcrop on beach; probably old prospect (1880's) on gold-bearing lode. Reported that too much powder was being used and most of Au was blasted into water. A few thousand dollars worth said to have been recovered	Bufvers, 1967, p. 31; Cobb, 1972b; 1978b, p. 66
164	--	55°01'N, 132°45'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978b

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
165	Gould (Sukkwan Island)	55°00'N, 132°44'W	P	Disseminated; vein	Cu	Schist, in places pyritiferous, locally in contact with granitic rock. Schist is veined with stringers of cp and po that follow and cut schistosity. A little surface exploration in 1917	Chapin, 1919, p. 88-89; Berg and Cobb, 1967, p. 176; Cobb, 1972b; 1978b, p. 79
166	--	55°47'N, 132°11'W location approx.	C	Lode	Fe	--	U.S. Bureau of Mines, 1978b
167	Union Bay	55°44'- 55°49'N, 132°00'-132°12'W	O	Stratiform; disseminated; vein	Cr,Fe,Pt V	Cretaceous zoned ultramafic complex. Concentrically zoned pipe and lopolith (dunite and peridotite in center; pyroxenite and hornblende pyroxenite on periphery); pipe is about a mile in diameter; lopolith is 5 mi by 3 mi. Intruded into gabbro that cuts folded sedimentary rocks of late Paleozoic or Mesozoic age. Mag is a primary constituent of the pyroxenite and occurs with chromite as disseminated crystals in dunite; cr also in small (measured in inches) and discontinuous stringers in dunite. Anomalous amounts of Pt-group metals with mag and cr in dunite; average contents of 0.093 ppm Pt (from hand picked cr), 0.200 ppm Pd., 0.062 ppm Rh, and 0.215 ppm Ir. Deposit estimated to contain about a billion tons of material containing 18-20% Fe and a large(?) resource of V. Inlcudes reference to (Mt. Burnett)	Buddington and Chapin, 1929, p. 351-352; Kennedy and Walton, 1946, p. 80-83; Twenhofel, 1952, p. 11; Condon, 1961, p. B35-36; Ruckmick and Noble, 1956; Noel, 1966, p. 64; Berg and Cobb, 1967, p. 183; Clark and Greenwood, 1972a, p. C159-160; 1972b, p. C21-27; Page and others, 1973, p. 540, 542-543 Fischer, 1975, p. B5; Cobb, 1972b 1978b, p. 212-213
168	--	55°46'N, 132°10'W location approx.	C	Lode	Fe	--	U.S. Bureau of Mines, 1978b
169	--	55°48'N, 132°04'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978b
170	--	55°47'N, 132°05'W location approx.	C	Lode	Fe	Twenty-five lode claims east of Mt. Burnett	U.S. Bureau of Mines, 1978b
171	--	55°46'N, 132°04'W location approx.	C	Lode	Cr	--	U.S. Bureau of Mines, 1978b
172	--	55°45'N, 132°03'W location approx.	C	Lode	Fe	Forty-seven lode claims southeast of Mt. Burnett	U.S. Bureau of Mines, 1978b
173	--	55°41'N, 132°07'W location approx.	C	Lode	Au	Eight lode claims near Bear Lake	U.S. Bureau of Mines, 1978b
174	Gold Standard	55°39'N, 132°00'W	M	Vein, placer	Au,Bi,Pb	Two sets of qz veins of different ages strike parallel to foliation of greenstone schist country rock but dip in various directions; older set follows foliation and contains most of ore. Ore is essentially auriferous qz and py; small crystals of tt in gash veins; and a little gn. Gangue is qz with considerable calc and some chl. Deposit discovered in 1897; intermittent mining until 1941. Au recovered in mill on property or from concentrates sent to smelter; sources differ by as much as 50% on gold values in concentrates. A little placer Au mined near main vein outcrop in 1913. Extensive underground workings. See also Gold Standard (no. 28 in Ketchikan quadrangle)	Brooks, 1902, p. 59-60; Wright and Wright, 1908, p. 153-155; Smith, 1914, p. 86; Bufvers, 1967, p. 6-8; Cobb, 1978 b, p. 76-77

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
175	Midnight Sun	55°39'N, 132°01'W location approx.	P	Vein	Au	Sheared qz vein carries free Au in pyrite. Country rock is greenstone schist. 15-ft open cut excavated in early 1900's	Wright and Wright, 1908, p. 155; Cobb, 1978b, p. 133
176	Puzzler	55°39'N, 132°02'W location approx.	P	Vein?; disseminated?	Au(?)	Mineralized zone in graphitic schist contains 2 systems of qz veins that probably are auriferous. Explored by tunnel and open cut. Au probably present, though not specifically reported. No data on tenor	Wright and Wright, 1908, p. 155; Cobb, 1978b, p. 166
177	Helm Bay	55°37'N, 132°00'W location approx.	M	Vein	Au	Numerous small Au-bearing qz stringers near contact between black slate and greenstone; prospecting on several claims and a little ore mined in 1929. Includes references to: Free Gold, Quartzite Ledge. See also Blue Jay (Helm Bay), Gold Standard; Helm Bay, Helm Bay King	Smith, 1914, p. 87; 1932, p. 18; 1942a, p. 19; Cobb, 1972b; 1978b, p. 85
177	Helm Bay King (Mining Co.)	55°40'N, 132°01'W(?)	M	Vein; disseminated	Au,Cu,Pb	Shear zone in greenstone containing qz gash veins and lenses that carry free Au (about 0.68 oz per ton) and rare cp and gn; pyrite cubes in wallrock. Developed by a 45-ft deep shaft, crosscuts, and trenches; mill on property. Ore zone in bottom of shaft is 8 ft wide. Active only in 1923; probably small production	Brooks, 1925, p. 15; Buddington, 1923, p. 72, 128; Berg and Cobb, 1967, p. 179; Cobb, 1972b; 1978b, p. 86
178	Hoffman	55°38'N, 132°02'W location approx.	P	Vein	Au	Py and fine Au reported in irregular vein about 5 ft thick in greenstone. Tunnel driven 21 ft in early 1900's	Wright and Wright, 1908, p. 155-156; Cobb, 1978b, p. 88
179	Blue Jay (Helm Bay)	55°39'N, 132°00'W	M	Vein?	Au	Mining reported 1938-40; may have been more recent mining. Data on mine and geologic setting is limited; generally similar to that of Gold Standard (no. 174)	Smith, 1939b, p. 22; 1942a, p. 19; Berg and Cobb, 1967, p. 179; Cobb, 1972b; 1978b, p. 24
180	Keystone	55°37'N, 132°01'W location approx.	P	Vein	Ag,Au	Wide stockworks of stringers in intensely sheared chloritic schist; much py and some Au and Ag; about 0.39 oz Au per ton. Approx. 700 ft of underground workings plus a 65 ft shaft. All work in early 1900's. No record of production	Brooks, 1902, p. 57-58; Wright and Wright, 1908, p. 157; Smith, 1914, p. 86; Bufvers, 1967, p. 8; Cobb, 1978b, p. 110
181	Melville	55°37'N, 132°02'W location approx.	M	Vein	Au(?)	Qz vein in fault that crosses slate and greenstone carries aspy. A little ore was mined from a short tunnel and by surface stripping and treated in an arrastre (on basis of this description, Au is assumed to be present)	Wright and Wright, 1908, p. 155-156; Berg and Cobb, 1967, p. 179; Cobb, 1972b; 1978b, p. 132

DIXON ENTRANCE
(latitude, 54° - 55°; longitude, 132° - 134°)

MAP NO.	NAME (S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
1	Forrester Point	54°50'N, 133°32'W	O	Disseminated; vein	Mo	Porphyry Mo deposit: Py- and Mo-bearing qz-monzonite. Location is near S. tip of Forrester Is.	Clark and others, 1971, p. 2, 7; Cobb, 1972c; 1978c, p. 11
2	Wood Cove	54°49'N, 133°31'W	O	Vein; disseminated	Cu,Mo	Porphyry Cu-Mo deposit: Veinlets and disseminations in altered porphyritic qz monzonite and granodiorite and in hornfelsed metaconglomerate contain qz, mo, cp, py, and po. No development	Clark and others, 1971, p. 2-3, 6; Cobb, 1972c; 1978c, p. 26
3	Mount Vesta	54°56'N, 132°57'W location approx.	P	Vein	Ag,Au,Cu, Pb,Zn	Td, cp, gn, and sl occur as small veinlets and seams in limestone near contact with granite; said to carry appreciable Au and Ag. Explored by opencuts and an 80 ft. tunnel in early 1900's. No recorded production. Includes reference to Mount Vista	Brooks, 1902, p. 110; Wright and Wright, 1906, p. 43-44; Berg and Cobb, 1967, p. 176; Cobb, 1972c; 1978c, p. 20
4	Lucky Strike	54°54'N, 132°56'W location approx.	P	Vein	Cu	Shear zone in schist contains cp, py, and much limonitic material; cut by qz-stringers that carry bunches of cp. Little if any development	Chapin, 1918, p. 72; Berg and Cobb, 1967, p. 176; Bufvers, 1967, p. 20; Cobb, 1972c; 1978c, p. 14
5	Lakeside	55°00'N, 132°45'W	P	Vein	Cu	Cp-bearing rock occurs in shear zones along contact between pyroxenite and greenstone; one shear zone is about 5 ft. wide, the other 2 ft. wide. Explored by a shaft 51 ft. deep and a crosscut 41 ft. long that penetrated the two shear zones. No record of any production	Chapin, 1918, p. 69; Berg and Cobb, 1967, p. 176; Cobb, 1972c; 1978c, p. 13
6	--	55°55'N, 132°48'W location approx.	C	Placer	Au	--	U.S. Bureau of Mines, 1978c
7	--	54°50'N, 132°42'W location approx.	C	Lode	Ag,Pb,Zn	Two claims on Long Island, 1942	U.S. Bureau of Mines, 1978c
8	--	54°42'N, 132°44'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978c
9a	--	54°47'N, 132°04'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978c
9b	--	54°42'N, 132°03'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978c
9c	--	54°44'N, 132°14'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978c
9d	--	54°44'N, 132°13'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978c
9e	--	54°42'N, 132°45'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978c
10	McLeod Bay	54°41'- 54°42'N, 132°11'-132°14'W location approx.	P	Vein; disseminated	Au,Cu,Pb	Many claims located on qz veins and stringers in shear zones in schist. Mainly prospected for Au with opencuts and several adits (also probably some drifting); deposits contain cp, py, gn, and a little visible Au, but as a whole are low grade. Samples collected in 1940's contained up to 0.6 oz. Au per ton, but most were leaner. Considerable development, but no production. Includes references to: Daykoo, Daykoo Harbor, Delaware, Elk, Elks Pup, Golden Chariot, McLeod, New York, No Name, Virginia, West Virginia	Chapin, 1918, p. 70-71; Berg and Cobb, 1967, p. 176; Bufvers, 1967, p. 31-32; Cobb, 1972c; 1978c, p. 17-18
11	--	54°57'N, 132°35'W location approx.	O	Lode	Au	--	U.S. Bureau of Mines, 1978c

MAP NO.	NAME (S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
12	--	54°55'N, 133°18'W location approx.	C	Lode	Cu,Fe	Sixteen lode claims	U.S. Bureau of Mines, 1978c
13	--	54°53'N, 133°20'W location approx.	C	Lode	Fe	--	U.S. Bureau of Mines, 1978c
14	--	54°53'N, 133°19'W location approx.	C	Unknown	Ag,Au,Cu	Twenty-one lode claims near Hunter Bay, 1953	U.S. Bureau of Mines, 1978c
15	--	54°52'N, 133°17'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
16	Goodhope	54°52'N, 132°17'W	P(?)	Vein	Cu,Fe	Qz veins containing irregular bunches of mag, cp, and py in volcanic rocks cut by granitic dikes. Not enough work done to determine size or grade. Includes reference to Hunter Bay	Chapin, 1916, p. 91; Berg and Cobb, 1967, p. 176; Cobb, 1972c; 1978c, p. 12
17	Ranger	54°50'N, 132°19'W	P	Vein	Cu,Fe	Qz veins carry irregular bunches of mag, cp, and py in altered volcanic rocks cut by granitic dikes. Not enough work has been done to determine size or grade of deposit. Only development is an adit 10 ft. long and some stripping to expose outcrops. Includes references to Tah Bay	Chapin, 1918, p. 67-68; Berg and Cobb, 1967, p. 176; Cobb, 1972c; 1978c, p. 23
18	Moria Sound (So. Arm)	54°56'N, 132°13'W	O	Vein	Au	Auriferous calc veins in a fault zone cutting metamorphosed volcanic rocks. Veins carry py and minor Au. Opencut 8 ft. long	MacKevett, 1963, p. 100; Berg and Cobb, 1967, p. 175; Cobb, 1972c; 1978c, p. 19
19-20, 30-32, 37,42	Bokan Mountain	54°54'- 54°57'N, 132°06'-132°11'W	M	Disseminated; vein	Be,Nb,Pb, REE, Th,U	Area (about 71 sq. mi.) largely underlain by plutonic rocks that intruded metasedimentary and metavolcanic rocks of probable Paleozoic age. Plutonic rocks range in composition from pyroxenite to peralkaline granite. Most U-Th deposits and rare-earth-bearing minerals occur in or near a 3 mi^2 boss of Jurassic peralkaline granite (Bokan Mountain Granite). U-Th mineral deposits occur as (1) concentrations of accessory minerals in peralkaline granite; (2) hydrothermal veins or replacement bodies in or near fractures (most common type); (3) disseminated primary minerals in pegmatite and aplite dikes; and (4) hydrothermal minerals in interstices of metasedimentary country rocks (one prospect only). Deposits contain U-Th minerals, rare-earth minerals, niobates and fluorite. Partial list of minerals reported is: uranothorite, uranoan thorianite, uraninite, xenotime, allanite, monazite, ellsworthite, parisite, brannerite, bastnaesite(?), py, gn, zircon, tourmaline, riebeckite, acmite, cordierite, and fluorite. Deposits discovered in 1955. Production has been about 120,000 tons of ore averaging about 1% U_3O_8; about the same amount of Th in ore was not recovered; all from Ross-Adams mine. Ross-Adams deposit is an irregular steeply dipping pipe in peralkaline granite; central zone is richest, with surrounding transitional zone grading into normal peralkaline granite. Other deposits are localized in pegmatites in central part of Bokan Mt.Granite or in veins in outer parts of granite or in adjacent country rock. Other prospects are mainly on hydrothermal veins and have not been mined. Includes references to: Kendrick Bay, I&L, Ross-Adams	Denny, 1962; MacKevett, 1963; Matzko and Freeman, 1963, p. 44-49; Finch and others, 1973, p. 461; Staatz, 1977, p. B74-B75; Cobb, 1972c; 1978c, p. 6-8

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
21	--	54°56'N, 132°11'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
22-23	--	54°55'N, 132°11'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
24	--	54°55'N, 132°12'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
25	--	54°55'N, 132°11'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
26	--	54°54'N, 132°11'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
27	--	54°55'N, 132°10'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
28	--	54°55'N, 132°09'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
29	--	54°55'N, 132°09'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
33	--	54°54'N, 132°08'W location approx.	C	Lode	U	Sixty-five lode claims on Bokan Mtn., 1968	U.S. Bureau of Mines, 1978c
34	--	54°54'N, 132°10'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
35	--	54°53'N, 132°09'W location approx.	C	Lode	Cu,RA,W	Five lode claims near Hessa Lake, 1955-56	U.S. Bureau of Mines, 1978c
36	--	54°54'N, 132°07'W location approx.	C	Lode	U	Six lode claims in Bokan area, 1956	U.S. Bureau of Mines, 1978c
38	--	54°54'N, 132°07'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
39	--	54°53'N, 132°06'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
40	--	54°53'N, 132°06'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
41	--	54°53'N, 132°05'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
43	--	54°50'N, 132°00'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
44	McLean Arm	54°49'N, 132°01'W	P(?)	Disseminated	Fe	Mag associated with hnbd-rich concentrations in diorite and qz diorite. Claim staked on magnetic anomaly in 1958. See also Polson & Ickis	MacKevett, 1963, p. 100-101; Cobb, 1972c; 1978c, p. 16
45	--	54°48'N, 132°06'W location approx.	C	Lode	Cu,Mo	General location for many lode claims, 1966-77	U.S. Bureau of Mines, 1978c
46	--	54°45'N, 132°05'W location approx.	C	Lode	Cu,Mo	--	U.S. Bureau of Mines, 1978c
47,51	Feickert	54°42'- 54°45'N, 132°05'-132°09'W	P	Vein	Cu	Cp-bearing qz veins in andesitic greenstone at one prospect (47) and in granite and qz diorite at the other prospect (51). Surface stripping, a shaft, and open cuts	Chapin, 1918, p. 67; Cobb, 1972c; 1978c, p. 10

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
48	--	54°45'N, 132°10'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978c
49	--	54°44'N, 132°13'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
50	Alice	54°43'N, 132°06'W	P	Vein	Cu	Cp occurs as irregular bunches and veinlets in limestone interbedded with andesitic greenstone. Two old shafts filled with water in 1916	Chapin, 1918, p. 67; Cobb, 1972c; 1978c, p. 5
52a-b	--	54°46'N,132°02'W; 54°47'N,132°01'W location approx.	C	Lode	Cu,Fe	Total of 34 lode claims, 1958-61, 1976-77	U.S. Bureau of Mines, 1978c
53	--	54°45'N, 132°00'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978c
54	Stonerock Bay	54°36'N, 132°00'W	P	Vein	RA,REE?	Radioactive minerals in qz-hem veins in altered andesite(?) dikes that cut syenite. Monazite questionably identified. Only exploration is a few shallow pits	MacKevett, 1963, p. 94; Berg and Cobb, 1967, p. 184; Eakins, 1975, p. 10; Cobb, 1972c; 1978c, p. 25
55	Mallard Bay	54°46'N, 132°01'W	P(?)	Disseminated?	Fe,RA	Mag in pyroxenite; highest magnetite content determined by USGS (in thin sections) was about 10% by volume; company reported much higher concentrations. Claim staked, 1958	MacKevett, 1963, p. 61,100-101; Berg and Cobb, 1967, p.76; Cobb, 1972c; 1978c, p. 15
56,57	Polson & Ickis	54°47'N, 132°01'-132°03'W	P	Vein	Au,ba?,Cu, REE	Qz-calc-barite veins follow steeply dipping faults in monzonite and carry py, cp, bn, hem, Au, and secondary Fe and Cu minerals. (Xenotime is an accessory mineral in the monzonite.) Assays of veins in two adits showed 0.4-5.7% Cu and 0.02-0.58 oz Au per ton. Total exploration amounted to about 520 ft. of underground workings and several open cuts. At Veta prospect two (now inaccessible) shafts and other workings explored a 3-ft fault zone locally carrying py, cp, bn, specular hem, and secondary Cu minerals. Includes references to: Adit, Apex, Astor, Daly-West, Hillside, Johnson and Gouley, Thompson, Veda, Veta, Wano, and prospects and occurrences of metallic commodities (other than Fe) near McLean Arm	Chapin, 1918, p. 66-67; MacKevett, 1963, p. 94-98; Berg and Cobb, 1967, p. 175; Bufvers, 1967, p. 31; Eakins, 1970, p. 9; Cobb, 1972c; 1978c, p. 21-22
58	Decker and West	54°46'N, 132°01'W location approx.	P	Unknown	Cu(?)	Reported Cu prospect near Stone Rock Bay; no reliable data	Smith, 1914, p. 83; Cobb, 1978c, p. 9
59	--	54°48'N, 132°00'W location approx.	C	Lode	Au,Cu,Pb	Ten lode claims	U.S. Bureau of Mines, 1978c
60	Spik	54°47'N, 132°05'W	P	Massive	Cu	Bn, cp, and po occur as large irregular masses in greenstone intruded by granite. Minor development only, probably in about 1915. Includes reference to Hanson	Chapin, 1918, p. 67; Buddington and Chapin, 1929, p. 323; Cobb, 1972c; 1978c, p. 24
61	--	54°46'N, 132°06'W location approx.	C	Lode	RA	Total of 98 lode claims, 1966	U.S. Bureau of Mines, 1978c
62	--	54°54'N, 132°13'W location approx.	C	Lode	RA	Total of 141 lode claims, 1960-77	U.S. Bureau of Mines, 1978c
63a-c	(a)S.W. Dall I.(Security Cove area) (b)E. cent. Long I.(Coning In. area) (c)S. Prince of Wales I.(Brownson Bay area)	(a-c)0	(a-c)Massive	(a-c)Ag,Cu, Pb,Zn	(a,b) (c)	"Significant stratabound(?) massive sulfide Cu-Pb-Zn-Ag prospects; grades of up to 1% Cu, 8% Zn, 4% Pb, and 2 oz Ag/ton reported; active claims" "Stratabound(?) massive sulfide Cu-Pb-Zn-Ag deposits; small tonnage; high-grade deposits with up to 20% Zn, 11% Pb, 1% Cu, and 4 oz Ag/ton"	Information about localities 63a-c is quoted from an unpublished 1978 report by Bear Creek Mining Company entitled "Significant mineral deposits and anomalies, southeast Alaska"

JUNEAU QUADRANGLE
(latitude 58° - 59°; longitude 134° - 136°)

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
1	Nunatak on Casement Glacier	58°58'N, 135°59'W	0	Vein	Zn	Qz-ankerite veins as much as 1 ft thick in 10-15 ft thick altered zone in thin-bedded hornfels. Selected sample of vein contained 300 ppm Zn	MacKevett, 1971, p. 54, loc. no. 3; Brew and others, 1978, p. C 349
2	Berg Mountain	58°57'N, 135°42'W	0	Disseminated?	?	Traces of yttrium in pyritic siliceous rock	Lathram and others, 1959; Berg and Cobb, 1967, p. 162; Cobb, 1972d; 1978d, p. 31
3	Berg Creek	58°58'N, 135°37'W	0	Unknown	Cr	Several(?) square mile area of Devonian and/or Silurian volcanic rocks and siliceous argillite. Stream sediment samples contain anomalous amounts of Cr (Brew and others, 1978). Stream sediment samples from tributaries along several miles of Berg Creek yielded 700 to 2,000 ppm Cr and contained cr both in magnetic and nonmagnetic fractions. Best values are from south-flowing tributary 1.5 to 2 miles west of monument boundary flowing from under a glacier whose toe is covered by a large slide. Fuschite (Cr-muscovite) also present in the area in calcareous float	MacKevett and others, 1971, p. 4, loc. E; Brew and others, 1978, p. C348
4	--	58°58'N, 135°33'W	0	Disseminated	Co,Cu	One sample of siliceous greenschist contained po, cp, and py(?). Co is a major trace constituent	Lathram and others, 1959; Berg and Cobb, 1967, p. 162; Cobb, 1972d; 1978d, p. 137
5	East of Casement Glacier	58°55'N, 135°58'W	0	Disseminated	Cu	Py occurs in altered zones 5-30 ft thick in granitic rock near contact with hornfels. Composite and grab samples of altered rock contained up to 500 ppm Cu and 5 ppm Mo	MacKevett, 1971, p. 41, loc. no. 4; Brew and others, 1978, p. C-349
6	--	58°56'N, 135°39'W	0	Unknown	Cu	Massive py- and cp-bearing boulder in glacial moraine	Lathram and others, 1959; Cobb, 1972d; 1978d, p. 139
7a-b	Mt. Young	58°54'- 58°55'N, 135°37'-135°38'W	0	Disseminated; vein	Ag,Au,Cu, Zn	Carbonaceous shale contains irregular, discontinuous pyritic Fe-stained zones. Other metamorphic rocks, including metavolcanics, are cut by mafic dikes, small granitic plutons, shear zones, and qz veins. Grab samples of sulfide-bearing metavolcanic rocks and of altered slate and hornfels yielded up to 1,500 ppm Zn and were slightly anomalous in Ag, Cr, Cu, Mo, Pb, and V. A 15-ft chip sample across one of several pyritic Fe-stained zones in carbonaceous shale yielded 0.1 ppm Au and 20 ppm Ag, as well as base-metal values. A grab sample of float from a similar zone contained 0.1 ppm Au and 50 ppm Ag	MacKevett and others, 1971, p. 41, loc. no. 1; Brew and others, 1978, p. C-348
8	Mt. Young	58°53'N, 135°34'W	0	Disseminated; vein	Ag,Cu,Zn(?)	Geologically complex area containing diverse metamorphic rocks, small granitic plutons, mafic dikes; short qz veins less than 6 in. thick; altered zones a few ft thick. Samples from veins and altered zones contained traces of cp, probably a secondary Zn mineral, and anomalous amounts of Ag	MacKevett and others, 1971, p. 41; Cobb, 1972d; 1978d, p. 99

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
9	Mt. Young	58°52'N, 135°35'W	O	Disseminated	Cu	Py and cp in cellular siliceous matrix associated with volcanic rocks	Lathram and others, 1959; Cobb, 1972d; 1978d, p. 99
10	--	58°50'N, 135°40'W	O	Vein	Cu	Veinlets of bn, secondary copper minerals, and ep associated with siliceous volcanic rocks	Lathram and others, 1959; Berg and Cobb, 1967, p. 162; Cobb, 1972d; 1978d, p. 138
11	Adams Inlet	58°52'N, 135°59'W	O	Disseminated; vein	Cu	Py, cp, and po occur along fractures in amygdaloidal basalt flows near altered basalt dikes which intrude the flows. Py, il, and mag are disseminated throughout the dikes. MacKevett (1971) reports that a grab sample from a 4-ft wide altered zone contained 1 ppm Ag, 300 ppm Co, 500 ppm Cu and 30 ppm Mo. Chip samples ranged from 150 to 300 ppm Cu and 11 to 30 ppm Mo; one sample contained 10 ppm Sn	MacKevett, 1971, p. 41-42, 73, 78, loc. no. 5; Brew and others, 1978, p. C-350; Cobb, 1972d; 1978d, p. 5
12	White Glacier	58°49'N, 135°55'W	O	Disseminated	Ag,Au,ba,Cu Zn	Probably a stratabound volcanogenic deposit in Permian andesite and associated sedimentary rocks. The volcanic rocks contain small pods and disseminations of pyrite with slightly anomalous amounts of Pb, Zn, and Au. Iron-stained zone about 8 ft thick in limestone near contact with volcanic rocks and a mafic dike is mainly pyritic chert containing cp, sl, ba, wi, strontium minerals, and traces of native Ag and Au. Chip samples across zone contained as much as 4.5% Zn, 0.19% Cu, 7 ppm Ag, 5,000 ppm Ba, and 5,000 ppm Sr	MacKevett and others, 1971, p. 42; Brew and others, 1978, p. C327-333; Cobb, 1972d; 1978d, p. 132
13	--	58°51'N, 135°27'W location approx.	C	Unknown	Cu	--	U.S. Bureau of Mines, 1978d
13a	Endicott R.	58°48'N, 135°30'W	O	Massive?	Cu,Zn	"Stratiform massive sulfide Cu-Zn deposit; active claims"	Information about this locality is quoted from a 1978 report by Bear Creek Mining Company entitled "Significant mineral deposits and anomalies, southeast Alaska"
14	--	58°53'N, 135°06'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
15	Ivanhoe	58°53'N, 135°06'W	M	Vein	Au	Mine in altered basaltic lava flows about 3000 ft from contact with qz-diorite. Operated at intervals from 1897 to 1903; by 1903, 3000 tons of ore that yielded about 340 fine oz of Au was mined from a drift and stope in a qz vein 1-9 ft (average 5 ft) thick. Mine had its own mill. Property idle after 1903. Includes reference to Mellen Mining and Manufacturing Co.	Wright and Wright, 1906, p. 33; Knopf, 1911a, p. 38-39; Berg and Cobb, 1967, p. 160; Cobb, 1972d; 1978d, p. 74
16a	Bear Creek	58°52'N, 135°05'W	M	Vein	Au,Cu	Two qz veins as much as 5 ft wide were mined in 1895-97 from drifts and stopes from a tunnel 1,100 ft long that crosscuts veins. Vein contains small amounts of py and cp. Total amount of ore mined was about 5,500 tons, mainly from Bear vein	Knopf, 1911a, p. 39-40; Cobb, 1972d; 1978d, p. 28
16b	Horrible	58°52'N, 135°05'W	M	Vein	Au	Pyritiferous qz-filled fissure vein in fine-grained diorite was mined in 1897-98 and 1901. About 73 fine oz of Au recovered from 500 tons of ore. Several hundred ft of tunnels and drifts and one or more stopes. Includes references to Portland-Alaska Gold Mining Co.	Knopf, 1911a, p. 39; Cobb, 1972d; 1978d, p. 70

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
16c	Kensington (Mining Co.)	58°52'N, 135°05'W	M	Vein	Au,Pb	Ore bodies are stockworks of qz veins in fracture zones in diorite. Kensington ore body is 80 x 160 ft, elliptical in cross-section, and was intersected by crosscut about 1,000 ft below surface. Eureka ore body intersected at 400 ft below surface. Principal sulfide is py; gn noted at one location. Mining from 1897-1904; by 1901 about 12,000 tons of ore had been mined from surface and shallow workings. In 1904 and 1911-16 a long adit was driven which undercut Eureka, Kensington and Johnson lodes; some drifts run and stopes cut; probably some production. Several unsuccessful attempts to reopen after WW II. Includes references to: Eureka, Sherman Creek. See also Johnson.	Wright and Wright, 1906, p. 32-33; Knopf, 1911a, p. 40-42; Berg and Cobb, 1967, p. 159-160; Cobb, 1972d; 1978d, p. 81-82
16d	Ophir	58°52'N, 135°05'W	P	Vein	Au	Qz fissure vein 2-6 ft thick in diorite; many vugs and cavities lined with large qz crystals. Very little py in vein. Au values not high. Several hundred feet of tunnels and drifts	Wright and Wright, 1906, p. 33; Knopf, 1911a, p. 39; Cobb, 1972d; 1978d, p. 105
16e	Seward	58°52'N, 135°05'W location approx.	P	Vein	Au(?)	Qz veins that have been prospected are reported not to carry high Au values	Wright and Wright, 1906, p. 33; Cobb, 1972d; 1978d, p. 119
17a	Johnson	58°52'N, 135°04'W	P	Vein	Au	Ore body is a stockwork of qz stringers in shattered country rock along contact between diorite and greenstone; considerable py. Sampling, mainly of material in surface cuts, indicated an ore body 1,500 ft long, 50-70 ft wide, and with a minimum average value of about 0.189 oz Au per ton. Reached by Kensington crosscut in about 1913 and explored by 1600 ft of drifts and crosscuts. See also Kensington	Wright and Wright, 1906, p. 33; Knopf, 1911a, p. 43-44; Cobb, 1972d; 1978d, p. 76
17b	Northern Bell	58°52'N, 135°04'W	M	Vein	Au	Au- and sulfide-bearing qz fissure vein between diorite and chloritic schist. Mine operated 1896-97; produced nearly 23,000 tons of ore. No data on tenor. Ore body similar to that at Comet mine	Wright and Wright, 1906, p. 32; Cobb, 1972d; 1978d, p. 102
18	Comet	58°51'N, 135°04'W	M	Vein	Au,Cu,Pb	Qz fissure veins in diorite near (but almost normal to) contact with slate and graywacke. Main vein, 2-8 ft thick, is a well-defined fissure vein, with thin diorite inclusions; ore concentrated in pockets. Veins contained py, cp, gn, and free Au. Mine operated 1894-1901; minimum (recorded) production was about 22,250 fine oz of Au from about 50,000 tons of ore. Main vein stoped from level 600 ft below surface to surface. Over a mile of underground workings. Surface work in 1930's did not result in reopening of mine	Becker, 1898, p. 62-63, 76-77; Wright and Wright, 1906, p. 32; Knopf, 1911a, p. 42-43; Smith, 1939a, p. 19; Cobb, 1972d; 1978d, p. 42-43
19	Gold King, Little Johnson, Medicine Bird	58°52'N, 135°03'W location approx.	P	Vein?	Au(?)	Group of claims above Jualin mine, at head of Johnson Creek. May have been some work in late 1890's or early 1900's	Wright and Wright, 1906, p. 34; Cobb, 1972d; 1978d, p. 60, 84, 92

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
20	--	58°52'N, 135°00'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
21	--	58°52'N, 134°59'W location approx.	C	Placer	Au	--	U.S. Bureau of Mines, 1978d
22	--	58°51'N, 135°03'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
23	Greek Boy	58°51'N, 135°00'W	P	Vein	Au?	Reports on this prospect do not agree. Knopf (1911) states that ore body is a zone of nearly solid qz veins in a border phase of qz diorite along sheared contact with altered basalt. Other, earlier reports call host rock slate along with diorite. Only metallic mineral specifically mentioned is py. Presence of Au assumed on basis of several hundred ft of underground workings that included a 700 ft tunnel	Spencer, 1906, p. 136-137; Wright and Wright, 1906, p. 32, 34; Knopf, 1911a, p. 47-48; Berg and Cobb, 1967, p. 160; Cobb, 1972d; 1978d, p. 63
24a	Indiana	58°50'N, 135°03'W	P	Vein	Au(?),Cu	Country rock is diorite, which is sheared to a greenschist. Claims located in 1896; believed to be an extension of Jualin and Comet veins. About 2800 ft of tunnels and drifts driven in 1897 and a mill built, but never used. No ore found in any workings; qz stringers near portal of one tunnel carried considerable py and a little cp	Wright and Wright, 1906, p. 34; Knopf, 1911a, p. 44; Cobb, 1972d; 1978d, p. 73
24b	Jualin	58°50'N, 135°03'W	M	Vein	Au,Cu,Pb, Zn	Ore bodies were 4 or 5 qz veins in diorite. One vein yielded about 1.5 oz Au per ton; in other veins, the ore averaged less than 0.5 ounce of Au per ton. In addition to free Au, the ore bodies contained considerable py, cp, and gn and a little sl and secondary Cu minerals. One of the principal mines in Berners Bay area during 1896-1903, 1905-08, and 1915-17. No reliable data on total production; probably about 48,375 fine oz of Au. Exclusive of stopes there were more than 18,000 ft of workings. Mine had its own mill, which burned in 1920	Wright and Wright, 1906, p.33-34; Knopf, 1911a, p. 44-47; Chapin, 1916, p. 77; Eakin, 1918b, p. 77; Mertie, 1921a, p. 107-108; Berg and Cobb, 1967, p. 159-160; Cobb, 1972d; 1978d, p. 78-79
25	--	58°50'N, 135°03'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
26	Falls	58°50'N, 135°02'W location approx.	P	Unknown	Au(?)	Group of claims near Jualin mine; some prospecting or development in or before 1905. See also Fremming	Wright and Wright, 1906, p. 34; Cobb, 1972d; 1978d, p. 55

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
26	Fremming	58°50'N, 135°02'W location approx.	P	Vein; disseminated?	Au,Cu,Pb, Zn	Approx. 6-ft wide zone of sulfide-bearing schist and qz-calc stringers contains py, cp. gn, sl, and free Au. Development consisted of shaft 85 ft deep, crosscut 360 ft long, and a short drift connecting them. No record of production	Wright and Wright, 1906, p. 34; Knopf, 1911a, p. 47; Cobb, 1972d; 1978d, p. 56
27	--	58°50'N, 135°01'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
28	Sandy Cove	58°43'N, 135°58'W	M	Vein; disseminated	Ag,Au,Cu, REE,U?,W	Qz veins 1-12 in. thick and altered zones as much as 10 ft thick in monzonite that intrudes and metamorphoses limestone. Veins contain py, cp, bn, sc, secondary Fe and Cu minerals, Au and Ag. Cp also occurs in altered zones in monzonite and in one contact metamorphic zone. Developed by tunnel 110 ft long. Samples contained as much as 0.96 oz Au and 2.4 oz Ag per ton. Test shipments of 4 tons of selected material returned 0.37 oz Au and 0.15 oz Ag per ton. Samples from altered zones near Sandy Cove contained 0.001-0.003% U_3O_8. Allanite is an accessory mineral in the igneous rock	Reed, 1938, p. 65-68; Rossman, 1963b, p. K52; MacKevett and others, 1971, p. 64-66; Brew and others, 1978, p. C327-C328, C334-C341; Cobb, 1972d; 1978d, p. 118
29	Miller Peak	58°43'N, 135°55'W	P	Vein	Ag(?),Cu	Widely-spaced qz-calc veins that apparently are conformable with bedding in limestone or marble and can be traced for hundreds of feet along strike. One vein is in the footwall of an andesite dike. Veins contain py, cp, and mal. Channel samples contained 0.42%-1.5% Cu and traces (up to 0.7 ppm) of Ag	Brew and others, 1978, p. C328, C336, C342-344
30	York Creek	58°39'N, 135°55'W	P	Vein	Cu	Fifteen widely-spaced py-rich qz veins and altered zones containing pods of py occur in hornfels. Qz veins are up to 0.5 ft wide. Fe-stained zone approx. 0.5 mile long in siliceous limestone outcrops between 400 and 700 ft elevation and contains an estimated 5-10% po. Twenty-ft long chip sample of one of the altered zones in hornfels contained 50 ppm Cu and a trace of Au. Moerlein (1968b) reports that a sample from a stained zone in limestone contained 2,260 ppm Cu and a trace Au. Four claims were staked in the vicinity between 1899 and 1904	Moerlein, 1968b; MacKevett, 1971, p. 42, 79 (loc. 8); Brew and others, 1978, p. C365-C366
31	--	58°46'N, 135°22'W location approx.	C	Lode	Ag,Au,Pb	--	U.S. Bureau of Mines, 1978d
32	William Henry Bay	58°46'N, 135°15'W	P	Vein; disseminated	Cu,Pb,REE, Th,U,Zn(?)	Veinlets in a small Tertiary qz-monzonite pluton intrusive into Paleozoic volcanic and metasedimentary rocks contain py, cp, gn, sl(?), thorianite, and euxenite (a rare earth- and uranium-bearing mineral). Explored by several pits and a diamond drill hole. Disseminated py, aspy, and cp occur in a cherty rock nearby. See also Alaska Endicott (no. 35)	Mertie, 1921a, p. 112; Lathram and others, 1959; Berg and Cobb, 1967, p. 162; Eakins, 1975, p. 12, 14-17; Cobb, 1972d; 1978d, p. 133

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
33	--	58°44'N, 135°14'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978d
34	--	58°43'N, 135°14'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978d
35	Alaska Endicott	58°42'N, 135°15'W	M	Vein	Ag,Au,Cu	Faulted qz-breccia vein about 10 ft wide pinches and swells, offset by many small-displacement faults in greenstone tuff and lava flows. Principal metallic mineral is cp accompanied by a little py and low values in Au and Ag. Workings consisted of about 2,400 ft of adits, drifts, and raises and 3 small stopes. By 1919, 200 tons of ore was mined from which a total of 48.38 oz Au and 20 oz Ag was recovered. No data on Cu returns. Mined ore probably contained at least 8% sulfides; what remains contains less than 2% sulfides. Prospecting and development took place from 1915 or 1916 to about 1923. Shipment of Cu ore in 1923 reported; no data on amount or Cu content. Includes references to: Endicott-Alaska Mining and Milling Co., Endicott (Mining and Milling Co.). See also William Henry Bay	Mertie, 1921a, p. 109-112; Twenhofel and others, 1949, p. 28-30; Berg and Cobb, 1967, p. 162; Eakins, 1975, p. 15; Cobb, 1972d; 1978d, p. 13-14
36	--	58°36'N, 135°15'W location approx.	C	Lode	Ag,Pb,Sn	--	U.S. Bureau of Mines, 1978d
37	--	58°31'N, 135°01'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
38	--	58°28'N, 135°33'W location approx.	C	Lode	Cu	Exposed diorite near peak 3051 contains approx. 2% po	Brew and others, 1978, p. C358-360
39	--	58°27'N, 135°33'W location approx.	C	Lode	Cu	G.B. group of 36 claims staked on ground north of Exray prospect (Cyprus Mining Co.)	U.S. Bureau of Mines, 1978d; Brew and others, 1978, p. C358-360
40	--	58°27'N, 135°27'W location approx.	C	Lode	Ag	--	U.S. Bureau of Mines, 1978d
41	--	58°27'N, 135°27'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
42	Exray Copper Prospect	58°26'N, 135°32'W	P	Vein	Ag,Au(?),Cu	Cp occurs in calc veins in calcareous argillite and in zones of limestone-breccia. Prospected by shallow pits. Between 1909 and 1967, various claims were staked in this area for Ag, Au, and Cu, but the presence of Au could not be verified in recent USGS and USBM investigations (Brew and others, 1978). Samples collected by USBM (Brew and others, 1978) ranged from 80 ppm to 4,300 ppm Cu across widths of one to 6 ft; trace Ag was detected in one grab sample, but Au not detected; highest Cu content was found in grab samples collected from dump	U.S. Bureau of Mines, 1978d; Brew and others, 1978, p. C358-362
43	Howard Bay	58°18'N, 135°04'W	P	Lode	Ag,Pb,Zn	Ag-Pb ore body carrying some Zn discovered in 1921. Considerable development work reported	Brooks, 1923, p. 21; Berg and Cobb, 1967, p. 162; Cobb, 1972d; 1978d, p. 71

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
44	--	58°08'N, 135°49'W location approx.	C	Lode	Fe	--	U.S. Bureau of Mines, 1978d
45	--	58°02'N, 135°31'W location approx.	C	Lode	Fe	--	U.S. Bureau of Mines, 1978d
46	--	58°45'N, 134°55'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
47	Tacoma	58°43'N, 134°54'W location approx.	O(?)	Vein	Au(?)	Qz veins in black slate contain py. No mention of Au	Chapin, 1916, p. 78; Cobb, 1978d, p. 124
48	--	58°43'N, 134°54'W location approx.	C	Lode	Au,Fe	--	U.S. Bureau of Mines, 1978d
49	Berners Bay	58°44'N, 134°56'W location approx.	P	Unknown	Au(?)	Claim on which prospecting was reported in 1905	Wright and Wright, 1906, p. 34; Cobb, 1978d, p. 32
50	Echo Cove Mining Company	58°40'N, 134°53'W location approx.	P(?)	Unknown	Au(?)	In 1940 it was reported that there was surface activity preliminary to reopening workings on several old lode claims. May refer to California (near Eagle River), Gold Standard, or both	Smith, 1942a, p. 17; Cobb, 1978d, p. 53
51	California	58°40'N, 134°53'W	P	Disseminated; vein?	Au,Pb	Mineralized schist and slate along contacts with greenstone. Ore body is 3 ft thick zone containing qz, carbonates, aspy, gl, and (presumably) Au. Lodes followed by tunnels, longest of which is 160 ft. Minor underground exploration in late 1890's and/or early 1900's	Knopf, 1912a, p. 46-47; Cobb, 1972d; 1978d, p. 38
51	Gold Standard	58°40'N, 134°53'W	P	Vein	Au,Pb	Stringer lode 2-6 ft thick in slate next to greenstone footwall contains aspy and rare gn. Samples across a width of 4.5 ft contained about 0.3 fine oz Au per ton. Deposit opened in early 1900's by tunnel 120 ft long	Knopf, 1912a, p. 46-47; Cobb, 1972d; 1978d, p. 61
52	Bessie	58°36'N, 134°52'W	P	Vein	Au,Pb,Zn	Vertical sheeted qz vein 1-5 ft thick cuts across greenstone conglomerate, contains small amounts of py, aspy, sl, gn and free Au. Traced for about 1,600 ft and opened by about 645 ft of underground workings in early 1900's. A few tons of ore was shipped for testing; no record of commercial production	Spencer, 1906, p. 133; Wright and Wright, 1906, p. 35; Knopf, 1912a, p. 48; Cobb, 1972d; 1978d, p. 33
52	Aurora Borealis	58°36'N, 134°52'W	M	Vein	Au,Pb	Qz vein as much as 3.5 ft thick in black slate country rock, near contact with greenstone and associated clastic rocks. Vein contains Au, aspy, py, and subordinate gn. Qz vein worked by two 200 ft tunnels; small mill. Production, all before 1895, was about 266 fine oz of Au. Includes references to AB and Morningstar	Knopf, 1912a, p. 47-48; Cobb, 1972d; 1978d, p. 27
53	Alaska-Washington	58°35'N, 134°51'W	P	Vein	Au,Zn	Qz fissure vein in greenstone conglomerate contains auriferous py and a little sl. Several hundred ft of underground workings driven in early 1900's. No record of production	Knopf, 1912a, p. 48-49; Cobb, 1972d; 1978d, p. 24

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
54	Mother Lode	58°34'N, 134°51'W	P	Vein; disseminated	Au(?)	Qz masses in greenstone conglomerate were exposed by open cuts. Aspy and py in altered conglomerate wallrock. No data on Au	Knopf, 1912a, p. 49; Cobb, 1972d; 1978d, p. 98
55a	Blue Jay	58°36'N, 134°49'W	P	Vein	Au	Qz-slate stringer lode; similar to Joyce-Jenson, carries about 0.33 oz Au per ton. In 1907 a 25 ft drift was driven on deposit	Wright, 1908, p. 89; Knopf, 1912a, p. 51; Cobb, 1972d; 1978d, p. 35
55b	Joyce-Jenson (-Johnson)	58°36'N, 134°49'W	P	Vein	Au	Qz stringer lode in slate is 12 ft thick, and is said to contain as much as 0.34 fine oz Au per ton. A 40-ft tunnel was driven on lode before 1910; another tunnel was driven 100 ft to undercut lode. Includes reference to Yankee Boy	Wright, 1908, p. 89; Knopf, 1912a, p. 51; Cobb, 1972d; 1978d, p. 77
55c	Maud(e) S.	58°36'N, 134°49'W	P	Vein	Au	Qz-slate stringer lode similar to that at Joyce-Jenson, carries about 0.33 oz Au per ton. In 1907 an 80-ft tunnel crosscut this 4.5 ft vein	Wright, 1908, p. 89; Knopf, 1912a, p. 51; Cobb, 1972d; 1978d, p. 90
56a	Black Chief	58°36'N, 134°48'W	P	Vein	Au(?),Pb	Qz stringers in crushed black slate in a zone 4-20 ft wide contain a little py and gn. By 1909, 180 ft (Knopf) or 312 ft (Wright) of underground workings. Presence of Au is inferred from amount of development work	Wright, 1909, p. 71; Knopf, 1912a, p. 51; Cobb, 1972d; 1978d, p. 34
56b	Cottrell-Spaulding	58°36'N, 134°48'W location approx.	P	Vein	Au	Qz(?) vein reported to be exposed over a length of 1,500 ft averages 2.5 ft wide and carries Au values. Crosscut 160 ft long undercuts vein at depth of 100 ft (1907). See also E Pluribus Unum; may be the same property	Wright, 1908, p. 89; Cobb, 1972d; 1978d, p. 44
56c	E Pluribus Unum	58°36'N, 134°48'W	P	Vein; disseminated	Au,Pb,Zn	Deposit consists of an 8-ft-thick qz stringer lode in graywacke and slate that is part of a mineralized (dissem. sulfide-bearing?) zone at least 35 ft. wide. Principal workings (1909) were on a 20-in. wide quartz vein containing aspy, gn, sl, and Au. Richest part of this vein carried 9.7-14.5 oz Au/ton for a length of 18 feet. 250-foot tunnel and 80 feet of raises. See also Cottrell-Spaulding	Knopf, 1912a, p. 50-51; Cobb, 1972d; 1978d, p. 54
57a	Cascade	58°35'N, 134°48'W	P	Vein	Au,Pb,Zn	Qz stringer lode in slate is 6 ft thick and contains aspy, gn, and sl. Au content over width of 5 ft said to average about 0.58 oz. per ton. Opened to a depth of 90 ft. by inclined shaft. All work in early 1900's	Knopf, 1912a, p. 50; Cobb, 1972d; 1978d, p. 39
57b	Dividend	58°35'N, 134°48'W	P	Vein	Au,Pb	Qz-calc stringer lode in black slate contains py, aspy, gl, and free Au across a thickness of 12 ft above a footwall of greenstone. Workings (mainly an access crosscut) total about 1,300 ft in length. No record of production	Knopf, 1912a, p. 49-50; Cobb, 1972d; 1978d, p. 45
57c	Julia	58°35'N, 134°48'W	P	Vein	Au(?)	Qz stringer lode in slate. Probably contains sulfides and Au. Little development. See also Cascade	Knopf, 1912a, p. 50; Cobb, 1972d; 1978d, p. 80
57d	Noonday	58°35'N, 134°48'W	P	Vein	Au(?)	Qz stringer lode in slate is 6 ft wide. Probably contains sulfides and Au, but not much development	Knopf, 1912a, p. 50, Cobb, 1972d; 1978d, p. 101

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57e	Rex	58°35'N, 134°48'W	M	Vein	Au	Small, irregular calc-qz vein with auriferous aspy reported to have yielded about 145 fine oz in Au in 1903	Spencer, 1906, p. 131-132; Berg and Cobb, 1967, p. 159; Cobb, 1972d; 1978d, p. 115
58	Puzzler	58°35'N, 134°47'W	P	Vein	Au(?)	Stringer lode of qz and slate 14 ft wide in Yankee Basin. Probably contains sulfides and Au. Not much development. See also Cascade	Knopf, 1912a, p. 50; Cobb, 1972d; 1978d, p. 112
59	Eagle River (Mining Co.)	58°34'N, 134°46'W	M	Vein	Au,Cu,Pb	Qz veins in shattered slate that contains a few thin sheets of mafic intrusive rock. Ore shoots average 5-15 ft wide and 25-100 ft long. Sulfides include py, po, aspy, gn, and cp; native Cu also present; most of Au is free. Ore body offset by fault zones; main vein offset several hundred ft. Deposit discovered in 1902; mining began in 1903 and continued through 1910; by 1910 more than 30,000 ft of underground workings. Adit 1800 ft long and 700 ft below old workings driven in 1911-12. Mine operated intermittently from about 1911 to 1916. Major mine in the area. Production from area was about 23,000 oz Au. Includes references to Amalga	Wright and Wright, 1906, p. 35; Knopf, 1912a, p. 44-46; Berg and Cobb, 1967, p. 158; Cobb, 1972d; 1978d, p. 49-50
60	Oleson	58°33'N, 134°46'W	0	Vein	Au(?)	Qz veins in slate along contact with volcanic rocks contain aspy crystals, commonly in rock fragments enclosed in qz. No data on Au content	Knopf, 1912a, p. 51-52; Cobb, 1972d; 1978d, p. 104
61	Mitchell and McPherson	58°33'N, 134°43'W	P	Vein?	Au,Pb	Crushed and mineralized zone 6 ft thick trends across banding of diorite gneiss; reported to carry 0.25-0.58 oz Au per ton. Sulfides (py and gn) are rare; irregularly spaced qz veinlets in a few places	Knopf, 1912a, p. 53; Berg and Cobb, 1967, p. 159; Cobb, 1972d; 1978d, p. 95
62a	St. Louis	58°32'N, 134°41'W	P(?)	Vein?	Au,Pb	Mineralized shear zone about 7 ft wide in qz-diorite gneiss. Aspy, rare py, and gn are the sulfides present; reported to average about 0.25 oz Au per ton. No record of production	Knopf, 1912a, p. 52; Berg and Cobb, 1967, p. 159; Cobb, 1972d; 1978d, p. 116
62b	Summit	58°32'N, 134°41'W location approx.	P	Vein	Au	Qz vein 6-8 in. thick and 30 ft long on surface is transverse to layering in qz-diorite gneiss. Vein carries considerable aspy, and visible free Au. Shaft sunk 30 ft on vein. No production	Knopf, 1912a, p. 52; Berg and Cobb, 1967, p. 159; Cobb, 1972d; 1978d, p. 123
63	Holland Alaska Gold Co.	58°32'N, 134°46'W location uncertain	0	Unknown	Au(?)	In 1934 considerable mining equipment was moved to this property, but there is no information about the occurrence. Location is uncertain. Name may actually refer to Eagle River or to some other mine or prospect in the area	Smith, 1936; Cobb, 1972d; 1978d, p. 68

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
65, 64	Windfall Creek	58°29'- 58°30'N, 134°40'-134°43'W	P	Vein	Au,Cu,Pb, Zn	Qz veins in schist near Smith and Heid prospect contain aspy, qn, py, sl, a little cp, and some Au. Tunnel was driven 30 ft on one lode; prospecting only. Placer Au discovered in 1882 and mined intermittently until 1906; yielded little more than wages	Spencer, 1906, p. 127-129; Wright and Wright, 1906, p. 36; Knopf, 1912a, p. 55; Cobb, 1972d; 1978d, p. 134
			M	Placer	Au		
65	Smith & Heid	58°29'N, 134°40'W	P	Vein; disseminated	Au	Qz vein and chl schist carry auriferous aspy. Country rock is mainly black, schistose graywacke. Two tunnels (aggregate length 500 ft) driven; ore was roasted and treated in an arrastre. Amount of Au recovered was probably small. Deposit located in 1893; probably no more than assessment work after 1898. See also Windfall Creek	Wright and Wright, 1906, p. 36; Knopf, 1912a, p. 55; Berg and Cobb, 1967, p. 159; Cobb, 1972d; 1978d, p. 122
66	Montana Basin	58°28'N, 134°39'W	P	Vein	Au	Stringer lodes and one or two qz veins up to 2 ft thick in schist contain a little Au	Wright and Wright, 1906, p. 36; Knopf, 1912a, p. 55; Berg and Cobb, 1967, p. 158; Cobb, 1972d; 1978d, p. 96
67	Montana Creek	58°28'N, 134°40'W location approx.	M	Placer	Au	Placer Au discovered in 1882; probably derived from qz veins in slate and/or schistose greenstone. Small-scale placer mining soon after discovery and in 1928-29	Spencer, 1906, p. 124-125; Cobb, 1972d; 1978d, p. 97
68, 69	McGinnis Creek	58°27'N, 134°37'-134°38'W	M	Placer, vein	Au	Creek rises in granite and crosses slate belt in which are probably auriferous qz veins. Placer Au mined from talus cone in gulch; Au rough and mostly fine. Mining began in 1903 and ended in 1905. Assessment work (probably on lode claims) 1906-07	Spencer, 1906, p. 123-124; Wright and Wright, 1906, p. 36; Wright, 1908, p. 88; Cobb, 1972d; 1978d, p. 91
70	Peterson	58°26'N, 134°43'W	M	Vein	Au	Large tabular masses of qz, some with stringers extending into the country rock, contain aspy and free Au; several hundred tons of ore was said to average about 0.3 oz Au per ton. Claims staked about 1897; worked on a small scale intermittently until at least 1922. Amount of production unknown. Includes references to: Prairie (near Eagle River), Peterson Creek	Knopf, 1912a, p. 53-54; Mertie, 1921a, p. 109; Berg and Cobb, 1967, p. 159; Cobb, 1972d; 1978d, p. 109-110
71	Mendenhall	58°26'N, 134°35'W	P	Vein; disseminated	Au,Pb	Qz veinlets in interbedded slate and green chloritic schist contain sparse po, aspy, and gn; slate also contains aspy crystals. Nearby mafic dike 100 ft wide is cut irregularly by albite-calc veinlets with a little po; free Au can be panned from this rock. Development consists of open cut 30 ft wide and crosscut tunnel 85 ft long	Knopf, 1912a, p. 49-60; Cobb, 1972d; 1978d, p. 93
72	Treasury Hill	58°25'N, 134°40'W	P	Vein; disseminated	Au	Ore body up to 50 ft wide is in an altered gabbroic dike in slate and greenstone. Dike cut by aspy-bearing transverse qz veins; wallrock also contains aspy crystals and grains of po. Apparently barren vein material contains as much as 0.145 oz Au per ton. Elsewhere on property are large qz masses that contain Au and minor amounts of aspy and py. All work probably occurred in 1909	Knopf, 1912a, p. 55-58; Cobb, 1972d; 1978d, p. 129

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73	Dull and Stephens	58°24'N, 134°38'W	P	Vein; disseminated	Au	Irregular masses of qz in altered volcanic breccia exposed by sluicing off 4-8 ft of glacial till overburden; several oz of Au were recovered. A little py and aspy in country rock next to qz masses	Knopf, 1912a, p. 58; Berg, and Cobb, 1967, p. 159; Cobb, 1972d; 1978d, p. 48
74	Auke Bay	58°23'-58°24'N, 134°38'W location approx.	P	Unknown	Au(?)	Development reported in 1913 and 1915. May refer to work at Oull and Stephens, Treasury Hill, or Winn	Brooks, 1914, p. 59; Chapin, 1916, p. 78; Martin, 1920, p. 30; Cobb, 1978d, p. 26
75	Winn	58°23'N, 134°38'W	P	Vein; disseminated	Au(?)	Qz-albite-carbonate veinlets cut an altered dike which, near the veinlets, is impregnated with py and aspy. Propsect was located in 1882. Exploration work consists of a 20 ft tunnel. No data on Au content	Knopf, 1912a, p. 59; Cobb, 1972d; 1978d, p. 135
76	Nugget Creek	58°26'N, 134°29'W	P	Placer	Au	Small Au nuggets found in shallow gravels. Not mined, but there was annual assessment work for several years. Preparation for installing hydraulic plant, 1911	Spencer, 1906, p. 120-121; Brooks, 1912, p. 36; Cobb, 1972d; 1978d, p. 103
77, 78, 79	Lemon Creek	58°22'- 58°24'N, 134°24'-134°28'W	M	Placer, (vein)	Au, (Cu,Pb,Zn)	In early 1900's there was a little placer mining of gravel on glacial clay in a bedrock-dammed basin. Two narrow qz veins in a gneissic diorite dike contain po, gn, sl, and cp	Spencer, 1906, p. 118-120; Wright and Wright, 1906, p. 37; Berg and Cobb, 1967, p. 155; Cobb, 1972d; 1978d, p. 83
80	Clark (Lemon Creek)	58°22'N, 134°26'W	P	Vein	Au,Cu	Qz vein in black slate cut by altered gabbro dikes. Qz veins as much as 3-4 ft thick contain po, and a little cp; highest Au values no more than about 0.05 oz per ton. Vein on which the most work was done was exposed for a horizontal distance of more than 200 ft and a vertical distance of about 100 ft	Spencer, 1906, p. 118; Cobb, 1972d; 1978d, p. 41
81	--	58°23'N, 134°28'W location approx.	C	Placer	Au,Zr	--	U.S. Bureau of Mines, 1978d
82	--	58°20'N, 134°35'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
83	Doran	58°20'N, 134°28'W	P	Vein	Au(?)	Shattered, sheared and altered albite diorite dike is traversed by oyritic qz-albite-carbonate veinlets. No data on valuable mineral content, if any. 130 ft of tunnel and drift	Knopf, 1912a, p. 60; Cobb, 1972d; 1978d, p. 46
84	Salmon Creek	58°20'N, 134°28'W location approx.	P	Placer	Au(?)	Abandoned placer workings in lower part of stream course. No data on presence of Au	Spencer, 1906, p. 116; Cobb, 1978d, p. 117
85	Wagner	58°20'N, 134°28'W	M(?)	Vein	Au,Cu,Pb, Zn	At least one vein 8 ft thick between slate and a greenstone dike contains qz, carbonate, albite, mica, rt aspy, py, cp, sl, gn, and td. No data on Au content. 1,150 ft of underground development, small mill, and statement that owners (as of about 1903) seemed pleased with tests. Last reported work in 1914. May have been minor production, but not definitely stated. Includes references to: Salmon Creek, lodes at mouth of Salmon Creek	Spencer, 1906, p. 117; Eakin, 1915, p. 101; Cobb, 1972d; 1978d, p. 131

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86	--	58°20'N, 134°25'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
87	Hallam	58°19'N, 134°24'W	P	Vein	Au	Free Au in qz veins in black slate with dioritic dikes between greenstone footwall and schistose hanging wall. Claims located in 1901-02; prospecting and sampling until 1909 and in 1931. No recorded production. Includes references to Dora. See also Alaska-Juneau, which held option in 1931	Spencer, 1906, p. 63-66; Knopf, 1910a, p. 135; Smith, 1933b, p. 14; Cobb, 1972d, 1978d, p. 65
88	Boston	58°18'N, 134°25'W	P	Disseminated	Au	Mineralized albite diorite dike 50 ft (Wright) or 100 ft (Knopf) thick constitutes very low-grade Au ore. Development in 1905-06 consisted of shaft 118 ft deep and 500 ft of drifts and crosscuts. More work reported in 1914. No record of production	Wright, 1907a, p. 55; Knopf, 1912a, p. 27-28; Cobb, 1972d; 1978d, p. 36
89	--	58°19'N, 134°28'W location approx.	C	Placer	Au	--	U.S. Bureau of Mines, 1978d
90	--	58°18'N, 134°26'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
91	--	58°17'N, 134°25'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
92	--	58°17'N, 134°25'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
93	--	58°17'N, 134°24'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
94	--	58°16'N, 134°23'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
95	--	58°16'N, 134°23'W	C	Placer	Au	--	U.S. Bureau of Mines, 1978d
96	Douglas Mining Co.	58°16'N, 134°25'W	P	Vein; disseminated?	Au,Cu,Zn	Glassy qz (-calc) stringers in altered sheared diorite dike about 70 ft thick in black slate. Stringers and probably diorite contain sparsely disseminated cp, py, and sl. Tunnel 120 ft long. Diorite in tunnel reported to have average assay value of about 0.17 oz Au per ton	Buddington, 1926, p. 50; Cobb, 1972d; 1978d, p. 47
97	Jersey	58°16'N, 134°24'W	P	Disseminated?; vein?	Au	Bedrock is greenschist interbedded with thin bands of slate, with locally abundant metallic sulfides. Encouraging assays reported from material encountered in shaft, and from crosscut driven on one of the richer areas of sulfide mineralization. Prospecting only, 1914 and 1916	Eakin, 1915, p. 98; Cobb, 1972d; 1978d, p. 75
98	--	58°15'N, 134°23'W location approx.	O	Lode	Au	--	U.S. Bureau of Mines, 1978d

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99	Yakima	58°15'N, 134°43'W	P	Disseminated	Au(?),Pb, Zn	Country rocks are alternating beds of slate and greenstone, and sericite schist that contains considerable qz and calc and much disseminated py. Pyritic zone is at least 300 ft wide and a mile long. Gn and sl in material on dump. Several hundred feet of underground workings excavated during prospecting in 1903 or earlier, but no recorded production. No data on possible Au content.	Spencer,1906, p. 92; Cobb, 1978d, p. 136
100-101	Treadwell Mines	58°15'- 58°16'N, 134°21'-134°22'W	M	Vein; disseminated	Ag,Au,Cu, Pb,Mo,W,Zn	Ore deposits consisted of Au and sulfide-bearing qz and qz-calc veins in shattered albite-diorite sill in sequence of slate below a greenstone hanging wall; slate inclusions in veins also mineralized. Metallic minerals in ore include free Au, py, po, mag, mo, cp, gn, sl, td, native As, rg, op, and (from heavy-mineral concentrate from tailings) sc. Mineralized zone was at least 3,500 ft long and extended beneath Gastineau Channel. Four mines, all under the same management and interconnected underground, mined the deposit; workings more than 2000 ft deep; glory holes in early stages of mining. Deposits discovered in 1881; a little placer mining at first; lode mining began in 1882 and continued until 1922; 3 of the mines caved and were flooded in 1917. Total lode production, 1882-1922, was $67.5 million from milling 28.8 million tons of ore. Breakdown of production into Au, Ag and Pb is not available. Property sold to Alaska-Juneau Mining Co. in 1928. Includes references to: Alaska Mexican (Gold Mining Co.), Alaska Treadwell (Gold Mining Co.), Alaska United (Gold Mining Co.), Mexican, Ready Bullion, Seven Hundred Foot, Treadwell	Becker, 1898, p. 10; Spencer, 1904, p. 29-30; Spencer, 1905b, p. 69-87; Eakin, 1918a, p. 77-79; Buddington and Chapin, 1929, p. 319; Bain, 1946, p. 12-14; West and Benson, 1955, p. 53; Berg and Cobb, 1967, p. 154-155; U.S. Bureau of Mines, 1967, p. 6-7; Cobb, 1972d; 1978d, p. 125-128
102-104	Alaska-Juneau (area)	58°18'- 58°19'N, 134°20'-134°22'W	M			Lode system is a network of qz veins from a few in.to 2-3 ft thick in footwall of Perseverance Slate near intrusive metagabbro sills, and in the sills (Herreid considers possibility that sills are tuff beds altered to amphibolite). In addition to Au, veins carry py, po, aspy, gn, sl, cp, and considerable Ag. Veins are most abundant near ends of sills where they interfinger with slate. Lode system is about 300 ft wide and 3.5 mi. long; divided into two sections by Silverbow fault; Ebner and Alaska-Juneau North Ore Body north of fault, Perserverence and Alaska-Juneau South Ore Body south of fault. Deposit discovered and staked in 1880. Some early production from residual placers on outcrops of lode. Developed as a large-volume, low-grade mine; miles of underground workings; glory holes. Veins did not have enough continuity to mine individually. Mill practice involved hand sorting of ore before milling. Production from Ebner 1880-1924 was about 29,000 oz. Au; from Perserverance 1895-1921 was more than 500,900 oz. Au, plus some Ag, Pb, and Zn. In 1924, Alaska-Juneau began operating adjoining Ebner mine on royalty basis; took over adjoining Perserverance mine in 1934; both mined through Alaska-Juneau workings. Alaska-Juneau closed in 1944; total production from mining, 1893-1944 (including that from Ebner and Perserverance after they were connected to Alaska-Juneau) and a little clean-up operations of mill after mine closed was 2.9 million oz. Au, 1.9 million oz. Ag, and 40.2 million lb. Pb from 88.5 million tons of ore, of which 47.2 million tons were milled. Includes references to: Alaska-Ebner, Alaska-Gastineau, Alaska Mining and Power Co., Alaska Perserverance, Bennet, Lane and Hayward, Taku (Mining and Milling Co.)	Herreid, 1962, p. 64-65; Spencer, 1906, p. 58-59, 68-69, 73-74; Smith, 1944, p. 8-9; Twenhofel, 1952; Cobb, 1972d, 1978d, p. 15-19, 51-52, 64, 7 107-108
102	Ebner Humboldt		M M	Vein	Au,Cu,Pb,Zn Au		
103	Alaska-Juneau		M	Vein	Ag,Au,Cu, Pb,Zn		
104	Groundhog Perseverance		M M	Vein	Au, Ag,Au,Pb,Zn		

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
105-107	Gold Creek	58°18'- 58°19'N 134°20'-134°22'W	M	Placer	Au	Placers in basin were residual on lodes, eluvial and stream placers in bedrock basins. Basins (mainly Silverbow Basin at head of creek) mined by draining them through sluice boxes in tunnels. Au discovered in 1880; placer mining on a large scale to 1902 or 1903 and intermittently until 1940. Total Au production was about 63,280 fine oz. Silverbow and Last Chance Basins accounted for most of the production. Includes references to: Jualpa Mining Co., Last Chance Basin, Little Basin, Middle Flat, Nowell, Silverbow Basin, Silver Bow (Hydraulic) Mines Co.	Becker, 1898, p. 71-72; Spencer, 1906, p. 2-3; Cobb, 1972; 1973, p. 103; 1978d, p. 57-58
108	Alaska-Juneau Dump	58°17'N, 134°22'W	P	Placer	Au,Pb,W, Zn	Heavy minerals in sluice-box concentrate included sl, gn, Au and sc. A little Au has been sluiced from tailings	West and Benson, 1955, p. 53; Cobb, 1972d; 1973, p. 103; 1978d, p. 20
109	--	58°19'N, 134°20'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
110	Lurvey	58°18'N, 134°20'W	M	Placer	Au	Auriferous gravel filling small lake. Talus above old lake was rich enough to have been sluiced. Lake gravels were sluiced through a tunnel in 1889 with unsatisfactory results	Spencer, 1906, p. 80; Cobb, 1972d; 1978d, p. 85
111	Clark (Carlson Creek)	58°20'N, 134°16'W location approx.	P	Vein	Au,Ag,Pb, Sb,Zn	Qz veins in breccia zones in schist and pegmatite injection gneiss contain sparse sulfides, including py, sb, aspy, sl, and gn. Samples (probably selected) contained from 0.12 to 1.03 oz Au per ton; one sample of vein material with sb contained 4.25 oz Ag per ton. Explored by surface stripping of overburden and driving a tunnel 150 ft long	Buddington, 1926, p. 50-52; Buddington and Chapin, 1929, p. 331; Berg and Cobb, 1967, p. 155; Cobb, 1972d; 1978d, p. 40
112	Bull Consolidated	58°18'N, 134°19'W location approx.	P	Vein?	Au	Small ledge of rich ore at head of Gold Creek staked in 1905. A few sacks of ore removed for testing, but no other development	Wright and Wright, 1906, p. 38; Cobb, 1972d; 1978d, p. 37
113	Lurvey Creek	58°17'N, 134°20'W	O	Placer	Au	Gravel in cirque basin presumably contains Au; has not been tested	Spencer, 1906, p. 79-80; Cobb, 1972d; 1978d, p. 86
114	Silver Queen	58°17'N, 134°19'W	M	Vein	Ag,Au,Cu, Pb,Sb,Zn	Several qz veins in black slate, in a zone about 400 ft wide, are near but slightly divergent in attitude from a footwall of greenstone. Veins are as much as 12 ft thick; principal veins are lenticular and overlap. Metallic minerals in veins include py, argentiferous gn, sl, cp, po, aspy, td, pyrt, native Ag, and sb. Ore averaged about $40 a ton (prices as of about 1895) with greater values in Ag than Au. About 7,500 ft of underground workings and stopes. Production was equivalent to about 22,500 fine oz Au. Claims located in 1887-88; last report of mining was in 1903. Map coordinates are for main workings. Includes references to Ascension, Glacier, Ibex, Queen	Becker, 1898, p. 62-63;73-75; Spencer, 1906, p. 4, 50-55; Cobb, 1972d; 1978d, p. 120-121

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
115	--	58°17'N, 134°21'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
116	--	58°16'N, 134°20'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
117	--	58°16'N, 134°20'W location approx.	C	Lode	Ag,Au	--	U.S. Bureau of Mines, 1978d
118	--	58°16'N, 134°19'W location approx.	C	Placer	Ag,Au	--	U.S. Bureau of Mines, 1978d
119	Anderson	58°17'N, 134°18'W	P(?)	Vein	Ag,Au,Pb, Zn	Qz veins 2-4 ft thick and qz stringers in black slate contain py, sl, and gn. Adjoins Silver Queen Mine; Au and Ag probably present, but no data on tenor. Tunnels 40-50 ft long driven on two veins	Spencer, 1906, p. 55; Cobb, 1972d; 1978d, p. 25
120	Gould & Curry	58°17'N, 134°16'W	M	Vein; disseminated?	Au,Cu,Zn	Three qz veins about 15 in. thick in schistose rock apparently of igneous origin; other country rock includes black slate. Veins contain sl, po, py, and free Au. Cp reported may not be in veins, but in black sl. Ore bodies apparently too small for sustained mining. Production in 1895 was reported as about 1,250 fine oz Au	Becker, 1898, p. 62-63; Spencer, 1906, p. 36, 49-50; Cobb, 1972d; 1978d, p. 62
121	Golden Treasure	58°16'N, 134°15'W location approx.	P(?)	Vein?	Au(?)	Group of claims in Sheep Creek drainage. Probably was no production and possibly no work	Wright and Wright, 1906, p. 38; Cobb, 1978d, p. 59
122	Reagan	58°16'N, 134°17'W	P	Vein	Ag,Au,Cu, Pb,Zn	Qz vein in black slate; in places, gouge along walls. Sulfides reported are gn, sl, cp, py, and td. Electrum (Au-Ag alloy) in seams and fractures. Several hundred ft of workings prior to 1903. Some ore on dump, but no commercial shipments as of 1903. Includes references to Regan	Spencer, 1906, p. 56; Cobb, 1972d; 1978d, p. 113
123	Nelson-Lott	58°16'N, 134°16'W	P	Vein?	Au	Prospecting, including an adit driven 1,200 ft, 1915-16. Includes references to Alaska Gold Belt, Gold Belt. This property may also have been known by other names	Smith, 1917a, p. 32; Eakin, 1918a, p. 77; Cobb, 1972d; 1978d, p. 100
124	Alaska-Taku	58°16'N, 134°15'W location approx.	P	Vein	Au(?)	43 lode claims and 8 mill sites located and development began in 1915. Deposits said to be stringer lodes, similar to Perseverance lode. No other data	Chapin, 1916, p. 76; Cobb, 1978d, p. 21
125	Middle Peak	58°15'N, 134°15'W	O	Vein	Cu,Pb	Py, cp, and secondary Cu minerals in qz veins in volcanic rocks; gn nearby	Lathram and others, 1959; Cobb, 1972d; 1978d, p. 94
126	--	58°14'- 58°16'N, 134°12'-134°14'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
127	--	58°13'N, 134°11'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
128	Penn-Alaska	58°12'N, 134°10'W	P	Lode	Au(?)	Qz claims near Taku Inlet; some work in 1914. Au probably present	Eakin, 1915, p. 102; Chapin, 1916, p. 76; Cobb, 1972d; 1978d, p. 106

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
129	Alaska Treasure	58°13'N, 134°20'W	M	Vein; disseminated; massive?	Au,Cu,Pb, Zn	Country rock is greenstone and greenschist with some intercalated slate. Ore is in narrow bands and consists of qz and calc veinlets, auriferous py, cp, gn, sl, and td(?). Deposit is part of a mineralized and altered area 1 mi wide and 1.5 mi long; ore zone is 90 ft wide and traceable on surface for 2,000 ft. As of 1914 there were 3,650 ft of underground workings, 365 ft of which were in ore. Mill test of one ton of picked ore indicated about 0.34 oz. Au per ton. Little if any work after 1916. Production not known, but probably small; mine had its own mill. Includes references to: Alaska Consolidated Mining Co., Alaska Treasure Consolidated Mines Co., Nevada Creek	Spencer, 1906, p. 92-93; Wright and Wright, 1906, p. 39-40; Eakin, 1915, p. 96-98; Brew and Ford, 1969b; Cobb, 1972d; 1978d, p. 22-23
130	Red Diamond	58°13'N, 134°21'W location approx.	P	Disseminated; vein	Au	Band of altered schist up to 36 ft wide between narrow gouge zones contains disseminated py and qz stringers explored by a tunnel 120 ft long. Parallel similar zone is wider, but lower grade. No work since 1906. Wording from one reference implies that some Au is present	Wright and Wright, 1906, p. 39-40; Wright, 1907a, p. 54; Cobb, 1978d, p. 114
131	Mammoth (Douglas Is.)	58°13'N, 134°21'W location approx.	P	Vein; disseminated	Au(?)	Py and qz stringers in 2 bands of bleached schist in which crosscuts were driven. Country rock is greenstone and greenschist with intercalated bands of slate	Wright and Wright, 1906, p. 39-40; Cobb, 1978d, p. 88
132	Portage	58°17'N, 134°51'W location approx.	P	Vein	Au,Cu,Pb	Lenticular qz masses in slate carry cp, py, and small amounts of gn. Assays indicate low values in Au. Exploration was by a small shaft and opencuts. Tunnel driven to undercut lode, did not reach it. Deposit reportedly is similar to that at Mammoth (Admiralty Island). No work reported after 1908. See also Mammoth (Admiralty Island)	Wright, 1906, p. 148, 150; Berg and Cobb, 1967, p. 140; Race and Rose, 1967, p. 19; Cobb, 1972d; 1978d, p. 111
133	Bear Creek	58°15'N, 134°47'W	P	Vein	Asbestos	Tremolite asbestos (not chrysotile as reported by Smith) occurs in amphibolite schist. Brittle fibers that do not separate well are 18 in. long; material is weathered; fresh material might be better grade. A few veins of cross-fiber asbestos 0.75 in. wide and 6-8 in. long may be of better quality. Prospecting in 1928 and possibily 1929	Smith, 1930b, p. 71-72; Twenhofel and others, 1959, p. 34-37; Cobb, 1978d, p. 29
134	--	58°16'N, 134°49'W location approx.	P	Placer	Au	--	U.S. Bureau of Mines, 1978d
135	Mansfield Gold Mining Company	58°16'N, 134°51'W location approx.	P	Vein	Cu,Pb,Zn	Qz veins 3-6 ft wide in schist contain considerable cp, po and some gn and sl. Main vein exposed by 20 ft tunnel and surface prospecting before about 1916. No data on possible precious metal content. No record of production. Includes reference to Seattle	Wright, 1907a, p. 59; 1909, p. 72; Berg and Cobb, 1967, p. 140; Cobb, 1972d; 1978d, p. 89

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
136	--	58°14'N, 134°54'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
137	Admiralty-Alaska	58°13'- 58°15'N, 134°50'-134°54'W	M	(A) Vein; (B) Stratiform	Au,Co,Cu, Mo(?), Ni, Pb,Zn	(A) Qz veins, mainly near sea level, in schist, phyllite, and other metamorphic rocks. Mining began before 1896 and (with neighboring Alaska-Dano and Hawk Inlet properties) accounted for 10,000-15,000 fine oz of Au. Minerals in veins included free Au, py, po, gn, sl, and cp; mo sample sent to USGS by owner probably did not come from this property. (B) Gabbro pipe intrudes qz-mica schist that is metamorphosed 50-150 ft from contact. Po, pent, and cp are concentrated in olivine-hnbd gabbro in the keel of the pipe; other gabbro and norite contain much less sulfide. Extensively explored by crosscuts and drill holes. Resource is 500,000-600,000 tons of material containing 0.33%-1.0% each of Cu and Ni. A little Co (Ni/Co ratio 3.1-6.1) present. Includes references to: Boston and Alaska Co., Funter Bay, Mertie Lode, Pekovich, Tellurium, Willoughby	Becker, 1898, p. 62-63, 77-78; Buddington, 1926, p. 41-46; Reed, 1942, p. 349-361; Holt and Moss, 1946; Barker, 1963, p. 1-10; Berg and Cobb, 1967, p. 137, 140; Cobb, 1972d; 1978d, p. 6-10
138	Alaska Dano	58°12'- 58°14'N, 134°52'-134°54'W	M	Vein	Ag,Au,Cu, Pb,Zn(?)	Abundant qz fissure veins in mica and chloritic schists contain py, po, gn, cp, secondary Fe and Cu minerals, and free Au; some assays indicate high Ag values. One reference reports sl. Deposits discovered and development began prior to 1900. By 1900 there were two shafts (about 50 ft and 125 ft deep) and 320 ft of drifts; hand sorted ore that was mined is said to have run about 4.85 oz Au per ton. Later subsurface exploration amounted to about 265 ft of tunnels; production was 2 small shipments that contained about 5.8 and 3.9 oz Au per ton. Total production probably no more than 100 oz of Au. Includes references to: Nowell-Otterson, Otterson, War Horse	Becker, 1898, p. 62-63; Mertie, 1921a, p. 113, 116-118; Cobb, 1972d; 1978d, p. 12
139	--	58°12'N, 134°44'W location approx.	C	Placer	Au	--	U.S. Bureau of Mines, 1978d
140	--	58°11'N, 134°45'W location approx.	C	Placer	Au	--	U.S. Bureau of Mines, 1978d
141	--	58°11'N, 134°45'W location approx.	C	Placer	Au	--	U.S. Bureau of Mines, 1978d
142	--	58°11'N, 134°46'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d
143	--	58°10'N, 134°45'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978d

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
144	Hawk Inlet	50°10'-58°14'N, 134°46'-134°50'W	M	Vein	Ag,Au,Cu Pb,Zn	Qz fissure veins traceable for 500 ft or more and as much as 50 ft wide occur in qz-mica schist and phyllite country rock. Veins carry Au, Ag, py, gn, sl, and cp. Developed by several hundred ft of underground workings and many trenches. Some assays indicated values in Au and Ag of $12 per ton (1926 values). Property intermittently active from 1923 to 1940. Production amounted to more than $200,000. Includes references to Alaska Empire Gold Mining Co., Williams (Mining Co.)	Buddington, 1926, p. 41-44, 47-50; Race and Rose, 1967, p. 14-15, 20; Cobb, 1972d; 1978d, p. 66-67
145	Mammoth (Admiralty Island)	58°07'N, 134°39'W	P	Disseminated; massive?; vein	Ag,Au,Pb, Zn	Schist impregnated with py across a width of several hundred ft is traversed by narrow seams of gn and sl; some free Au. High Au and Ag assays reported. Qz-filled fissures do not seem to be important. Developed by a 165 ft tunnel and many pits and trenches. No production. Apparently no work since about 1908	Wright and Wright, 1905, p. 55-56; Wright, 1906, p. 15D; Race and Rose, 1967, p. 19; Cobb, 1972d; 1978d, p. 87
145a	Greens Creek ("Big Sore")	58°04'N, 134°37'W	P	Stratiform: massive, disseminated, vein	Ag,Au,Cu, Pb,Zn	Stratabound volcanogenic massive sulfide deposit in possibly Upper Triassic felsic metatuff. Sulfides include pyrite, pyrrhotite(?), sphalerite, galena, chalcopyrite. Deposits range from 0.5 ft thick Ag- and Au-rich zones to 90 ft thick basemetal zones. Completed or planned workings include a 4,300 foot exploration adit and 33,000 feet of diamond drilling. According to company reports (1979) drilling has delineated 5 ore pods containing 2.1 million tons of indicated reserves whose average grade is 0.41% Cu, 3.29% Pb, 10.04% Zn, 9.46 oz Ag/ton, and 0.13 oz Au/ton	Dunbier and others, 1979
146	--	58°02'N, 134°48'W	O	Disseminated	Cr,Ni	Disseminated sulfide and oxide minerals in altered (serpentinized) ultramafic sill	Lathram, Pomeroy, and others, 1965, p. R44, sample #6; Cobb, 1972d
147	--	58°04'N, 134°27'W	P	Vein	REE	X-ray spectrographic analysis of heavy minerals from pegmatite veins shows Ce, La, Nd, Nb, Pr, Th(?), Y, Zr	Lathram and others, 1959; Berg, 1960, p. B38; Cobb, 1972d; 1978d, p. 140
148	--	58°05'N, 134°01'W location approx.	C	Placer	Au	--	U.S. Bureau of Mines, 1978d
149	--	58°05'N, 134°01'W location approx.	C	Lode	Fe	--	U.S. Bureau of Mines, 1978d
150	--	58°05'N, 134°00'W location approx.	C	Placer	Au	--	U.S. Bureau of Mines, 1978d
151	--	58°05'N, 134°02'W location approx.	C	Lode	Fe	--	U.S. Bureau of Mines, 1978d
152	--	58°04'N, 134°01'W location approx.	C	Lode	Au,Ni	--	U.S. Bureau of Mines, 1978d
	Alaska Atlin Mining Co.	SE1/4 quad location not shown on map	O,P(?)	Unknown	Au(?)	Au(?) property on Douglas Island. Little if any development	Wright, 1907a, p. 54; Cobb, 1978d, p. 11
	Bear's Nest	SE1/4 quad location not shown on map	P(?)	Unknown	Au(?)	Prospecting reported, 1911, Douglas Island	Brooks, 1912, p. 25; Cobb, 1978d, p. 30
	Holman and Tyee prospects	SE1/4 quad locations not shown on map	P	Unknown	Au(?)	Diamond drilling, 1916. On Douglas Island north of Treadwell	Eakin, 1918a, p. 77; Cobb, 1978d, p. 69, 130

KETCHIKAN QUADRANGLE
(latitude, 55°-56°; longitude, 130°-132°)

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
1	Howard	56°00'N, 130°04'W	P	Vein	ba,Pb,Zn	Qz stringer lode; in granodiorite; locally mineralized with py, gn, sl and ba; open cuts and stripping	Buddington, 1929, p. 76; Cobb, 1972e
2	Last Shot	56°00'N, 130°03'W	P	Vein	Ag,Au,Cu, Pb,W,Zn	Qz vein in Texas Creek Granodiorite ranges from 5 cm to 4 m thick; shoot of almost solid sulfide up to 50 cm thick persists for 10 m or more; gn, py, sl, po, cp, td, and fb; minor sc also reported; 65 cm channel sample across sulfides shows Au, 0.08 oz per ton; Ag, 11.3 oz per ton; 6.2% Pb, and 4.85% Cu; pits, opencuts, and 8 m adit	Buddington, 1929, p. 75-76; Byers and Sainsbury, 1956, p. 136; Cobb, 1972e
3	Fish Creek	56°00'N, 130°03'W	M	Vein	Ag,Au,Cu, Pb,W.Zn	Immediately north of Mountain View property, and partly in Bradfield Canal quadrangle; qz veins up to 1 m wide are mainly in Texas Creek Granodiorite near contact with rocks of Hazleton(?) Group; gn, sl, py, td, cp, and minor sc occur in these veins; lenticular bodies of po with minor cp, py, and aspy also present locally, but values from these bodies are low; assays of ore from Starboard and Olympia claims report 103 to 706 oz Ag per ton, 17 to 39% Pb, trace to 7% Cu, and less than 1 oz Au per ton; several pits, adits, and drifts	Buddington, 1929, p. 68-71; Byers and Sainsbury, 1956, p. 138; Cobb, 1972e
4	Sixmile	55°59'N, 130°04'W	P	Vein	Ag,Au,Cu, Pb,Zn	Narrow stringers and veins of qz in Texas Creek Granodiorite locally contain visible free gold; py, gn, and minor cp and sl; two adits and surface workings	Buddington, 1929, p. 76-77; Cobb, 1972e
5	Bishop	55°59'N, 130°03'W	P	Vein	Ag,Au,Cu, Pb	Qz vein from .5 to 2 m thick in Texas Creek Granodiorite; po, py, minor cp and gn; Au and Ag content reported low	Buddington, 1929, p. 67; Cobb, 1972e
6	Mountain View	55°59'N, 130°03'W	M	Vein	Ag,Au,Cu,Mo, Pb,U(?),W,Zn	Qz veins in both Texas Creek Granodiorite and Hazleton(?) Group metasedimentary and metavolcanic rocks. Metallic minerals include py, po, sc, cp, gn, sl, minor td and fb; also reported are Ag, Au, anglesite, aspy, azurite, chalmersite, covellite, ml, ms, mo, pronstite, and specularite; a yellowish coating was tentatively identified as a uranium sulfate. Gangue minerals are qz and ba. Ore from the principal vein (Fish Creek No. 2 or "Gray Copper" vein) averaged 1.23% WO_3, and 0.1 and 6.4 oz Au and Ag per ton across an average width of 57 cm; more than 1,100 m of underground workings but the only ore shipments were for mill tests	Buddington, 1929, p. 63-67; West and Benson, 1955, p. 30-32, 34-44; Byers and Sainsbury, 1956, p. 123, 137-138; Cobb, 1972e
7	Deleted						
8	Lucky Boy Extension	55°59'N, 130°03'W	P	Vein	Cu,Pb,W,Zn	Fissured zone 60 to 90 cm thick with qz stringers totaling 15 to 30 cm in thickness; py, gn, and sl locally with minor po and cp; crosscut adit and drift total 30 m. Country rock is slaty "quartzite"	Buddington, 1929, p. 67; Cobb, 1972e
9	Victoria	55°59'N, 130°02'W	P	Vein?	Unknown; possibly same as at locality no. 8	Sparse mineralization; few short adits	Buddington, 1929, p. 67-68
10	Boundary Line	55°55'N, 130°01'W	C	Lode	Au	--	U.S. Bureau of Mines, 1977a

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
11	J and L	55°53'N, 130°13'W	C	Lode	Cu,Mo?	--	U.S. Bureau of Mines, 1977a
12	Alpine	55°46'N, 130°10'W	C	Placer	Fe	Placer claim near mouth of Davis River	U.S. Bureau of Mines, 1977a
13	Ferro	55°46'N, 130°11'W	C	Placer	Fe	Placer claims near mouth of Davis River	U.S. Bureau of Mines, 1977a
14	Commonwealth	55°46'N, 130°12'W	P	Vein(?); disseminated(?)	Au,Cu,Mo,Zn	Qz(?) veins in a narrow band of quartzite, schist and marble in qz monzonite; mo, sl and cp are sparsely distributed in veins and country rock; two short adits	Buddington, 1929, p. 111-112; Cobb, 1972e
15	--	55°50'N, 130°25'W	O	Disseminated(?)	Cu	Trace of cp with py and po in rusty-weathering zone in paragneiss	Berg and others, 1977, p. 132
16	--	55°59'N, 130°51'W	O	Vein	Cu, Mo	Small qz veins in a zone of iron-stained paragneiss; trace mo and cp	Berg and others, 1977, p. 123-125
17	--	55°56'N, 130°49'W	D	Disseminated(?)	Cu	Trace cp and minor po in broad rusty-weathering paragneiss zone; low values of Cu, Pb, Zn, Mo, and Ag	Berg and others, 1977, p. 124-126
18	--	55°55'N, 130°43'W	O	Disseminated(?)	Cu	Trace cp and po in rusty-weathering zone in paragneiss	Berg and others, 1977, p. 126-127
19	--	55°54'N, 130°42'W	O	Disseminated(?)	Cu,Mo	Sparse cp with py in rusty-weathering zone in pelitic schist; one sample contained 150 ppm Mo	Berg and others, 1977, p. 126, 128
20	--	55°50'N, 130°40'W	O	Disseminated(?)	Cu	Minor cp in zone of rusty-weathering pyritic paragneiss; low values of Cu, Pb, Zn, Ag, and Mo reported	Berg and others, 1977, p. 129-132
21	Gnat	55°50'N, 130°54'W	P	Vein	Cu,Mo,Pb	Qz fissure vein 2.5 m thick in gneissic qz diorite; cp, mo, gn, and py relatively abundant 0.0 to 0.5 m below hanging wall; reported values to 1500 ppm Pb, 1400 ppm Cu, and 910 ppm Mo	Buddington, 1929, p. 120; Berg and others, 1977, p. 121-123; Cobb, 1972e
22	Alamo	55°45'N, 130°45'W	P	Disseminated, massive?; vein	Ag,Au,Cu,Zn	Several shallow opencuts and trenches, drilling; sulfide-bearing zone 25 m wide in paragneiss near foliated granodiorite; cp, py,po, and sl form disseminations and veinlike? masses; possible Cu content of 0.2 to 0.7% in a large body of sulfide-bearing paragneiss. Individual analyses showed as much as 0.2 ppm Au, 50 ppm Ag, several thousand ppm Zn, and 500 ppm Cd	Berg and others, 1977, p. 116-120
23	--	55°44'N, 130°52'W	O	Vein	Cu,Mo	Minor amount cp and mo in 55 cm wide qz vein at contact of paragneiss and qz diorite	Berg and others, 1977, p. 134-135
24	Marble Copper	55°43'N, 130°52'W	P	Disseminated	Ag,Au,Cu	Ml and traces of cp in a marble-skarn zone in paragneiss near contact with foliated granodiorite; a 55-cm-long channel sample from shallow cut assayed 4000 ppm Cu, 30 ppm Ag, and 3.5 ppm Au	Berg and others, 1977, p. 120-121

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
25	--	55°43'N, 130°52'W	O	Disseminated	Cu	Py and minor cp in paragneiss; chip sample across 13 m of gneiss assayed 1000 ppm Cu	Berg and others, 1977, p. 135
26	(Burroughs Bay)	56°00'N, 131°18'W	C	Vein; disseminated	Mo	Porphyry Mo deposit in granite and qz porphyry stock and associated dikes; mo-qz veins and mo fracture coatings; vein and disseminated py; no data on tonnage and grade	Elliott and others, 1978, loc. 26; U.S. Bureau of Mines, 1977a
27	Ekblad	55°42'N, 131°27'W	C	Lode	Au	--	U.S. Bureau of Mines, 1977a
28	Gold Standard	55°39'N, 132°00'W	M	Vein; disseminated?	Au,Bi,Pb	Largest Au production, by far, in Helm Bay area; intermittent operations from 1898 to at least 1940 probably produced a few thousand oz of Au. Auriferous qz veins with py, tt, and a little gn in greenschist(?); principal vein 15 cm to 2 m thick exposed over 300 m along strike 30 m shaft with drifts; other short tunnels and shafts. See also Gold Standard (no. 174 in Craig quadrangle)	Brooks, 1902, p. 59-60; Wright and Wright, 1908, p. 153-155; Bufvers, 1967, p. 6-8; Cobb, 1972e
29	Gold Mountain	55°37'N, 131°59'W	M	Vein; disseminated	Au,Cu,Pb	Qz veins and stringers in pyritic? greenschist; py, cp, gn, and Au; some Au production reported; surface work and over 200 m of underground workings	Brooks, 1902, p. 58-59; Wright and Wright, 1908, p. 156; Cobb, 1972e
30	Novatney	55°37'N, 131°58'W	C	Vein	Au	Narrow qz veins in schist	U.S. Bureau of Mines, 1977a
31	Rainy Day	55°37'N, 131°58'W	P	Vein	Au,Pb,Zn	One-m-thick qz vein in a porphyritic granodiorite dike 200 to 300 m wide; small amounts py, sl, gn, and Au; opencut and 33 m tunnel	Brooks, 1902, p. 58; Wright and Wright, 1908, p. 156; Cobb, 1972e
32	Kingston	55°37'N, 131°58'W	P	Vein; disseminated?	Au	Qz veins in 2 to 10 m wide zone in pyritic? chlorite schist; assays of $2.50 to $600 Au per ton reported	Brooks, 1902, p. 58; Cobb, 1972e
33	Keystone	55°36'N, 132°00'W	M	Vein; disseminated	Ag,Au	Stockwork of many small qz veins in a belt of pyritic? greenschist 6 to 12 m thick; abundant py and generally low values in Au and Ag; crosscut tunnel, shaft and more than 200 m of underground workings	Brooks, 1902, p. 57-58; Wright and Wright, 1908, p. 157
34	Old Glory	55°37'N, 131°59'W	M	Vein; disseminated	Au	Qz vein in greenschist and some argillite; minor sulfides and free Au in vein, sulfides locally disseminated in adjacent country rock; adits and drifts total several tens of meters	Wright and Wright, 1908, p. 157-158; Smith, 1914, p. 85-86; Cobb, 1972e
35	Last Chance	55°36'N, 131°59'W	P	Vein; disseminated	Au,Cu	Qz vein of irregular width in a shear zone in pyritic? chlorite schist; minor cp and bn, average Au values low; short drift	Brooks, 1902, p. 57; Wright and Wright, 1908, p. 157; Cobb, 1972e
36	Mary T.	55°36'N, 131°58'W	P	Vein disseminated	Au, Cu	Belt of chlorite or sericite schist containing qz, py, cp, secondary Cu minerals, and Au; low values reported; surface pit	Brooks, 1902, p. 57; Wright and Wright, 1908, p. 157; Cobb, 1972e
37	U.S.	55°36'N, 131°58'W	P	Vein	Au	Qz vein in chlorite schist carries py and Au; low values; explored by surface cuts and short prospect tunnels	Brooks, 1902, p. 57; Wright and Wright, 1908, p. 157; Cobb, 1972e
38	Little Maumee	55°36'N, 131°57'W	P	Vein	Au,Cu	Small qz vein in porphyritic diorite; py, cp and Au reported	Brooks, 1902, p. 58; Cobb, 1972e

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39	Blue Bucket	55°35'N, 131°57'W	P	Vein	Au	Qz vein in chlorite and sericite schists; py, low Au values; short prospecting tunnel	Wright and Wright, 1908, p. 156-157
40	Caamano Point	55°31'N, 131°59'W	P	Vein; massive; disseminated?	Sb,Ag,Au	Veinlets and irregular masses of sb in brecciated and partly dolomitized and silicified limestone; explored by two shallow shafts, 100 ft. of drifts, and several opencuts. Semiquantitative spectrographic analyses of samples of py-rich qz- and carbonate-veined phyllite and marble collected on coast about 1.8 km NNE of Caamano Pt contained up to 2 ppm Ag, more than 1% As, 1,000 ppm Sb, and 7.5 ppm Au	Sainsbury, 1957; Cobb, 1972e; Elliott and others, 1978, p. 7
41	Lucky Four (Hump Island)	55°31'N, 131°45'W	C	Disseminated	Ag, Co,Cu,Mo	Fe- and Cu-stained, hydrothermally altered schist containing disseminated py, cp, and possibly other sulfide minerals. Country rocks include metamorphosed sedimentary, volcanic, and plutonic rocks of Mesozoic or Paleozoic age. SS analyses of mineralized rock samples contained up to 10 ppm Ag, 500 ppm Co, 2.0% Cu, and 30 ppm Mo	U.S. Bureau of Mines, 1977a; Elliott and others, 1978, p. 7
42	Golden Bear	55°29'N, 131°45'W	C	Lode	Au	--	U.S. Bureau of Mines, 1977a
43	Conkle	55°33'N, 131°41'N	C	Lode	Cu,Fe	--	U.S. Bureau of Mines, 1977a
44	Prince	55°32'N, 131°41'W	C	Lode	Fe	--	U.S. Bureau of Mines, 1977a
45	Crystal	55°32'N, 131°38'W	C	Lode?	Unknown	--	U.S. Bureau of Mines, 1977a
46	J.C.	55°29'N, 131°37'W	C	Lode	As,Au,Fe	--	U.S. Bureau of Mines, 1977a
47	--	55°30'N, 131°30'W	C	Lode	Cu,Pb?	--	U.S. Bureau of Mines, 1977a
48	Lou Jo	55°31'N, 131°29'W	C	Lode	Ag,Au	--	U.S. Bureau of Mines, 1977a
49	--	55°28'N, 131°29'W	C	Lode	Cu,Pb,Zn	--	U.S. Bureau of Mines, 1977a
50	Perk(?)	55°35'N, 131°11'W	C	Lode	Cu,Pb,Zn	--	U.S. Bureau of Mines, 1977a
50.1	(Swan Lake)	55°37'N, 131°13'W	O	Disseminated	Mo	Trace of very fine-grained mo disseminated in rusty-weathering 15 m thick felsic sill(?) that intrudes paragneiss. SS analysis of sample showed 150 ppm Mo	Elliott and others, 1978, p. 7
51	(Ella Pt.)	55°30'N, 130°59'W	P	Disseminated?; massive?	Zn	Py and sl in sericitic schist	Berg and Cobb, 1967, p. 182; Cobb, 1972e
52	White Knight	55°20'N, 131°51'W	P	Vein; massive?	Au?,Cu	Small masses of cp associated with py and po in greenstone; little development	Brooks, 1902, p. 74(?); Wright and Wright, 1908, p. 140; Cobb, 1972e
52.1	--	55°16'N, 131°50'W	P	Vein	Ag,Cu	Fe- and Cu-stained brecciated metarhyolite(?) containing qz, hem, cp, and py. Lode is approx 3 m wide. In 1970 workings consisted of water-filled adit of unknown length. SS analysis of a sample of mineralized breccia showed 1.5 ppm Ag and 2% Cu	Elliott and others, 1978, p. 8

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52.2	--	55°12'N, 131°49'W	P	Disseminated; vein	Ag,Au,ba, Cu, Pb, Zn	Meter-wide fault (breccia) zone in dikelike mafic? igneous rock structurally mixed with sedimentary and other igneous country rocks. Breccia weathers orange or red and contains qz, carbonate, ba, and small amounts of sulfide(?) minerals. Semiquantitative spectrographic analyses of samples of breccia and country rock showed up to 70 ppm Ag, 0.15 ppm Au, >0.5% Ba, 700 ppm Cu, 1.5% Pb, >1.0% Zn, and possibly anomalous amounts of other metals. In 1969 workings consisted of approx 7 m long adit	Elliott and others, 1978, p. 8
53	Six Point	55°23'N, 131°51'W	P	Vein	Au?,Cu	Thin qz vein with py and some cp, follows contact of altered diabase dike and slaty limestone; shaft and drift	Brooks, 1902, p. 73-74; Wright and Wright, 1908, p. 140; Cobb, 1972e
54	Easter	55°24'N, 131°48'W	P	Vein	Au	Au- and py-bearing qz veins with trace asp in slate and greenschist; owners reported values of $3 to $400 per ton; small pit	Brooks, 1902, p. 62-63; Berg and Cobb, 1967, p. 179; Cobb, 1972e
55	Typhoon	55°24'N, 131°48'W	P	Vein	Au?	Py-bearing qz vein 20 cm thick in slate; free Au probably present	Brooks, 1902, p. 61
56	Tongass	55°24'N, 131°48'W	P	Vein	Au?	Py-bearing qz vein 30 cm wide in slate; free Au probably present	Brooks, 1902, p. 61
57	Green Hornet	55°23'N, 131°47'W	C	Lode	U?	--	U.S. Bureau of Mines, 1977a
58	Ken Pond	55°25'N, 131°43'W	C	Lode	Ag	--	U.S. Bureau of Mines, 1977a
59	Beach	55°22'N, 131°43'W	C	Lode	Au	--	U.S. Bureau of Mines, 1977a
60	Little Sue	55°22'N, 131°41'W	C	Lode	Au	--	U.S. Bureau of Mines, 1977a
61	White Cliff	55°21'N, 131°41'W	C	Lode	Au	--	U.S. Bureau of Mines, 1977a
62	Hoadley	55°21'N, 131°40'W	P	Vein	Au,Bi	Two sets of qz veins from 10 to 60 cm thick in gabbro(?) intrusive into schist; older set contains mainly py and po, younger set contains aspy, free Au, and trace of tt; opencuts and short drift tunnels	Wright and Wright, 1908, p. 151; Cobb, 1972e
63	Wildcat	55°21'N, 131°40'W	P	Vein; disseminated	Au,Cu	Veins in diorite or gabbro intrusive in black slate; main vein 30 to 40 cm thick traced over 300 m; Au and py with minor cp; wall rock mineralized locally; explored by opencuts, short tunnels, and shafts; $20 to $30 in Au per ton from 5-ton test shipment reported	Wright and Wright, 1908, p. 151-152; Cobb, 1972e
64	Bear Mountain/ Malaspina	55°21'N, 131°38'W	C	Lode	Au,Cu	--	U.S. Bureau of Mines, 1977a
65	Laskawonda	55°21'N, 131°38'W	P	Vein; disseminated	Ag,Au,Cu	Phyllite and schist cut by few small qz veinlets; py and cp occur in schist and veinlets, and Au and Ag were reported; two shafts and surface work	Wright and Wright, 1908, p. 152; Bufvers, 1967, p. 28; Cobb, 1972e
66	Venitia	55°20'N, 131°38'W	C	Lode	Au	--	U.S. Bureau of Mines, 1977a
67	Clairvoyance	55°19'N, 131°41'W	C	Lode	Au	--	U.S. Bureau of Mines, 1977a

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68	Goldstone	55°19'N, 131°38'W	C	Lode	Au	--	U.S. Bureau of Mines, 1977a
69	Goldstream	55°18'N, 131°38'W	M	Vein; disseminated	Au,Cu,Pb,Zn	Qz veins in greenschist and qz-sericite schist; principal vein 1 to 2.5 m wide with best values confined to steeply pitching shoot 20 to 25 m long; py, cp, gn, sl, aspy, and native Au; several thousand tons of Au ore produced, values of $18 per ton reported; 35 m shaft with few hundred m of drifts on two levels	Wright and Wright, 1906, p. 44; Wright, 1908, p. 92; Wright and Wright, 1908, p. 177-178; Berg, 1973, p. 36; Cobb, 1972e
70	Gold Flakes	55°17'N, 131°38'W	C	Lode	Ag,Au,Pb	--	U.S. Bureau of Mines, 1977a
71	Heckman	55°18'N, 131°37'W	P	Vein	Au	Qz-calc veins with py in chloritic schist, 2.5 m wide lode; explored by opencut, 20 m shaft and drifts; low Au values	Brooks, 1902, p. 62; Wright and Wright, 1908, p. 179; Cobb, 1972e
72	Moonshine	55°17'N, 131°37'W	P	Vein	Au	Two parallel qz veins 6 m and 2 m thick in greenstone; explored by 4 m shaft and 10 m opencut; low Au values	Wright and Wright, 1908, p. 179
73	Birdseye	55°19'N, 131°34'W	P	Vein; disseminated	Au,Pb,Zn	Qz vein 1 to 1.5 m wide in porphyry dike in slate and schist; py, gn, sl and Au present in vein and adjacent dike rock; ten-meter shaft and surface stripping	Wright and Wright, 1908, p. 152; Cobb, 1972e
74	Gold Nugget	55°18'N, 131°33'W	C	Lode	Au	--	U.S. Bureau of Mines, 1977a
75	Sharon	55°20'N, 131°31'W	C	Lode	Cu,Zn	--	U.S. Bureau of Mines, 1977a
76	Mahoney	55°26'N, 131°31'W	M	Vein; massive?	Ag,Au,Cu, Pb,Zn	Massive sl- and gn-bearing vein(?) in slate, averages 30 cm thick over 100 m; opencuts and about 100 m of underground workings; 100 tons of Pb and Zn concentrates containing 2 oz Au, 347 oz Ag, 214 lbs. Cu, 42,086 lbs. Pb, and 74,829 lbs. Zn were shipped; deposit contains an estimated 2,500 tons of ore averaging 6 or 7% Pb and about 28% Zn	Robinson and Twenhofel, 1953, p. 79-82; Cobb, 1972e
77	--	55°25'N, 131°29'W	C	Lode	Ag	--	U.S. Bureau of Mines, 1977a
78	Londevan	55°24'N, 131°29'W	M	Vein	Ag,Au,Cu, Pb,Zn	More than 1300 m of underground workings including 700 m along the main vein; several small qz veins and a main vein 1 m thick cut dark schists; veins contain 5% or less py, sl, gn, and trace cp, Ag, and Au; ore was mined and stockpiled at water's edge but not shipped	Wright and Wright, 1908, p. 150; Smith, 1914, p. 88-89; Cobb, 1972e
79	A. L. and S.	55°23'N, 131°28'W	C	Lode	Ag,Au,Cu?, Pb	--	U.S. Bureau of Mines, 1977a
80	Peterson	55°23'N, 131°28'W	P	Vein	Ag,Au,Cu Pb,Zn	Qz-calc vein in schist contains py, gn, sl, po, and cp; Au and Ag also reported; two short drifts	Wright and Wright, 1908, p. 150; Smith, 1914, p. 90; Cobb, 1972e
81	Blue Streak	55°22'N, 131°29'W	C	Lode	Au,Cu,Ni	--	U.S. Bureau of Mines, 1977a
82	Black Ridge	55°17'N, 131°26'W	C	Lode	Ag,Au,Co, Cr	--	U.S. Bureau of Mines, 1977a
83	Moth Bay	55°18'N, 131°21'W	P	Massive; disseminated; vein	Ag,Au,Cu, Pb,Zn	Opencuts and about 250 m of underground workings; the deposits are thin layers of muscovite schist containing sulfide minerals with qz and calc gangue, and some isolated pods of massive sulfides; py, po, sl, cp, gn, minor bn and cv; Au and Ag known only from analyses; measured and indicated reserves include about 100,000 tons of 7.5% Zn and 1% Cu and 10,000 tons of 3% Cu; 100,000 additional tons of lower grade material inferred	Robinson and Twenhofel, 1953, p. 59-71; Cobb, 1972e

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83a	Head of Thorne Arm	55°23-24'N 131°15'W	O	Massive, disseminated	Ag,Au,Co, Cu?,Zn?	Stratabound massive sulfide occurrences. Ironstained argillite and qz-mu(-calc) schist contain abundantly disseminated py and zones up to a meter or so thick of nearly massive pyrite and probably other sulfide minerals. Geochemical analyses of py-rich rock samples from several localities in this area show up to 10 ppm Ag, 0.1 ppm Au, 500 ppm As, 2000 ppm Co, 150 ppm Cu, 30 ppm Mo, 210 ppm Zn	Koch and Elliott, 1978a, p. 119-121 (sample localities 75BG348-354)
84	Lake	55°25'N, 131°12'W	P	Vein	Pb,Zn	Qz veins containing small amounts of py, gn, and sl in muscovite(?) schist and greenschist near granitic rocks	Wright and Wright, 1908, p. 149; Cobb, 1972e
85	Tyee	55°23'N, 131°11'W	P	Vein	Au,Pb,Zn	Qz vein 1 m thick in granodiorite; py, sl, gn, and low values in Au	Wright and Wright, 1908, p. 148; Cobb, 1972e
86	Massachusetts	55°23'N, 131°10'W	P	Vein	Au,Pb,Zn	Qz vein 30 to 150 cm thick in muscovite(?) schist and greenschist; py, gn, and sl; Au values of $12 per ton reported; opencuts, 10 m shaft and 15 m drift	Wright and Wright, 1908, p. 148-149; Cobb, 1972e
87	Baltic Star	55°23'N, 131°11'W	P	Vein; disseminated	Au,Pb,Zn	Qz vein .5 m wide and disseminated sulfides in schist; py, sl, gn, and low free gold values	Wright and Wright, 1908, p. 148; Cobb, 1972e
88	Baltic/Queen	55°23'N, 131°11'W	P	Vein	Au,Zn	Qz vein .3 to 2 m thick in schist; py, sl, and low values in Au; opencuts and two short prospect tunnels	Wright and Wright, 1908, p. 148; Cobb, 1972e
89	Golden Rod	55°23'N, 131°11'W	P	Vein	Au	Qz vein 5 m thick in aplite or gneissic granodiorite carries low Au values. Several opencuts	Wright and Wright, 1908, p. 146-147; Cobb, 1972e
90	Salve	55°23'N, 131°12'W	P	Disseminated; vein	Au	Band of sulfide-bearing sericitic schist with few small stringers of qz; py with low Au values; opencut and test pit	Wright and Wright, 1908, p. 148; Cobb, 1972e
91	Sea Breeze	55°22'N, 131°11'W	P	Vein	Au,Pb,Zn	Extension of the mineralized zone of the Sealevel mine; qz veins from .3 to 2 m wide in or near porphyry dike in greenstone; py, gn, sl, and occasional speck of Au in qz gangue; abrupt variations in degree of mineralization and values; opencuts and two short tunnels	Brooks, 1902, p. 67; Wright and Wright, 1908, p. 146; Cobb, 1972e
92	Sealevel	55°22'N, 131°12'W	M	Vein; disseminated	Ag,Au,Pb, Zn	Qz veins cut greenschist and altered porphyry dikes with some wall rock mineralization; mineralized zone continues more than 600 m; py, gn, sl, sparse flakes of native Au; gangue is qz with some muscovite; mineral content of vein and adjacent wallrock appears greater where vein cuts porphyry dike; opencuts and 40 m shaft with more than 400 m of drifts and crosscuts. Unknown amount of Au produced in early 1900's; Ag content not known	Wright and Wright, 1908, p. 144-146; Cobb, 1972e
93	Goo Goo	55°22'N, 131°11'W	M	Vein	Au,Pb,Zn	Qz vein up to 6 m wide in greenschist; py, sl, gn, and pockets of free gold reported; surface cuts, pit, shaft and long adit. Some rich pockets were mined out before 1916	Brooks, 1902, p. 67; Wright and Wright, 1908, p. 147; Chapin, 1916, p. 82; Cobb, 1972e

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94	Majestic	55°22'N, 131°11'W	P	Vein	Au,Pb,Zn	Qz vein 6 m wide in altered schist may be continuation of Goo Goo vein; py, sl, gn, and minor Au in qz gangue; picked samples assayed $30 per ton; small open pit and short tunnel	Brooks, 1902, p. 67; Wright and Wright, 1908, p. 147
95	Gold Banner	55°22'N, 131°11'W	P	Vein	Au,Pb,Zn	Qz vein .3 to 2 m thick in schist cut by a porphyry dike; py, gn, sl, and occasional particles free gold; 20-m tunnel	Wright and Wright, 1908, p. 147; Cobb, 1972e
96	Baby George	55°22'N, 131°11'W	P	Vein	Au?	Three-m-wide qz vein in argillite and greenschist	Wright and Wright, 1908, p. 147; Cobb, 1972e
97	Wild West	55°22'N, 131°11'W	P	Vein	Au	Several qz stringers about 30 cm wide in argillite and sericite schist; low Au values; surface cuts only	Wright and Wright, 1908, p. 147; Cobb, 1972e
98	High Horse	55°22'N, 131°11'W	P	Vein	Au,Zn	Qz vein 15 cm to 1 m thick in schist; py, sl, and low Au values; opencuts and short prospect tunnel	Brooks, 1902, p. 68; Wright and Wright, 1908, p. 147-148; Cobb, 1972e
99	Ace	55°13'N, 131°09'W	C	Lode	U?	--	U.S. Bureau of Mines, 1977a
100	Alava	55°14'N, 131°08'W	C	Stratiform?	Fe	Titaniferous magnetite in Jurassic or Cretaceous zoned ultramafic rocks at Alava Bay	Berg, Elliott, and Koch, 1978, p. 24-25; U.S. Bureau of Mines, 1977a
101	Quartz Ledge	55°14'N, 131°01'W	C	Lode	Au	--	U.S. Bureau of Mines, 1977a
102	Nanjan	55°14'N, 130°59'W	C	Lode	Mo	--	U.S. Bureau of Mines, 1977a
103	Pyrite Lode	55°16'N, 130°58'W	P	Vein	Mo	Pockety occurrence of mo along qz vein in metamorphic rocks	U.S. Bureau of Mines, 1977a
104	Reliance (Roe Point) (IXL)	55°17'N, 130°57'W	P	Massive; disseminated	Ag,Au,Cu,Zn	Metamorphosed stratabound massive sulfide deposit. Py, po, cp, and sl form massive layers and disseminations in rusty-weathering mica schist; Au and Ag also reported; adit with about 30 m underground workings	Wright and Wright, 1908, p. 185; Cobb, 1972e; Elliott and others, 1978, p. 11
105	Quartz Hill	55°24'N, 130°29'N	P	Vein; disseminated	Mo	Large porphyry Mo deposit in hypabyssal composite stock of Oligocene granite porphyry, qz porphyry, microgranite, and aplite; mo-qz veins and mo fracture coatings occur over large areas; py occurs as disseminated grains in porphyries and in veinlets; reports indicate potential ore body in excess of 100 million tons of low grade ore	Elliott and others, 1976, p. 1, 9-11; Hudson and others, 1977
106	Gullette	55°09'N, 130°32'W	C	Placer	Au	Placer Au claim near the head of Marten Arm	U.S. Bureau of Mines, 1977a
107	QC	55°09'N, 130°32'W	C	Placer	Au	Placer Au claim near the head of Marten Arm	U.S. Bureau of Mines, 1977a
108	Red River (Humpback Lake)	55°04'N, 130°31'W	P	Disseminated; massive?	Cu,Mo	Py, cp, po, mag, bn, and mo form small masses and disseminated grains along gneissic bands in metasedimentary rocks and gneiss intruded by pegmatite; mineralized bands from few cm to 30 m thick; privately drilled, grade and tonnage information not available	Elliott and others, 1978, p. 11
109	Grotto	55°12'N, 131°14'W	P	Disseminated; vein	Cu	Vein deposit in shear and/or breccia zone in greenschist; owners reported 11% Cu across 1.5 m mineralized zone; developed by more than 150 m of drifts and crosscuts	Brooks, 1902, p. 70-71; Wright and Wright, 1908, p. 140; Cobb, 1972e

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110	Doe	55°12'N, 131°45'W	P	Vein	Cu	Qz vein 1 to 2 m wide containing py and cp in a siliceous chlorite schist	Wright and Wright, 1908, p. 139; Cobb, 1972e
111	Damon	55°12'N, 131°45'W	P	Vein	Cu?	Qz vein heavily mineralized with py in "banded chlorite country rock"	Wright and Wright, 1908, p. 140
112	Hobo	55°11'N, 131°45'W	P	Vein	Cu	Three m vein with py and cp; continuation of War Eagle vein?	Wright and Wright, 1908, p. 140; Cobb, 1972e
113	War Eagle	55°11'N, 131°45'W	M	Vein	Au,Cu	Qz veins in shear/breccia zones in greenschist; py, cp and minor Au with qz gangue; 600 m crosscut tunnel intersected 6 or more veins	Brooks, 1902, p. 70; Wright and Wright, 1908, p. 140; Cobb, 1972e
114	Plutyas	55°12'N, 131°44'W	P	Vein	Cu?	Qz vein containing abundant py in a "banded chlorite country rock"	Wright and Wright, 1908, p. 140
115	Big Joe	55°12'N, 131°44'W	P	Vein	Cu	Qz vein 3 m thick in chlorite schist traced for over 900 m; py and cp; extension of War Eagle mineralized zone?	Wright and Wright, 1908, p. 140; Cobb, 1972e
116	Jewel	55°12'N, 131°44'W	P	Vein	Cu	Qz vein with py and cp. Explored by short crosscut	Brooks, 1902, p. 71; Wright and Wright, 1908, p. 139; Cobb, 1972e
117	Buck	55°11'N, 131°44'W	P	Vein	Au,Cu	Wide qz vein in altered quartzite and schist reported to "assay well" in Au and Cu	Wright and Wright, 1908, p. 139-140; Cobb, 1972e
118	Bay View	55°11'N, 131°44'W	M	Vein	Ag,Au,Cu,Zn	Qz- and calc-cemented breccia zone with py, cp, sl, and minor bn; opencut and 30 m drift; small smelter shipment reported. Lode is in a fault-bounded block of trondhjemite cut by prominent basalt dike; mineral deposit is mainly in brecciated basalt; country rock enclosing fault block is rhyolitic metatuff. SS analyses (Elliott and others, 1978) of mineralized breccia collected from the dike showed up to 10 ppm Ag, 0.10 ppm Au, 200 ppm As, >2% Cu, and 150 ppm Sn	Brooks, 1902, p. 70; Cobb, 1972e; Elliott and others, 1978, p. 12
119	Sanford	55°11'N, 131°43'W	P	Vein	Cu	Vein, probably carrying py and cp, along shear zone(?) in chlorite schist; low values; short shaft and opencut	Wright and Wright, 1908, p. 139; Cobb, 1972e
120	Concord	55°11'N, 131°45'W	P	Vein	Ag,Au,Cu,Zn	Sulfide-bearing qz-ba-carbonate veins in breccia zones in greenstone (basalt dike?) and trondhjemite; cp, sl and a little Ag and Au; ore from Sunrise vein said to carry value of $72 per ton chiefly in Cu; opencuts and short tunnels	Brooks, 1902, p. 72-73; Wright and Wright, 1908, p. 139; Cobb, 1972e
121	Grenadier	55°10'N, 131°45'W	P	Vein	Cu?	Shear/breccia(?) zone in trondhjemite? and greenstone (basalt dike?)	Brooks, 1902, p. 73
122	Friday	55°10'N, 131°47'W	C	Veins	Cu	U.S.G.S. studies (Elliott and others, 1978) near this prospect show py- and cp-bearing qz-carbonate (-ba?) veins in breccia zones in strongly Fe-stained metamorphosed volcanic, sedimentary?, and intrusive country rocks. Workings visible in 1969 included a few small pits and short tunnels	Elliott and others, 1978, p. 13; U.S. Bureau of Mines, 1977a
123	Club	55°09'N, 131°46'W	C	Lode	U?	--	U.S. Bureau of Mines, 1977a

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
124	Carita	55°09'N, 131°46'W	P	Vein	Cu	May be near, or relocation of, "Erhart's claim" and/or Starlight; cp with qz and calc in vein or shear/breccia zone(?)	Brooks, 1902, p. 73; Wright and Wright, 1908, p. 140; Cobb, 1972e
125	Boots	55°09'N, 131°45'W	C	Lode	U?	Lode claim on south side of Dall Bay on Gravina Island	U.S. Bureau of Mines, 1977a
126	Black Jack	55°09'N, 131°45'W	P	Vein	U?	Thin, discontinuous seam or seams of black radioactive mineral (pitchblende?) in a dike(?) of "serpentinized" basalt or gabbro that may be in fault contact with metamorphic country rocks. Radioactive mineral apparently occurs on surfaces of small faults. Site examination (1956) and tests with Geiger counter indicate only traces of radioactive material, some of which apparently contains up to several percent of U. Workings in 1956 consisted of several small pits	Williams, 1956; U.S. Bureau of Mines, 1977a
127	Washington	55°10'N, 131°45'W	P	Vein	Cu	Mineralized zone along sheared/brecciated contact of diabase and trondhjemite?; py and cp with qz and jasper gangue	Brooks, 1902, p. 72; Cobb, 1972e
128	Julian	55°10'N, 131°44'W	C	Lode	Cu	Lode claim on north side of Dall Bay on Gravina Island	U.S. Bureau of Mines, 1977a
129	Dall	55°10'N, 131°43'W	P	Vein; disseminated	Ag,Au,ba, Cu	Cp-bearing qz vein in greenschist and trondhjemite?; in 1901, owners reported average grade per ton of 11% Cu, $6 in Au, with slight Ag values; two shafts. U.S.G.S. studies near this prospect (Elliott and others, 1978) show disseminated py and cp, and py- and cp-bearing qz-carbonate-ba veins in breccia zones in Fe- and Cu-stained metamorphosed volcanic, sedimentary, and intrusive country rocks. In 1977 workings consisted of several pits and several(?) thousand meters of drill core, mostly in disarray	Brooks, 1902, p. 71-72; Cobb, 1972e; Elliott and others, 1978, p. 13
130	Annette Bay	55°15'N, 131°31'W	O	Lode	Cu,Sb	Cu and Sb minerals reported	Berg and Cobb, 1967, p. 180; Cobb, 1972e
131	Nadzaheen Cove	55°13'N, 131°29'W	O	Vein; disseminated	Ag,Au,Pb	Qz lenses and veins up to 3 m wide and few hundred m long in phyllite and fine-grained schist; qz and country rock near qz contain small amounts of disseminated py and gn, and a few specks of Au: 0.71 oz Au per ton; 0.91 oz Ag per ton	Berg, 1972; Cobb, 1972e
132	--	55°13'N, 131°32'W	O	Surface stain	Cu	Trace of ml in conglomerate	Berg, 1972; Cobb, 1972e
133	--	55°12'N, 131°35'W	O	Vein	Ag,Au,Pb	Gn in thin, discontinuous calc-qz fissure veins in subhorizontal shear zone up to 6 m thick and few hundred m long; country rock is trondhjemite; grab sample assayed 1.38 oz Au per ton, 0.42 oz Ag per ton	Berg, 1972; Cobb, 1972e
134	Driest Pt.	55°11'N, 131°36'W	O	Vein	ba,Pb	Crushed metarhyolite cut by sparse veinlets containing qz, calc, ba, and a few specks of gn	Berg, 1972; Cobb, 1972e

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
135	--	55°10'N, 131°35'W	O	Vein	ba,Cu,Pb	Three(?)-m-wide shear zone in metarhyolite; zone contains calc and qz veins carrying ba and hem, plus small amounts of gn, cp, and py	Berg, 1972; Cobb, 1972e
136	--	55°11'N, 131°35'W	O	Vein	ba,Pb	Three-m-wide shear zone in brecciated metarhyolite contains veins and irregular masses of ba and calc, plus small amounts of hem and gn	Berg, 1972; Cobb, 1972e
137	--	55°11'N, 131°33'W	O	Vein; disseminated	Cu	Qz veinlets containing cp, py, hem, and secondary Cu minerals in brecciated leucotrondhjemite	Berg, 1972; Cobb, 1972e
138	Hassler Harbor	55°12'N, 131°25'W	O	Disseminated	Cu	Sparsely disseminated cp in foliated leucotrondhjemite	Berg, 1972; Cobb, 1972e
139	Ham Island	55°11'N, 131°22'W	O	Placer	Au	Traces of Au in beach placer material and in qz float near qz-bearing slate and graywacke bedrock	Berg, 1972; Cobb, 1972e
140	Beaverlodge	55°11'N, 131°21'W	C	Lode	Au	--	U.S. Bureau of Mines, 1977a
141	(Cascade Lake)	55°10'N, 131°23'W	C	--	Au	--	U.S. Bureau of Mines, 1977a
142	--	55°09'N, 131°22'W	O	Vein; disseminated	Cu,Pb,Zn	Qz lenses and veins up to 10 m wide and 30 m long in phyllite and metarhyolite; some veins contain small amounts gn, py, and ms(?); small amounts of sl, cp, py, and gn in metarhyolite(?)	Berg, 1972; Cobb, 1972e
143	--	55°09'N, 131°22'W	O	Vein	Ag,Au,Cu, Pb,Zn	Qz veins less than 1 m wide; up to 0.91 oz Ag per ton and 0.43 oz Au per ton; Cu, Pb, and Zn also reported	Berg, 1972; Cobb, 1972e
144	Blunt Mountain	55°08'N, 131°23'W	O	Vein	Pb	Sparse gn, hem(?), and py in Fe-stained qz veins and pods up to 3 m thick in schistose trondhjemite	Berg, 1972; Cobb, 1972e
145	--	55°08'N, 131°22'W	P	Vein; disseminated	Ag,Au,Cu, Pb	Qz veins 1 m or less wide in metarhyolite and metarhyolite breccia contain py, cp, and gn; Au and Ag also reported; trace disseminated cp and py in rhyolite microbreccia in 33-m-long adit	Berg, 1972; Cobb, 1972e
146	--	55°07'N, 131°24'W	O	Vein; disseminated	Ag,Au,ba, Cu,Pb	Qz lenses and veins in limestone and? metarhyolite; sulfides in qz veins and adjacent country rock include td, gn, and minor cp, cv, and cc; small stringers and disseminated grains of gn, py, and cp in brecciated dolomitic limestone; stringers several cm thick contain ba; may be general vicinity of old Tyee prospect	Smith, 1914, p. 92-93; Berg, 1972; Cobb, 1972e
147	--	55°07'N, 131°26'W	D	Disseminated	Cu	Disseminated cp in leucotrondhjemite	Berg, 1972; Cobb, 1972e
148	Metlakatla	location approx. 55°08'N, 131°34'W	O	Disseminated	Cu	Sparsely disseminated py and cp and traces of ml in schist	Berg, 1972; Cobb, 1972e
149	Yellow Hill	55°06'N, 131°34'W	O	Vein; disseminated	Asbestos, Cr,Pt	Partly serpentinized dunite containing scattered thin seams of chrysotile asbestos and sparse veinlets and disseminated grains of cr; random sample of massive dunite contained 0.029 ppm Pt	Berg, 1972; Cobb, 1972e
150	Tamgas Harbor	55°05'N, 131°32'W	O	Disseminated	Cu	Very sparsely disseminated py and cp in schist and hornfels	Berg, 1972; Cobb, 1972e

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
151	--	55°02'N, 131°39'W	O	Disseminated(?)	Cu	Thin stringers and streaks of py and cp in schist and gneiss	Berg, 1972; Cobb, 1972e
152	Sockeye	55°03'N, 131°30'W	C	Lode	U?	Lode claim near west end of Tamgas L. northwest of Davison Mtn.	U.S. Bureau of Mines, 1977a
153	--	55°03'N, 131°21'W	O	Disseminated	Au?,Cu	Traces of cp, ml, py, and hem in sheared aplite and leucocratic qz monzonite	Wright and Wright, 1908, p. 180; Berg, 1972; Cobb, 1972e
154	(Cat Island)	55°01'N, 131°15'W	P	--	Cu	Cp? and secondary Cu minerals in ultramafic rocks; 50 sacks Cu ore reportedly shipped in 1907	Bufvers, 1967, p. 30; Cobb, 1972e; Irvine, 1974, p. 93
155	Ledge Point	55°03'N, 131°12'W	C	Lode	Ag,Au	--	U.S. Bureau of Mines, 1977a
The locations of the following mineral occurrences are too poorly known to show on the accompanying map:							
	Algonquin	55°11'N, 131°44'W	P	Vein	Cu	Prospect somewhere between Dall Bay and Seal Cove. Qz veins in shear zone in schistose greenstone contain cp, spec, and a little bn	Chapin, 1916, p. 93-94; Cobb, 1972e; Wright and Wright, 1908, p. 140
	Anthony	55°11'N, 131°44'W	P	Vein	Au,Cu	Qz lodes near Seal Cove carry disseminated py, cp, and spec; Au reported	Chapin, 1916, p. 94; Cobb, 1972e
	Cascade Inlet	55°10'N, 131°24'W	P	Vein	Au	Qz veins along contact between graphitic schist and less deformed slaty shale contain py, td, and free Au	Berg and Cobb, 1967, p. 180; Cobb, 1972e; Smith, 1914, p. 92
	Deer Lodge	55°11'N, 131°44'W	P	Vein; disseminated?	Au,Cu	Qz lodes near Seal Cove that carry disseminated py, cp, and spec; Au reported	Chapin, 1916, p. 94; Cobb, 1972e
	Dent Cove	55°17'N, 131°52'W	P	Disseminated	Cu,Mo	Prospector's report of disseminated cp and py, and traces of mo and secondary Cu minerals in sheared and altered metamorphic and intrusive rocks of Silurian or older age	Berg, 1973, p. 37
	Lizzie L.	55°11'N, 131°44'W	P	Vein; disseminated?	Au,Cu	Qz lodes near Seal Cove that carry disseminated py, cp, and spec; Au reported	Chapin, 1916, p. 94; Cobb, 1972e
	Nehenta Bay	55°10'N, 131°47'W	P	Vein?, disseminated?	Ba,Cu	Zones of intensely hydrothermally altered rock near Nehenta Bay contain copper minerals and barite. May be same occurrence as Friday (no. 122)	Berg, unpub. field data
	Smugglers Cove	55°36'-55°37'N, 131°57'-132°00'W	P	Vein?	Au(?)	Reports of development work at Martin-Bugge (or Bugge) property in Smugglers Cove area in 1912 and 1913 and of general activity in 1930. No other information	Brooks, 1913, p. 34, and 1914, p. 60; Smith, 1933, p. 16
	South Lakeview	55°39'N, 132°00'W	P	Vein	Au, Cu	Rusty-weathering banded qz vein 18-24 in. thick in greenstone schist contains auriferous cp, a little py, and free Au. Gouge along both walls of vein. Adjoins Gold Standard (no. 28); property may be in Craig quadrangle	Chapin, 1916, p. 82; Cobb, 1972e
	Unnamed	55°01'-55°03'N, 131°22'-131°24'W	O	Vein	Ag,Au,Cu,Pb	Veins along SE shore of Annette Island contain py, cp, and some gn. Small veins inland contain td and cp; some said to carry high values in Au and Ag. Band of mineralized schist is said to carry low values in Au and Ag	Cobb, 1972e, locs. 55, 56 (in part); Wright and Wright, 1908, p. 180
	Unnamed	55°46'N, 130°37'W	O	Disseminated?	Ag	5 chip samples of locally pyritic, rusty-weathering paragneiss, representing 1.2 to 18 m of section each, along 0.8 km of strike length, contained 1-2 ppm Ag	Berg and others, 1977, p. 137 (site G-29)

MT. FAIRWEATHER QUADRANGLE
(Latitude 58° - 59°; Longitude 136° - 138.30°)

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
1	--	58°01'N, 136°32'W location approx.	C	Lode	Cu,Ni	--	U.S. Bureau of Mines, 1978f
2	Surge Bay	58°01'N, 136°21'W location approx.	P	Lode	Cu(?),Ni(?)	Area of gabbroic rocks. Claim located in 1923, presumably for Cu and Ni	Buddington, 1925, p. 95; Buddington and Chapin, 1929, p. 373; Cobb, 1978e, p. 62
3	--	58°00'N 136°21'W location approx.	C	Lode	Ni	--	U.S. Bureau of Mines, 1978f
4	Yakobi Island	58°01'N, 136°20'W	M	Vein	Au,Cu	Qz vein in shear zone in mafic intrusive rock; claims located in about 1887, tunnel driven about 35 ft, about 55 oz Au reported to have been mined. Qz vein above old tunnel contains a little cp and visible Au	Overbeck, 1919, p. 121; Cobb, 1972f; 1978e, p. 71
5	Miner Island	58°01'N, 136°21'W	P	--	Au?	Au prospect in albite qz diorite. This may be the same as Yakobi Island (no. 4)	Buddington and Chapin, 1929, p. 378; Cobb, 1978e, p. 36
6	Marvitz	58°07'N, 136°25'W	P	Vein	Au,Pb	Qz veins that appear to be lenticular and as much as 5 ft thick and andesite dikes occupy closely spaced joints in qz-sericite schist and slate. Veins carry free Au, oy, aspy, and gn. In late 1920's or early 1930's the prospect was developed by 3 tunnels, the longest about 210 ft long. No record of any production	Reed, 1938, p. 75-76; Berg and Cobb, 1967, p. 143; Cobb, 1972f; 1978e, p. 35
7	--	58°07'N, 136°26'W	O	Placer	Au	Beach gravel at mouth of a small stream contains a little Au. Vein from which Au was derived probably crops out on cliff to west 800-1,000 ft above sea level	Rossman, 1959b, p. 211; Cobb, 1972f; 1978e, p. 72
8	Inian Islands	58°14'N, 136°19'W location approx.	C	Lode	Fe	--	U.S. Bureau of Mines, 1978f
9,10	Lemesurier Island	58°15'- 58°17'N, 136°04'-136°06'W	P	Vein (veinlets) disseminated	Asbestos,Cu, Mo	At loc. 9, qr-pyx hornfels at contact between marble and qz diorite contains mo along small gash veins and disseminated in contact rock. Mo generally sparse, but small pockets form several percent of rock. Deposit also contains cp and gp. Developed by a 78 ft tunnel and a 25 ft crosscut; no record of production. At SW headland of Willoughby Cove (loc.10) small veins in limestone contain qz, gr, ep, mo, cp, and bn. Paligorskite, an asbestos-like mineral, occurs in or on top of beds near the top of a Silurian limestone formation; it has been found on limestone beneath soil cover, in a solution cavity, and in near-surface fractures cut by calc veinlets. Most of material in two deposits has been removed	Buddington, 1926, p. 55-56; Reed, 1938, p. 74; Smith, 1942b, p. 176-177; Rossman, 1963b, p. K51-52; Berg and Cobb, 1967, p. 145; Cobb, 1972f; 1978e, p. 28-29
11	--	58°16'N, 136°05'W location approx.	C	Lode	Ni	--	U.S. Bureau of Mines, 1978f

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
12	Triangulation Station Garnet	58°19'N, 136°50'W	D	Stain	Cu	Ml and az-stained overhanging sea-cliff of graywacke and schist. Cu-stained area about 10 ft by 5 ft. Sample across Cu-stained zone contained 230 ppm Cu. Investigation of area failed to reveal a source for secondary Cu mineralization, except for the low background values (up to 230 ppm) of Cu in the host rock	Brew and others, 1978, p. C125
13	--	58°21'N, 136°39'W location approx.	C	Lode	Mo	--	U.S. Bureau of Mines, 1978f
14	Taylor Bay	58°21'N, 136°37'W location approx.	M	Placer	Au	Very fine Au in outwash in front of Brady Glacier was mined for a short time in the early 1900's	Rossman, 1963b, p. K50-K51; Cobb, 1972f; 1978e, p. 64
15	Fern Harbor claims	58°18'N, 136°30'W	D	Veins	Cu	Three claim groups (Tomboy, Melvina, and Fern) were staked in 1933; 1978 investigation (Brew and others) revealed narrow qz-carbonate veins in greenstone exposed along shoreline. 1.1 ft long channel across two narrow qz veins and a brecciated zone contained 160 ppm Cu	Brew and others, 1978, p. C271
16	Astrolabe Peninsula	58°22'N, 136°54'W	D	Stratiform: disseminated; massive(?)	Fe,Ti	Ilmenite and mag occur in layered gabbro stock; seem to be concentrated near top of mountain. Float samples from a zone about 900 ft thick that appears to extend through the mountain contained 8%-22% magnetite and 2% ilmenite	Rossman, 1963a, p. F44-F45; Cobb, 1972f; 1978e, p. 10
17-18	Brady Glacier (near snout)	58°23'N, 136°37'W	D	Vein	Au,Cu,Mo	Float specimens of mo-bearing qz have been found on glacier. Small, Au-bearing qz veins in mafic gneiss and diorite; veins commonly only a few inches thick and exposed only short distances along strike. Negligible amounts of Au in one sample. Qz specimens containing free Au found in moraines. Fragments of qz in stream-sediment sample contained finely disseminated py and cp. See also Taylor Bay (no. 14)	Rossman, 1963b, p. K50; Berg and Cobb, 1967, p. 163; MacKevett and others, 1971, p. 67; Brew and others, 1978, p. C268; Cobb, 1972f; 1978e, p. 14
19	Dundas Bay (West Arm)	58°25'N, 136°30'W	D	Disseminated; massive(?)	Ag,Co,Cu	Cp and other sulfide(s) in hornblendite dikes in a gneissic dioritic rock that locally is garnetiferous; grab samples of two small high-grade lenses yielded 18,000 ppm Cu, 3 ppm Ag and 700 ppm Co	MacKevett and others, 1971, p. 71; Brew and others, 1978, p. C270; Cobb, 1972f; 1978e, p. 17
20	"Doc" Silver(?)	58°23'N, 136°37'W	D	Veins	Ag,Au	Reported Au lode probably consists of small, Au-bearing qz veins in dioritic rock. A channel sample of 1.9 ft wide qz-vein containing 0.4 ft gouge zone yielded 250 ppm Pb (AA), 5 ppm Ag (spec), and 0.275 oz Au/ton (fire assay)	MacKevett and others, 1971, p. 67; Brew and others, 1978, p. C268-C269; Cobb, 1972f; 1978e, p. 73
21	--	58°25'N, 136°28'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978f
22-23	Dundas Bay (east side)	58°21'- 58°23'N, 136°16'-136°17'W	D	Vein; disseminated; massive(?)	Au(?),Cu, Mo(?)	Deposit 22 consists of pods of py and minor cp, abundant secondary Fe minerals, and a few qz veins in qz-rich metamorphic rocks in contact with metabasalt. Ml stains a small part of the zone. Analyzed samples contained up to 2,000 ppm Cu and traces of Ag, Mo and Pb. Deposit 23 is Cu-bearing qz veins 1-2 in. thick and about a ft apart in a cataclastic bt-qz diorite. A selected sample of the qz veins contained 1,000 ppm Cu and 300 ppm Mo. Lode Au occurrences reported; could not be found in 1966 (MacKevett and others, 1971); probably is west of area covered by coordinates for locs. 22-23	MacKevett and others, 1971, p. 67, 70; Brew and others, 1978, p. C270; Cobb, 1972f; 1978e, p. 16
24	East of Dundas Bay	58°21'N, 136°10'W	D	Disseminated	Fe	Reported Fe deposits probably in mag-rich skarn. Also, claims for hem reported	MacKevett and others, 1971, p. 70; Brew and others, 1978, p. C270; Cobb, 1972f; 1978e, p. 16

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
25	Storm's Iron Prospect (Iron Mountain; Dundas Bay Iron)	58°23'N, 136°15'W location approx.	0	Massive	Fe	Mag pods up to 30 ft wide, occur in a 500 ft long zone in limestone near an igneous contact. Analyses of 5 samples in 1917 indicated mag to be quite pure. Four lode claims reported in 1903. Recent (Brew and others) investigation did not find occurrence possibly because of vegetation cover	Brew and others, 1978, p. C369
26	Southwest of Alaska-Chief Prospect	58°26'N, 136°09'W	0	Vein	Zn	A 3-ft wide mineralized shear zone occurs in granitic rock approx 1 mi southwest of Alaska Chief Prospect. MacKevett (1971) reports that a grab sample contained 1,500 ppm Zn, 300 ppm Pb, 70 ppm Cu, and 0.2 oz Ag per ton	MacKevett, 1971, p. 53, 55, loc. no. 30; Brew and others, 1978, p. C369
27	Alaska Chief	58°27'N, 136°07'W	P	Massive	Ag,Au,Co(?), Cu,Zn	Massive sulfides (cp, py, po and probably sl) in tactite, hornfels, and marble near contact of a granitic mass; some surface oxidation; gangue is mainly calc with smaller amounts of qz. Workings consist of a scraped area about 150 ft by 55 ft and a 40 ft adit; work probably done in early 1900's. Chip samples of stripped area contained as much as 15,000 ppm Cu, 700 ppm Zn, 300 ppm Co, 8 ppm Au (0.232 oz per ton), and 150 ppm Ag (4.377 oz per ton). Indicated resource is estimated to be 27,000 tons containing 1% Cu, 0.1 oz. Au/ton, and 2 oz. Ag/ton. Lateral extent of deposit and grade at depth not known	Reed, 1938, p. 72-73; Rossman, 1963b, p. K49; Berg and Cobb, 1967, p. 162; MacKevett and others, 1971, p. 3; Brew and others, 1978, p. A8-A9, C353; Cobb, 1972f; 1978e, p. 7-8
28	Palma River Copper Stain	58°25'N, 137°01'W	0	Stain	Cu	Large ml and az stain on a cliff in amphibolite schist. Samples across amphibolite schist near Cu stain contained up to 220 ppm Cu. Brew and others (1978) investigation failed to reveal source of secondary Cu minerals, except for values (up to 220 ppm) of Cu in the amphibolite schist	Brew and others, 1978, p. C125
29	De Langle Mt.	58°24'N, 136°55'W	C,P	Stratiform	Fe,Ti	Mag-rich zones in Astrolabe-De Langle layered gabbro stock; probably contain about 10% Fe; one layer 2 ft. thick and 225 ft. long said to contain about 64% Fe, 20% Ti, and 0.28% Ni	Brew and others, 1978, p. C119-C123
30	Abyss Lake	58°26'N, 136°37'W	0	Massive	Ag,Cu,Fe	Mag-garnet lenses (as large as 30 ft long and 10 ft thick) with minor cp and py between marble and granite. Sample from one lens contained 1.5 ppm Ag	MacKevett and others, 1971, p. 72; Cobb, Brew and others, 1978, p. C267; Cobb, 1972f; 1978e, p. 5
31	Dundas River	58°27'N, 136°23'W location approx.	P	Placer	Au	Placer Au has been recovered from glacially derived gravels. Amount recovered not known, but undoubtedly very small. See also Valley of Tears (no. 33); may be same prospect	Rossman, 1963 b, p. K50; MacKevett and others, 1971, p. 67; Cobb, 1972f; 1973, p. 105; 1978e, p. 18
32	South Wood Lake	58°29'N, 136°29'W	0	Placer	Au(?)	Au placer reported in the upper Dundas River drainage; not confirmed during U.S.G.S. investigation; may be same as loc. 31	Brew and others, 1978, p. C264
33	Valley of Tears Placer	58°31'N, 136°22'W	P(?)	Placer	Au	Placer Au reported in the upper Dundas River drainage. All concentrates contained free Au. All samples contained a trace of Au which calculated to approximately 0.5-1.5 cents per cubic yard. Petrographic examination of one sample showed less than 0.5% heavy minerals. Material at site consists of reworked glacial deposits. No record of production. Also see Dundas River (no. 31)	Brew and others, 1978, p. C363-C364

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
34-35	Mt. Marchainville	58°28'N, 137°05'W	D	Stain; disseminated(?)	Cu,Fe,Ti	Cu-stained gneiss outcrops, and Fe-stained layers up to 50 ft thick that contain from 5 to 11% il	MacKevett and others, 1971, p. 39-40; Brew and others, 1978, p. C112; Cobb, 1972f; 1978e, p. 39
36	--	58°30'N, 137°03'W	D	Disseminated	Cu,Ni	Lenses of disseminated Ni-bearing po in diorite. Exposures are in cliff at head of glacier which issues from Mt. LaPerouse. Largest lenses are 10 ft wide and 500 ft long. Analysis of float from lenses contains 0.83% Ni and 0.18% Cu	Brew and others, 1978, p. C111
37-38	--	58°30'N, 137°04'-137°05'W	O	Stratiform: disseminated; vein(?)	Ti	Il-rich section of the Crillon-La Perouse stock, at south side of Finger Glacier. At one site, samples contained up to 2.5% il and 0.1 to 1% Cu and 1-10% Pb. At another location, samples contained 0.1 to 1% Cu; Pb and Sn; and 1-10% Ti	Brew and others, 1978, p. C111
39	Brady Glacier	58°33'N, 136°56'W	D	Stratiform(?): massive; vein; disseminated	Co,Cu,Ni, Pt	Deposit occurs near east edge and probably near base of a large mafic and ultramafic layered pluton, that elsewhere is exposed over a vertical range of about 32,000 ft. Deposit is mainly beneath glacier, but is exposed in small nunataks and partially explored (largely by drilling through ice) by 46 diamond-drill holes. Ore minerals (listed in order of abundance) are py, pent, and cp, which occur as small, massive sulfide bodies and as disseminated grains in all rock types, except for a few aplite dikes. Overall average grade of nunataks is probably less than 0.5% each of Ni and Cu; sulfide masses run 2-3% Ni, 1%-1.21% Cu, and 0.25% Co. Indicated resource estimated at 90-100 million tons containing 0.53% Ni and 0.33% Cu, plus an unknown amount of Pt-group metals. Analyses for Pt-group metals on 17 samples showed average contents as follows: massive sulfide 1.29 ppm; gabbroic rocks with disseminated sulfide. 0.18 ppm; and ultramafic rocks with disseminated sulfide, 0.23 ppm. Radar measurements of ice thicknesses suggest that deposit may have been removed by erosion a short distance north of nunataks	Cornwall, 1971, p. 440; McGee, 1974, p. 8; U.S. Geological Survey, 1976, p. 6-7; Barnes and Watts, 1977, p. B93-B95; Brew and others, 1978, p. C96-C101; Cobb, 1972f; 1978e, p. 12-13
40	Threesome Mtn.	58°32 N, 136°34 W	C,P	Vein; disseminated(?)	Ag,Cu(?),Mo,W	Porphyry mo deposit in Tertiary granodiorite stock. Fracture coatings and fillings up to 0.2 ft. (average about 0.08 ft.) thick contain qz, mo, and sc. Samples contained 2,000 or more ppm Mo, and as much as 7 ppm Ag, 330 ppm Cu, and 4,900 ppm W. Some exploratory drilling in 1969	Brew and others, 1978, p. C252-C256
41	--	58°32'N, 136°31'W	O	Unknown	Mo	Rock sample collected in 1975 contained 700 ppm Mo	Brew and others, 1978, p. C267
42	Wood Lake	58°32'N, 136°29'W location approx.	M	Placer	Au	Placer Au has been mined from glacially derived gravels	Rossman, 1963b, p. K50; Cobb, 1972f; 1978e, p. 70
43	West of Blackthorn Peak	58°34'N, 136°35'W location approx.	D	Unknown	Fe	Magnetic anomaly reported about 6 mi northwest of Blackthorn Peak (Brew and others, 1978)	MacKevett, 1971, p. 72; Brew and others, 1978, p. C267
44, 47	Geikie Inlet	58°35'N, 136°32'W	D	Vein	Mo	44: Molybdenite in tactite reported before 1930. U.S.G.S. investigators (MacKevett and others) found no mo or signs of old workings during a brief examination. 47: Four Mo? claims were staked on Blackthron Peak in 1958; assessment work, 1959; claims originally staked for Ni	Brooks, 1922, p. 24; Buddington and Chapin, 1929, p. 329-330; Smith, 1942b, p. 178; MacKevett and others, 1971, p. 78-79; Brew and others, 1978, p. C266; Cobb, 1972f; 1978e, p. 21
		58°35'N, 136°34'W	P(?)	Vein	Mo(?),Ni(?)		

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
45	Geike Inlet	58°35'N, 136°30'W location approx.	P	Disseminated(?)	Au,Cr	Chromite with subordinate clinochlore; cr occurs in blebs in lamprophyre dikes in diorite near a dunite body. Chip sample from lamprophyre dike contained 0.10 ppm Au. Eight claims staked for cr in 1957	Brew and others, 1978, p. C-266
46	--	58°36'N, 136°32'W location approx.	C	Lode	Ni	--	U.S. Bureau of Mines, 1978f
47	(see 44)						
48	Deleted						
49	Willoughby Island (west)	58°36'N, 136°08'W	P	Massive(?)	Ag,Au,Cu, Pb,Sb	Island is mainly limestone and marble in places cut by lamprophyre dikes. Deposit in northeast part of the island is a replacement body of py, lo, and cp. At least three similar deposits on the island have been reported. Deposit on the southwest side of the island is at the intersection of two lamprophyric dikes; sulfides include cp, py, td; some Ag ore reported to have been mined. Sample contained 25% Pb, 25% Sb, and 1.74 oz Au and 42 oz Ag per ton. Jamesonite also reported	Reed, 1938, p. 70-72; MacKevett and others, 1971, p. 39-40; Brew and others, 1978, p. C353, C367-C368; Cobb, 1972f; 1978e, p.69
50		58°36'N, 136°07'W	P(?)	Massive(?)	Cu		
51	--	58°36'N, 136°06'W location approx.	C	Lode	Au,Pb,Sb	--	U.S. Bureau of Mines, 1978f
52	Francis Island	58°38'N, 136°11'W	P	Vein(?); disseminated(?)	Ag,Au,Cu Zn(?)	Marble intruded by qz-diorite body; contact aureole is hornfels and tactite 5 ft wide. Silicified fault zone as much as 10 ft wide along contact between qz-diorite and tactite contains irregularly distributed cp, bn, ml, sl(?), td(?), cc(?), and py; secondary Fe minerals, and possibly pyr. Samples from fault zone contained as much as 7,000 ppm Cu; 1,000 ppm Zn; 200 ppm Sb; 150 ppm Bi; and 1.46 oz (50 ppm) Ag per ton. Old propsect (now covered by landslide debris) reported to have carried Au and Ag values in bn	Buddington, 1926, p. 56; MacKevett and others, 1971, p. 40, 45-46; Cobb, 1972f; 1978e, p. 19
53	South Marble Island	58°39'N, 136°03'W	O	Massive(?); vein; disseminated(?)	Cu	Pods(?) of Fe and Cu sulfide minerals (py, po, cp, and cv) in marble near dark-colored fine-grained porphyritic dikes and in joints in the dikes	Reed, 1938, p. 69; Cobb, 1972f; 1978e, p. 60
54	North Marble Island	58°40'N, 136°04'W	O	Massive(?); vein	Cu,Fe,Zn	Marble cut by lamprophyre dikes. Sulfides in pods as much as 1.5 ft thick and 15 ft long in marble, near and along dikes and in many joints in dikes. Sulfides identified are py, po, cp, cv, and sl; mag also present	Reed, 1938, p. 69; Rossman, 1963b, p. K51; MacKevett and others, 1971, p. 44; Cobb, 1972f; 1978e, p. 41
55	Shag Cove	58°39'N, 136°21'W	O	Veins; massive(?)	Ag,Co(?),Cu	Po, py, cp, az, and cu(?) in small sulfide-rich pods in sheared and altered zone in quartzose rocks. Sample from largest (3 ft long, 1/2 ft thick) pod contained 3,000 ppm Cu, 700 ppm Zn, 200 ppm Co, and a trace of Ag	MacKevett and others, 1971, p. 51; Cobb, 1972f; 1978e, p. 58

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
56	North Shore of Geike Inlet	58°40'N, 136°23'W	0	Disseminated(?)	Cu,Mo	Sulfide-bearing greenschist. MacKevett (1971) reports that a select grab sample contained 10 ppm Mo and 150 ppm Cu	MacKevett, 1971, p. 79, loc. no. 48; Brew and others, 1978, p. C366
57	Charpentier Inlet	58°40'N, 136°26'W	0	Disseminated(?)	Au,Cu,Mo	Altered zone about 50 ft wide occurs in fine-grained diorite. MacKevett (1971) reports that a chip sample across richest section of zone contained a trace of Au, 150 ppm Cu, 7 ppm Mo and 1% Ti	MacKevett, 1971, p. 79, 82, loc. no. 47; Brew and others, 1978, p. C251
58	Fourth of July Mountain	58°39'N, 136°43'W	0	Disseminated(?)	Ag,Cu,Mo	Heavily red-brown stained gossans in steep gully; zone of gossans is 75 ft wide; length uncertain. Considerable sericitization and chloritization in altered host rock. Two composite grab samples of float and a third from material in place contain 130-160 ppm Cu, nil to 20 ppm Mo, and 0.5 to 2 ppm Ag. Petrographic samples of gossan contain traces of cp	Brew and others, 1978, p. C251
59	South Crillon Glacier	58°38'N, 137°19'W	0	Stratiform: disseminated(?)	Au,Co,Cr,Cu Fe,Ni,Ti	Fe-stained shear zones as much as 20 ft. thick in layered gabbro near basal contact with amphibolite schist. One 6-8 ft. thick zone contained a small pod of po, cp, and pent; sample contained 3,000 ppm Cu, 2,500 ppm Ni, and 700 ppm Co. Sample across rest of zone, which carries disseminated sulfides, contained smaller amounts of these elements and as much as 0.10 ppm Au. Intrusive contains il-rich zones. Cr has been found in float on the glacier, but was not in place	Kennedy and Walton, 1946, p. 71; Rossman, 1963a, p. F42; Berg and Cobb, 1967, p. 195; MacKevett and others, 1971, p. 40; Cobb, 1972f; 1978e, p. 59; Brew and others, 1978, p. C101-C105
60	North Crillon Glacier	58°39'N, 137°19'W	0	Stratiform: massive(?); disseminated, vein	Cu,Fe,Pt, Ti,Cr	A layer approximately 5 ft thick in mafic pluton extends for several thousand feet along south wall of valley and contains as much as 60% ilmenite, and 2-3% po and cp. Fragments of amphibole-qz schist and qz-gr veins are stained with Cu carbonates. Chip samples of an accessible shear zone with po, cp, and il contained as much as 980 ppm Cu, 3,000 ppm Ni, and 0.70 Pt. Chromite has been reported in float; none found in place	Kennedy and Walton, 1946, p. 71; Berg and Cobb, 1967, p. 195; MacKevett and others, 1971, p. 39-40; Brew and others, 1978, p. C109; Cobb, 1972f; 1978e, p. 40; Brew and others, 1978, p. C106-C107
61		58°41'N, 137°17'W	0	Stratiform: massive(?); disseminated, vein	Cu,Fe,Ti, Cr		
62		58°42'N, 137°16'W	0	Stratiform: massive(?); disseminated, vein	Cu,Fe,Ti, Cr		
63	--	58°40'N, 137°17'W	0	Stratiform: massive(?); disseminated, vein	Ti	Extensive Fe-stained zone on a steep mountain face in the gabbro stock. Grab sample of Fe-stained rock contained greater than 1% Ti	Brew and others, 1978, p. C109
64	Helicopter Pilot's Molybdenum (Mt. Orville)	58°43'N, 137°16'W	0	Disseminated(?)	Mo(?)	In 1976 a helicopter landing was made at this precarious spot to examine prominent Fe-stained zone. Rock fragment from this area may have contained mo	Brew and others, 1978, p. C124
65	North Crillon Glacier	58°38'N, 137°26'W	0	Stain (float)	Cu	Ml and az secondary Cu stain on amphibolite schist float in glacial moraine. Large blocks of Cu-stained material found for at least 1000 ft	Brew and others, 1978, p. C110
66	--	58°40'N, 137°26'W	0	Disseminated(?)	Ag,Au, Cu	Large area of Fe-stained amphibolite schist that contained up to 240 ppm Cu. Sample across sulfide-bearing seam 10 ft long and up to 0.4 ft wide contained 800 ppm Cu, 0.15 ppm Au and 7 ppm Ag	Brew and others, 1978, p. C125
67	Fall Creek	58°37'N, 137°3D'W	0	Disseminated	Ag,Au,Mo,W	Au and Ag values are reported from samples of yellow- and red-stained hydrothermally altered zones in sedimentary and volcanic rocks. Channel sample taken across a jasper-rich zone in greenstone assayed 0.02 oz Ag per ton; abundant finely disseminated py and a trace of pow occur in the greenstone. Rossman (1959a) reports most zones contained no precious metal values; best values obtained were from a sample near Upper Coal Creek that contained 0.24 oz Au per ton and 0.02 oz Ag per ton	Rossman, 1959a, p. 57-58; MacKevett, 1971, p. 64; Brew and others, 1978, p. C94

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
68	Lituya Bay area	58°38'N, 137°29'W	O	Vein; disseminated(?)	Cu	Au, Pt, and other heavy minerals in placer, thin and patchy, deposits on modern and old raised beaches; all mining small scale; heavy minerals are gr, mag, Il, Au and Pt. Beach deposits contain as much as 16.5 lb Fe, and 90.1 lb TiO_2 per cubic yard of material in places. Source of heavy minerals is layered mafic and ultramafic plutons in Fairweather Range. Gabbro dike exposed on shore of S.E. arm of bay contains irregular veinlets and blebs of po and cp. Beach placers discovered and mined by Russians prior to 1867; Americans began mining in about 1890. Total production through 1917 was about 3,625 fine oz. of Au, plus a little Pt. Mining continued until as recently as 1940, but production was small. Placers might be worked under favorable economic conditions for Au; constitute a potential resource of Ti and possibly Fe (MacKevett and others, 1971)	Mertie, 1933, p. 133-135; Kennedy and Walton, 1946, p. 71; Rossman, 1957; MacKevett and others, 1971, p. 67-69; Brew and others, 1978, p. C93; Cobb, 1972f; 1978e, p. 32-34
69	Lituya Bay area	58°39'N, 137°29'W	P(?)	Disseminated(?)	Au		
70	Lituya Bay area	58°40'- 58°47'N, 137°41'-137°55'W	M	Placer	Au,Pt;Fe, Ti		
71	Lituya Bay area	58°32'- 58°35'N, 137°25'-137°35'W	M	Placer	Au,Pt;Fe, Ti		
72	Oregon King Consolidated	58°30'N, 137°23'W	P	Placer	Au	36 placer claims, mainly on beaches; probably include a few stream and terrace deposits as well as beach placers. Intermittent exploration in early 1960's	MacKevett and others, 1971, p. 67-68; Cobb, 1972f; 1978e, p. 45
73	--	58°25'- 58°27'N, 137°09'-137°14'W location approx.	C	Placer	Fe	Beach placer claims	U.S. Bureau of Mines, 1978f
74	Desolation Valley	58°45'N, 137°35'W	O(?)	Stain, disseminated	Unknown	Fe-stained area in hornblende gneiss containing disseminated po; zone is up to 40 ft by 150 ft. Random composite chip sample taken over much of stained area contained no significant metal values	Brew and others, 1978, p. C124
75	North Side of Desolation Glacier	58°47'N, 137°34'W	O	Disseminated	Au,Cu,Ni, Ti(?)	Disseminated Ni-bearing po, py and cp in gabbro or diabase dike with an average width of 5-6 ft, and exposed for about 200 ft. Analysis indicates average grade is 0.59% Ni, and 0.62% Cu, 0.01 oz Au per ton, and an estimated 2-5% Ti	Brew and others, 1978, p. C124
76	Contact Nunatak	58°43'N, 136°47'W	O	Disseminated	Au,Mo	Py and po occur as disseminations in limestone near a contact with biotite-hornblende granodiorite. Chip sample taken for 6.0 ft across Fe-stained hornfels band contained 0.20 ppm Au, 5000 ppm As and 10 ppm Mo, second chip sample across limestone with py contained 0.10 opm Au, 10,000 ppm As and 20 ppm Mo	MacKevett, 1971, p. 79; Brew and others, 1978, p. C250-C251

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATIDN	CATEGORY	FORM OF DEPOSIT	RESDURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
77	Gilbert Island	58°47'N, 136°34'W	P	Vein	Ag,Au,Cu, Mo,Pb,Zn	Stockworks of numerous qz veinlets in bleached and altered bt-hnbd qz-diorite in west and southwest parts of island and on small adjacent unnamed island. Veinlets (generally less than 3 inches thick) have minor amounts of cp and mo. Selected specimen contained 7,000 ppm Cu; 2,000 ppm Mo; and 0.292 oz Ag per ton. Also reported are td, gn, sl, py and free Au	Rossman, 1963b, p. K49-K50; Berg and Cobb, 1967, p. 161; MacKevett and others, 1971, p. 50-51; Cobb, 1972f; 1978e, p. 22
78	(Unnamed island)	58°46'N, 136°33'W	P	Vein	Cu,Mo		
87	Gilbert Island	58°49'N, 136°36'W	P	Vein	Mo		
79	Blue Mouse Cove	58°48'N, 136°30'W	0	Vein	Ag,Au,Pb, Zn	Qz vein about one ft thick in 4-ft wide shear zone in granitic rocks contains td, py, and Au. Sample, possibly not from same spot, contained an unidentifiable Zn mineral and a trace of Ag. A chip sample across the richest 2.5 ft of the 4 ft zone yielded 680 ppm Zn, 220 ppm Pb, 7 ppm Ag and 300 ppm As	Rossman, 1963b, p. K50; MacKevett and others, 1971, p 50, loc. no. 42; Brew and others, 1978, p. C248-C249; Cobb, 1972f; 1978e, p. 11
8D	Tidal Inlet	58°48'N, 136°21'W	P	Vein	Co,Cu,Ni	Sample of sulfide-bearing qz veins in marble near contact with diorite carried 1,000 ppm Cu, 20D ppm Ni, and 300 ppm Co. Sulfides are py, cp, and po(?). Claims for Cu reportedly staked in the area	MacKevett and others, 1971, p. 50; Brew and others, 1978, p. C350; Cobb, 1972f; 1978e, p. 65
81	Southwest of the Head of Lamplugh Glacier	58°47'N, 136°54'W	0	Disseminated	Au,Cu,Mo, Ni	Fe-stained altered zone in hornfels near contact with sheared leuco-adamellite and hornblende andesite. Disseminated py occurs in stained zone which is at least 40 ft wide and 150 ft long. Grab sample of best-appearing material in stained zone contained trace Au, 150 ppm Cu, 150 ppm Co, 200 ppm Cr, 20 ppm Mo and 300 ppm Ni	MacKevett and others, 1971, p. 79; Brew and others, 1978, p. C175
82	Lamplugh Glacier	58°49'N, 136°55'W	0	Vein; disseminated; massive	Ag,Au,Co, Cu,Mo,Ni	Cu stain on wallrock adjacent to nearly vertical pyrite-bearing qz-veins as much as 10 in. thick in hornfels; abundant py throughout zone, occurring as disseminations and in massive stringers and lenses up to 5 ft wide. Chip sample across heavily Fe-stained zone contained 230 ppm Cu and 0.5 ppm Ag. Two composite chip samples across zone contained 0.20 ppm and 0.25 ppm Au and 10 ppm Mo	MacKevett and others, 1971, p. 52; Brew and others, 1978, p. C174; Cobb, 1972f; 1978e, p. 27
83	South end of the Parker nunatak	58°48'N, 136°40'W	0	Massive(?)	Au,Mo	Fe-stained altered zones occur in metamorphic rocks near contact with granodiorite. Small pods of massive py a few tenths of a foot long in altered zones. Random chip sample taken for 15 ft across Fe-stained zone contained trace Au and 10 ppm Mo; two chip samples from similar zone contained 5 ppm Mo each	MacKevett, 1971, p. 79; Brew and others, 1978, p. C247
84	East of the head of Reid Glacier	58°47'N, 136°46'W	0	Massive	Ag,Au,Cu	Banded sulfides comprising py, aspy, and cp occur in Fe-stained ep-garnet skarn. Sulfide-rich zones are up to 3 ft in width. Composite grab sample of py zone contained a trace of Au, 15% Fe, and greater than 5,000 ppm Mn; other grab sample from 3-ft wide stained zone with massive py contained 0.15 ppm Au, 730 ppm Cu, 1.5 ppm Ag and greater than 20% Fe. Chip sample across 2.5 wide stained zone contained 1,100 ppm Cu, 1.0 ppm Ag, greater than 20% Fe	Brew and others, 1978, p. C248

MAP NO.	NAME(S) (if known)	MAP COOROINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
85	--	58°48'N, 136°45'W	O	Disseminated(?)	Au,Mo	Py occurs in a 7 ft wide, Fe-stained zone in hornfels and marble. Chip sample taken for 7 ft across stained zone contained a trace of Au and 5 ppm Mo	Brew and others, 1978, p. C247
86	East of Reid Glacier	58°49'N, 136°46'W	O	Vein	Au,Cu	Qz veins between 1 and 2 ft wide containing small amounts of sulfides occur in metamorphic rocks, mainly marble. Two Fe-stained zones, each 10 ft wide also occur in the metamorphic rocks. Select grab sample from altered zones contained a trace of Au and 300 ppm Cu. Qz vein sample contained a trace of Au and 1000 ppm Cu	MacKevett, 1971, p. 52; Brew and others, 1978, p. C247
88	Gilbert Island	58°50'N, 136°36'W	O	Disseminated(?)	Cu(?),W	One ft wide tactite zone occurs in marble. MacKevett (1971) reports that a select grab sample contained 150 ppm Cu, and 150 ppm W	MacKevett, 1971, p. 37, 84, loc. no. 43; Brew and others, 1978, p. C248
89	Adams Inlet	58°51'N, 136°03'W	P	Vein	Mo	Molybdenite is reported to occur on fracture surfaces in metamorphic rocks; granitic rocks nearby; deposit is probably contact metamorphic in origin	Buddington and Chapin, 1929, p. 330; Smith, 1942b, p.178; Cobb, 1972f; 1978e, p. 6
90	Mt. Copper	58°51'N, 136°59'W	O	Disseminated(?)	Au,ba,Cu, Mo,Zn	Weakly mineralized altered zones occur in Fe-stained pyritic hornfels. Random grab sample in zone contained 0.10 ppm Au. MacKevett (1971) reports a composite grab sample in Fe-stained hornfels contained 15,000 ppm Ba, 300 ppm Cu, 15 ppm Mo, and 300 ppm Zn	MacKevett, 1971, p. 55, loc. no. 66; Brew and others, 1978, p. C173
91	Rambler	58°50'N, 136°53'W	P	Vein	Ag,Au,ba, Pb,Zn	Veins that pinch and swell (about an inch to 3 ft) cut granodiorite that contains screens of metamorphic rock and is cut by mafic dikes. Veins contain qz, calc, feldspars, ba, aspy, py, gn, and traces of Au. Assay of 6.45 oz Au and 1.72 oz Ag per ton are reported. Float contains abundant gn and sl and free Au. Claim staked in 1936, examined and sampled by major mining company in 1937	Reed, 1938, p. 65; Rossman, 1959a, p. 35-38,55; MacKevett and others, 1971, p. 64; Brew and others, 1978, p. C210, C230-233
92	Highland Chief	58°51'N, 136°51'W	P	Vein	Ag,Au,Pb	Country rock is amphibolite, schist, and marble locally intruded by granodiorite. Qz veins that contain free Au, aspy, and gn are as much as 2 ft. thick (main vein is as much as 6 ft. thick) and can be traced for as much as 700 ft.; pinch out to north and are covered to south. One sample assayed 3.49 oz. Au and 1.25 oz. Ag per ton. Prospect is snow covered for much of year	Rossman, 1959a, p. 37-38; MacKevett and others, 1971, p. 63-64; Cobb, 1972f; 1978e, p. 23; Brew and others, 1978, p. C222-C230
93	Galena	58°51'N, 136°50'W	P	Vein	Ag,Au,Pb, Zn	Vein of banded, vuggy qz 4-18 in. thick exposed for about 60 ft. Country rock is granodiorite with subordinate schist and a few lamprophyric dikes. Vein 12 in. wide; assays showed 0.16 oz Au and 0.30 oz Ag per ton, and 0.79% Zn. Vein contains abundant py, sl, and gn. About 30 tons of ore (probably decomposed surface material) was reported to have been mined in 1939	Reed, 1938, p. 63; Twenhofel and others, 1949, p. 31, 33; Rossman, 1959a, p. 37-38; MacKevett and others, 1971, p. 63; Cobb, 1972f; 1978e, p. 20
94	Whirlaway	58°51'N, 136°47'W location approx.	M	Vein	Au	Vertical qz-calc veins as much as 1 ft thick that pinch and swell in fine-grained diorite or qz diorite; can be traced for about 60 ft; contain sparse pyrite and arsenopyrite. Weathered surface material has been mined and sluiced, free Au recovered. Samples collected in 1966 were virtually barren	Rossman, 1959a, p. 56; MacKevett and others, 1971, p. 63; Cobb, 1972f; 1978e, p. 68

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
94	--	58°51'N, 136°47'W location approx.	O	Vein	Au,W(?)	Au-bearing qz? vein in shattered metasedimentary rock. Reported to contain a little scheelite. In most places vein is covered by slumped debris	Rossman, 1959a, p. 56; Cobb, 1972f; 1978e, p. 74
94	Hopalong	58°51'N, 136°47'W location approx.	M	Vein	Au	Vertical qz-calc veins that pinch and swell are as much as 1 ft thick; in fine-grained diorite or qz diorite, can be traced about 60 ft; contain sparse py and aspy and probably erratically distributed Au. Au reported to have been recovered from weathered surficial parts of veins. Minor production reported	Rossman, 1959a, p. 38-56; Berg and Cobb, 1967, p. 160; MacKevett and others, 1971, p. 63; Cobb, 1972f; 1978e, p. 24
95	Sunrise	58°51'N, 136°48'W	P	Vein; massive(?)	Ag,Au,Cu, W(?)	Small pods of sulfides, mainly cp and po, are contained in altered zones in marble and hornfels cut by lamprophyre dikes. Small qz vein about parallel to bedding contains small amounts of Au and Ag and some py. Also a report of scheelite being found nearby	Reed, 1938, p. 64; Rossman, 1959a, p. 56; MacKevett and others, 1971, p. 62-63; Cobb, 1972f; 1978e, p. 61
96	Incas	58°52'N, 136°50'W	M	Vein	Au	Qz lenses in fault zone along which granodiorite wallrock is hydrothermally altered contain minor amounts of calc, sulfides (chiefly aspy), and sporadically distributed Au. Mine consists of about 200 ft of underground workings; all production (probably small) was from trench along outcrop of the fault zone and consisted of weathered lode material. Hydrothermally altered granodiorite contains traces of Au and sulfides	Rossman, 1959a, p. 37-39; MacKevett and others, 1971, p. 62; Cobb, 1972f; 1978e, p. 25
97	Monarch	58°52'N, 136°51'W	M	Vein	Au,Pb,REE	Altered zones in granodiorite contain qz lenses and thin veins with gouge. Some of altered granodiorite contains allanite; qz contains aspy, py, gn, and free Au. Explored by 2 adits about 210 and 120 ft long, short drifts and a small stope. Ore, mainly weathered material from surface at Monarch No. 1 workings, taken to Lemesurier I. for milling. Deposits discovered in 1924; development and mining from about 1941 to 1947 or 1948	Rossman, 1959a, p. 48-52; MacKevett and others, 1971, p. 60-62; Cobb, 1972f; 1978e, p. 37
98	Ptarmigan Creek	58°52'N, 136°52'W	O	Vein	Zn	Discontinuous lenticular qz vein exposed in a fault zone contains sl, aspy, and py. Fault can be traced for 4,500 ft; wallrock altered along entire length	Rossman, 1959a, p. 55-56; Cobb, 1972f; 1978e, p. 47; Brew and others, 1978, p. C242-C245
99	LeRoy	58°53'N, 136°53'W	M	Vein	Ag,Au,Cd, Cu,Pb,Zn	Veins and veinlets contain qz and minor amounts of feldspar, calc, clay minerals, Au and Ag, and the sulfides aspy, py, gn, sl, and cp. Veins transect steeply dipping metamorphic rocks that form a screen between granitic bodies. Au occurs in discontinuous qz veins and (less commonly) in narrow altered zones along veins. Samples contained as much as 10.34 oz Au and 7.40 oz Ag per ton; 1,000 ppm Cd; 70 ppm Cu; 1,500 ppm Pb; and 15,000 ppm Zn. Mine developed by four adits on LeRoy vein (as much as 3 ft thick); most of ore mined out from stopes above and below main adit level. Total production about $100,000 (2,857 fine oz) in Au. Claim staked in 1938 and mined until at least 1945	Twenhofel and others, 1949, p. 32-34; Rossman, 1959a, p. 38-39; Berg and Cobb, 1967, p. 160; MacKevett and others, 1971, p. 55-59; Cobb, 1972f; 1978e, p. 30-31

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
100	Parker, A.F.	58°53'N, 136°54'W	M	Vein	Ag,Au,Pb	Qz veinlets 1/2 to 1 in. thick in 10 in. of gouge in a fault zone in granodiorite contain gn, py, and free Au. Values spotty; one sample of crushed qz contained 5.13 oz. Au and 1.55 oz. Ag per ton. Property staked in 1938; 7-8 tons of ore was mined by July, 1940	Twenhofel and others, 1949, p. 33-34; Cobb, 1972f; 1978e, p. 46; Brew and others, 1978 p. C232, C234-C236
101	Richtmeyer	58°53'N, 136°56'W location approx.	P(?)	Vein(?)	Au(?)	Au claim. No specific data; probably on qz veins in granitic rock near contact with hornfels	MacKevett and others, 1971, p. 56; Cobb, 1972f; 1978e, p. 55
102	Rainbow	58°53'N, 136°51'W	M	Vein; disseminated(?)	Ag,Au,Pb, Zn	Qz-calc vein in steeply dipping altered zone in granodiorite and alaskite; traced for about 1/2 mi. Ore mined from brecciated vein material that contains Au and a mineral assemblage similar to that at LeRoy Mine (map no. 99). Workings consist of an adit 180 ft long (portal 15 ft above sea level), short crosscut and stopes and a small pit near southwesternmost outcrops of zone. Altered rock along fault also contains a little Au. Samples contained as much as 10.2 oz Au and 2.04 oz Ag per ton; 1,500 ppm As; 500 ppm Pb; and 2,000 ppm Zn. Mine worked in 1945 and shortly thereafter; no production figures available, but probably second only to LeRoy mine in Reid Inlet area	Reed, 1938, p. 63; Twenhofel and others, 1949, p. 31, 33-34; Rossman, 1959a, p. 37-39, 52-54; MacKevett and others, 1971, p. 59-60; Cobb, 1972f, 1978e, p. 49-50
103	Sentinel	58°52'N, 136°50'W	M	Vein; disseminated	Au,Pb	Ore localized along a steep one-ft-thick hydrothermally altered zone in granodiorite. Sparse amounts of gn, and other sulfides, abundant secondary Fe minerals and erratically distributed Au. Similar altered zones exposed nearby; sample from ore yielded negligible Au values. An unknown, but undoubtedly small, amount of Au was recovered from decomposed material. Mine was staked in 1936	Rossman, 1959a, p. 37-38, 54; Berg and Cobb, 1967, p. 160; MacKevett and others, 1971, p. 60; Cobb, 1972f; 1978e, p. 57
104	East of Kashoto Glacier	58°52'N, 137°02'W	O	Disseminated	Au,Cu	Py occurs as disseminated grains in biotite hornfels near a contact with granodiorite; altered zone is several hundred ft thick and Fe-stained. Two composite grab samples contained 300 to 700 ppm Cu and a trace of Au	MacKevett, 1971, p. 55, loc. no. 77; Brew and others, 1978, p. C173
105	East of Kastoto Glacier	58°53'N, 137°02'W	O	Disseminated	Ag,Au,Cu	Py, po, and occasional bn occur as disseminations in greenstone near contact with granodiorite. Two chip samples contained up to 0.10 ppm Au, 190 ppm Cu, and 1 ppm Ag	MacKevett, 1971, p. 41, loc. no. 75; Brew and others, 1978, p. C173
106	South side of John Hopkins Inlet	58°53'N, 137°01'W	O	Float	Ag,Cu,Sn	Hornfels float containing qz with cp; sample contained 410 ppm Cu, 20 ppm Sn and a trace Ag	Brew and others, 1978, p. C172
107	Northwest Shore of John Hopkins Inlet	58°53'N, 137°04'W	O	Disseminated	Ag,Au,Cu, Zn	0.3-ft wide shear zone in Fe-stained hornfels contains finely disseminated py and Cu minerals. Chip sample across zone contained 110 ppm Cu, 130 ppm Zn, trace Au and 0.7 ppm Ag. A grab sample from stained zone contained 300 ppm Zn	MacKevett, 1971, p.41,55, loc. no. 76; Brew and others, 1978, p. C192; Cobb, 1972f, 1978e, p. 26
108	South side John Hopkins Inlet	58°54'N, 137°01'W	O	Float	Ag,Au,Cu, Sn,W,Zn	Float containing po and cp contained 4,100 ppm Cu, 250 ppm Zn, and 0.15 ppm Au, 7 ppm Ag, 700 ppm Sn and 793 ppm W	Brew and others, 1978, p. C172

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
109	South Side John Hopkins Inlet	58°54'N, 136°59'W	D	Float	Ag,Cu	Sulfides in hornfels float; sample contained 4,600 ppm Cu, 7 ppm Ag, and 300 ppm Co (Brew and others, 1978)	Brew and others, 1978, p. C172
110	South Side of John Hopkins Inlet	58°54'N, 136°59'W	D	Coating	Cu,Mo	Altered granitic rocks are coated by secondary Cu and Fe minerals. Grab sample from altered zone contained 1,500 ppm Cu, and 30 ppm Mo	MacKevett, 1971, p. 52, loc. no. 65; Cobb, 1972f; 1978e, p. 26
111	Orange Point	58°55'N, 137°00'W	D	Massive, disseminated	Ag,Au,Cu, Mo,Pb,Zn	Stratabound volcanogenic massive sulfide deposit in metamorphosed Permian(?) andesitic volcanic and volcaniclastic rocks. Deposit consists of elongate zones of massive and disseminated sulfides up to 80 ft wide and 560 ft long. Ore minerals include py, po, sl, and cp. U.S.B.M. investigations (Brew and others, 1978) indicate that deposit contains more than 1 million tons of inferred resources containing up to 19% Zn, 5.2% Cu, 0.5% Ba, 1,600 ppm Pb, 100 ppm Mo, 3.5 ppm Au, and 70 ppm Ag	Brew and others, 1978. p. C129-C147
112	North Side of John Hopkins Inlet at Entrance	58°55'N, 136°56'W	D	Vein	Ag,Au,Cu, Pb,Zn	Sulfides occur in carbonate-qz vein in gneiss; vein pinches and swells; maximum width 3.5 ft., length approx. 100 ft. Chip sample contained 770 ppm Cu, 250 ppm Pb, 4,300 ppm Zn, 0.03 ppm Au and 15 ppm Ag	Brew and others, 1978, p. C191
113	Russell Island	58°56'N, 136°49'W	D	Vein	Au	Two Au-bearing qz veins 2-5 in. thick in vertical altered zone 3 ft thick in bt-hnbd granodiorite. Veins also contain calc and minor py. Sample carried 0.844 oz Au per ton and traces of Ag and Pb	MacKevett and others, 1971, p. 67; Cobb, 1972f; 1978e, p. 56
114	Rendu Inlet	58°56'N, 136°42'W	P	Vein; disseminated	Cu,Mo	(114) Thin qz veins and thin qz-rich pegmatite dikes in granitic rocks west of inlet contain scattered mo, cp, py, and po. (115) Several iron-stained altered zones as much as 20 ft. long and 1 ft. thick in bleached marble contain scattered py and possibly other sulfide minerals. A sample from one of the altered zones contained 1,500 ppm Cu, 1,000 ppm Ni, and 700 ppm Co. (116) In peninsula west of inlet are mag-rich pods of skarn or tactite in qz diorite and near its contact with marble; deposits appear to be small, but much of the nearby bedrock is covered by surficial deposits. (117) Near mouth of inlet are scattered sulfides in bleached marble; principal sulfide is py; sample contained 1,500 ppm Cu, 1,000 ppm Ni; and 700 ppm Co	Reed, 1938, p. 57-58; Rossman, 1963b, p. K48-K49; Berg and Cobb, 1967, p. 161; MacKevett and others, 1971, p. 50, 69-70, 73-79; Brew and others, 1978, p. C187-C188, C190-C191; Cobb, 1972f; 1978e, p. 53-54
115		58°56'N, 136°39'W	P	Vein; disseminated	Ag,Cu		
116		58°55'N, 136°39'W	P	Vein			
117		58°55'N, 136°38'W	P	Disseminated	Co,Cu,Ni		
118	Queen Inlet	58°54'N, 136°31'W	D	Vein	Co,Cu,Fe, Sn	Small tactite and mag skarn bodies up to 20 ft thick along contacts between alaskite, porphyritic volcanic rocks, and marble. Skarn and mafic dikes that cut alaskite and marble contain veins and pods of sulfides (chiefly py, but some cp and secondary Cu minerals). Spectrographic analyses of skarn and sufide samples showed as much as 300 ppm Cu, 300 ppm Co, and 30 ppm Sn. Magnetometer traverse suggested more mag-bearing bodies under glacial drift	MacKevett and others, 1971, p. 70, 72-73; Cobb, 1972f; 1978e, p. 48

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
119	Mt. Merriam area	58°54'N, 136°26'W	0	Massive; disseminated	Cu,Fe	Stream sediments were reported to be anomalous in Sr and slightly anomalous in Mo. Tactite or skarn zones also occur in carbonate host rocks. Three mag-rich pods were sampled: largest pod assayed more than 20% Fe in a composite chip sample; 2 ft. wide pod assyaed more than 20% Fe and 0.28% Cu; smallest pod contained similar Fe values, but less Cu	Brew and others, 1978, p. C345-347
120	Mt. Fairweather	58°54'N, 136°35'W location approx.	0	Stratiform (float)	Cr,Cu,Ni, Pt	Float specimens of material from layered mafic and ultramafic pluton that underlies about 15 sq miles of S.W. flank of Mt. Fairweather contained cp, cubanite, po, pent, cr, mag, il, Pt-group metals, and as much as 200 ppm Co	Plafker and MacKevett, 1970 p. B21-B26; Cobb, 1972f; 1978e, p. 38
121	3850 Nunatak	58°57'N, 136°59'W	0	Massive	Ag,Cu,Zn	Pods of massive sulfides up to 1/2 ft across. Py, po, some cp (with gangue diopside, gr, actinolite, chl, qz and ep) occur near contact between granitic pluton and volcanic and carbonate country rocks. Chip samples of sulfide pods contain up to 770 ppm Cu, 190 ppm Zn and 1.5 ppm Ag	Brew and others, 1978, p. C171
122	Tarr Inlet	58°58'N, 136°56'W	0	Vein; disseminated	Ag,Cu,Zn	West of Tarr Inlet (loc. 122) siliceous lenses in locally altered leucocratic granitic rocks carry	MacKevett and others, 1971, p. 40-41, 51; Brew and others, 1978, p. C190; Cobb, 1972f; 1978e, p. 63
123		58°59'N, 137°00'W	0	Vein	Cu	abundant disseminated sulfides and sulfide-bearing veinlets; principal sulfide is py; subordinate cp. Sample from one lens contained 1,000 ppm Cu, 300 ppm Zn, and a trace of Ag. Qz-calc veins (loc. 123) in a zone of pegmatic hnbd diorite contain cp, py, ep, chl, and secondary Cu minerals (chiefly ch). Sample contained 2,000 ppm Cu	
124	3087 Nunatak	58°59'N, 137°01'W	0	Massive	Cu	Massive sulfide lenses up to two ft wide and 6 ft long similar in appearance to those at Orange Point (no. 111) are located in volcanic rock near a 3087-ft high nunatak (no. 124)	Brew and others, 1978, p. C147
125	South of the Margerie Glacier	58°59'N, 137°03'W	0	Oisseminated(?); massive	--	Northern part of a shear zone is in argillite and contains up to 3% disseminated? py; southern part of zone is in leucogranite, diorite, limestone and slate and contains massive py	Moerlein, 1968a; Brew and others, 1978, p. C170
126	Silver Dick and Little Jennie	58°57'N,136°40'W	P	Vein	Ag,Cu(?)	Wire Ag and td. Claims located on ankeritic qz vein about 6 in. thick located along contact between dioritic dike and marble on the west shore of Rendu Inlet. May be same as no. 115	MacKevett and others, 1971; Brew and others, 1978, p. C187-C188
127	Triangle Island	58°57'N, 136°32'W	P	Vein?; disseminated?	Mo	Island is fine-grained granodiorite cut by a few aplitic dikes. A few hundred lbs of mo were removed from this deposit	Rossman, 1963b, p. K49; MacKevett and others, 1971, p. 78; Brew and others, 1978, p. C317; Cobb, 1972f, 1978e, p. 66

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
128	Wachusett Inlet	58°57'N, 136°21'W	O	Vein	Ag,Cu,Mo, Zn(?)	Qz vein 1-12 in. thick contains py, mo, cp and secondary Fe minerals. Sample collected by USBM (Brew and others, 1978) over 0.7 ft contained as much as 74,000 ppm Cu, 1,500 ppm Mo, and 30 ppm Ag; inferred resource of 800 tons containing 0.44% Cu, 0.005% Mo, and 0.034 oz. Ag per ton over a 4-ft. mining width. MacKevett and others (1971) also reported 700 ppm Zn in sample collected from richest part of vein	MacKevett and others, 1971, p. 78; Cobb, 1972f; 1978e, p. 67; Brew and others, 1978, p. C307-C310
129a	Curtis Hills	58°57'N 136°14'W	O	Vein	Ag,Cu,Pb	Fe-stained altered zones 1-2 ft wide adjoin mafic dikes that cut hornfels; zones contain qz and qz-calc veins up to 0.5 ft wide. Channel sample on qz-calc vein contained 380 ppm Pb and 15 ppm Ag. MacKevett (1971) reports that a select grab sample of a 0.5 ft wide qz vein contained 500 ppm Cu. Assay of two grab samples from stained zones gave 100 and 700 ppm Cu, 150 and 100 ppm Ni, 700 and 30 ppm Cr and 0.5% and 1% Ti respectively	MacKevett, 1971, p. 44, 73, 79, 82; Brew and others, 1978, p. C316-C317
129b	Curtis Hills	58°56'N, 136°13'W					
130	--	58°57'N, 136°12'W location approx.	C	Lode	Mo	--	U.S. Bureau of Mines, 1978f
131	Red Mountain	58°58'N, 136°03'W	O	Vein; disseminated	Ag,Cd,Pb, Zn	Small pyrite-rich pods and impregnations in Middle Devonian limestone near a granodiorite cupola. Largest pod is about 10 ft long and 1 ft in diameter; encrusted with a secondary Zn mineral (probably hydrozincite or smithsonite). A sample contained 7,000 ppm Zn, 500 ppm Pb, 70 ppm Cd, and a trace of Ag	MacKevett and others, 1971, p. 40; Cobb, 1972f; 1978e, p. 52
132	--	58°59'N, 136°05'W location approx.	C	Lode	Cu,Fe,Mo	--	U.S. Bureau of Mines, 1978f
133	Nunatak	58°59'N, 136°06'W	P	Disseminated; vein	Ag,Au,Cu, Mo	Porphyry Mo deposit. Stockwork of qz veins, mainly in hornfels around a qz monzonite porphyry stock intruded into tightly folded metasedimentary rocks, but also in the qz monzonite porphyry and in a silicified (skarn?) zone near edge of stock. Prospect consists of abundant, closely spaced mo-bearing qz veins, minor mo disseminated in hornfels, and a mineralized fault zone. Py,po, cp and minor td, bn, and en associated with mo in parts of the deposit. Resource estimate for the closely spaced vein network (stockwork) above sea level near Muir Inlet (MacKevett and others, 1971) = 2,247,000 tons averaging 0.067 MoS_2 and 0.016% Cu; remainder of stockwork and fault-zone deposit = 129,530,250 tons averaging 0.026% MoS_2 and 0.018% Cu; additional 18,000,000 tons averaging 0.026% MoS_2 and 0.018% Cu under steep cliffs at south end of stockwork; below sea level there is probably a similar tonnage of material of similar grade. Earlier assays of 0.04 oz Au and 7.07 oz Ag a ton could not be duplicated by MacKevett and others (1971)	Twenhofel and others, 1946, p. 9-18; Rossman, 1963b, p. K49; Berg and Cobb, 1967, p. 163; MacKevett and others, 1971, p. 1-2; Cobb, 1972f; 1978e, p. 42-44; Brew and others, 1978, p. A8-A9, C274-C295, D17-D20

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
134	Bruce Hills	58°59'N, 136°21'W	O	Vein; disseminated	Ag,Cu,Pb, Mo,Zn	Metallic minerals occur in thin qz veins, as disseminated particles, and as fracture coatings. Ore minerals include py and(or) po, cp, mo, ml, and minor amounts of md, sl, and gn. Samples contained as much as 3 ppm Ag. Deposit is near a steep fault zone (with a few branching faults) in granodiorite that contains a few small hornfels roof pendants and is cut by a few andesite dikes. Extent of deposit not known because of cover of glacial material and ice	Rossman, 1963b, p. K49-K5D; MacKevett and others, 1971, p. 48-50; Cobb, 1972f; 1978e, p. 15; Brew and others, 1978, p. C295-C307
135	--	58°22'N, 136°09'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978f
136	--	58°35'N, 137°14'W	O	Stain	Ni(?)	Rossman noted rust staining similar to that at the Yakobi Island Ni deposit in several places	Rossman, 1963a, p. 44; Brew and others, 1978, p. C110-C111
137	--	58°36'N, 137°16'W	O	Disseminated?	Fe,Ti	Contact zone of gabbro? stock probably contains 10-25% il for a distance of several hundred ft	Rossman, 1963a, p. F42; Brew and others, 1978, p. C110
The following occurrences are not shown on the map:							
	Alaska Independence Mining Co.	Location uncertain	P	Unknown	Au(?)	Prospecting 1923-33. No other data available. Probably an Au prospect; on Dundas Bay	Smith, 1934a, p. 15; 1943b, p. 15; Cobb, 1978e, p. 9
	Dundas Bay, East Arm	58°28'N, 136°34'W	O	Disseminated(?); float	Au,Mo,W	Pow-bearing skarn in marble inclusion in Cretaceous diorite at a contact with Tertiary granite. Pow and sc in stream-sediment samples from vicinity; mo in float. One chip sample across contact zone contained 0.10 ppm Au	Brew and others, 1978, p. C257-263
	Mt. Parker	58°52'N 136°53'W location approx. coordinates may be in error by as much as 1.5 mi.	D	Vein	Au	"Fairly prominent" qz vein; buried by rubble on west and truncated by cliff on east. One sample across 0.8 ft. assayed 0.94 oz. Au/ton; a second sample from the same vein was barren	

PETERSBURG QUADRANGLE
(latitude 56° - 57°, longitude 132° - 134°)

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION (lat/long)	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
1	Port Camden	56°48'19"N 133°55'32"W	O	Stratiform: disseminated	U	Traces of U in Tertiary Kootznahoo Fm. Fm consists of light brown, poorly sorted, very dolomitic sandstone containing clay clasts, carbonized wood fragments, and dolomitic concretions. Unit ranges from silty fine grained thin-bedded sandstone to medium and coarse grained partly conglomeratic, medium and thick bedded sandstone. Siderite, mag, py, and apatite are present in some samples. All carbonized wood fragments show radioactivity when tested in place; readings range from 2 to 50 times background. Sample 7127911 yields $\beta\,\mu$ of 1300±400 ppm uranium and $\alpha\,\mu$ of 2300±700 ppm uranium (Dickinson, 1979a). Eakins (1975) reported 30% mag in sandstone.	Eakins, 1975, p. 39-44; Cobb, 1978f, p. 33; Dickinson, 1979a; Karl and others, 1980
2-4	Northern Copper Co.	56°47'-54'N 133°15'-22'W	P(?)	Disseminated?	Ag,Au,Cu,Zn	Some exploration on several low-grade Cu-bearing ore bodies in greenstone; production (if any) very small	Wright and Wright, 1908, p. 142; Buddington, 1923, p. 69; Twenhofel, Reed, and Gates, 1949, p. 37-38; Kerns, 1950; Cobb, 1972g; 1978f, p. 14
2	Northern Copper Co.	56°54'N 133°22'W	P(?)	Massive; disseminated	Ag,Au,Cu,Zn	Deposit is in tabular body of pyroxene "granulite" that contains sparse inclusions or xenoliths of marble. Body is structurally conformable with underlying greenschist, phyllite, and marble, possibly of Gambier Bay Formation of Devonian age (H. C. Berg, unpub. data, 1979). Granulite contains disseminated po, mag, cp and small amounts of sl and py; near base of body, these metallic minerals also form massive pods and lenses. Low values in Au and Ag. Explored by several hundred ft of underground workings, 120 ft trench, several opencuts, and 375 ft adit in barren slate. No known production; no work since about 1921	Wright and Wright, 1908, p. 141-142; Buddington, 1923, p. 70-72; Twenhofel and others, 1949, p. 37-38; Berg and Cobb, 1967, p. 188; Cobb, 1972g; 1978f, p. 31; Karl and others, 1980
3	Portage Mountain	56°51'N 133°15'W	P	Disseminated; vein	Ag,Au,Cu,Pt	Thin qz-calc veins in slate and greenstone intruded by diorite and diabase; veins contain cp, py, and mag and low values in Ag and Au. Mineralized schist between walls of gneissic diorite contain about 0.4 oz Au, 2 oz Ag and 0.0006 oz Pt per ton; also a little Cu and possibly a trace of Ir. Prospected by opencuts, all before 1921. Includes references to Silver Star	Wright and Wright, 1905, p. 60; Buddington, 1923, p. 69; Berg and Cobb, 1967, p. 188; Cobb, 1972g; 1978f, p. 34
4	Taylor Creek	56°48'N 133°22'W	P	Disseminated; massive	Ag,Cu,Pb,Zn	Disseminations and small masses of py, gn, sl, and cp in brecciated dolomitic limestone possibly of Devonian age (H. C. Berg, unpub. data, 1979). USBM (1948) drilled 4 diamond-drill holes and dug 14 trenches. Assays from trench samples contained up to 0.95% Pb, 4.3% Zn, and 1.2 oz Ag per ton; drill-hole samples showed up to 0.8% Pb, 2.5% Zn, and 0.5 oz Ag per ton. Au less than 0.005 oz per ton. Staked in 1903 or 1904; prospected by an opencut; no other development and no production	Wright and Wright, 1908, p. 142; Kerns, 1950; Cobb, 1972g; 1978f, p. 41; Karl and others, 1980
5	Kane Peak	56°59'-57°00'N 133°05'-133°07'W location approx.	O	Disseminated	Cu,Ni	Body of dunite, locally bordered by pyroxenite, in places contains a few percent disseminated py, pent, and cp. Level of ultramafic body now exposed is probably near original base of intrusive	Kennedy and Walton, 1946, p, 78-80; Walton, 1951, p. 208-226; Cobb, 1972g; 1978f, p. 23
6	--	56°59'N 133°04'W location approx.	C	Lode	Fe	--	U.S. Bureau of Mines, 1978g
7	--	56°50'N 133°02'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978g
8	--	56°50'N 133°01'W location approx.	C	Lode	Ag,Au,Fe	--	U.S. Bureau of Mines, 1978g

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION (lat/long)	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
9	Thomas Bay	56°59'N 132°47'W	P	Vein; disseminated	Ag,Au,Cu,Pb	Qz veinlets, and silicified and pyritic schist fragments in a zone about 12 ft wide. One vein, carrying py, aspy, and minor cp, po, and argentiferous gn, explored by a short tunnel sometime before 1921. Little development and no known production	Buddington, 1923, p. 68-69; Berg and Cobb, 1967, p. 191; Cobb, 1972a; 1978f, p. 42
10	--	56°43'N 132°46'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978g
11	Castle Island	56°39'N 133°10'W	M	Massive; disseminated	Ag,Au,ba, Pb,Zn	Deposit of massive barite formed small peninsula on east side of Castle Island. Entire peninsula has been removed by mining; mine operates intermittently as an underwater open pit. Minor impurities in ba are qz and sulfide minerals, probably gn and sl, mag and gp. Country rocks include phyllitic felsic metatuff with disseminated gn, sl, and py; pillow flows, breccia and chert; and calcareous sedimentary rocks containing fossils possibly of Late Triassic age (Berg and Grybeck, 1980). Analyses of sulfide-bearing barite? indicate 0.01-0.03 oz Au per ton, 0.79-105 Ag per ton, 1.14%-1.27% Zn, 0.05%-0.07% Cu, as much as 0.29% Pb and 0.37% SrO. Claims patented in about 1923	Burchard, 1914, p. 109-113; Buddington, 1925, p. 138; Buddington and Chapin, 1929, p. 318; Berg and Cobb, 1967, p. 185, 188; Cobb, 1972g; 1978f, p. 10-11; Berg and Grybeck, 1980
12	Stikine River	56°43'N 132°07'W	O	Placer	Au	Fine Au discovered on river bars in 1860's. Most of activity probably was on Canadian side of boundary	Blake, 1868, p. 10; Spurr, 1898, p. 107, 113; Cobb, 1972g; 1978f, p. 40
13	--	56°28'N 133°26'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978g
14	--	56°28'N 133°26'W location approx.	C	Placer	Au	--	U.S. Bureau of Mines, 1978g
15	Maid of Texas	56°34'N 133°02'W location approx.	O	Vein	Ag(?),Au(?)	Group of claims adjoining Maid of Mexico. Vein on property may be similar to or a continuation of one on Maid of Mexico	Chapin, 1918, p. 74; Cobb, 1978f, p. 30
16	Helen S.	56°34'N 133°04'W	M,O	Vein; massive; disseminated	Ag,Au,Pb, Zn	Au- and sulfide-bearing qz veins and massive and disseminated sulfides in interbedded black slate, felsic metatuff, and greenstone. Occurrence of massive sulfides consists of crudely banded (10 cm thick) massive pyrite, pyrrhotite(?), arsenopyrite(?), sphalerite, and galena that has been dug from a small water-filled pit about 30 m inland at elevation about 15 m. Country rocks near pit include hematite-bearing phyllitic felsic metatuff, carbonaceous phyllite and limestone, and mafic intrusive(?) rocks. Current (1979) owners report boulders of massive sulfides in creeks near pit, and possibly at the Maid of Mexico mine. Veins were worked in 1903-04, and 1907; an unknown, but certainly small amount of ore reported to have averaged 0.177 oz Au per ton was milled. Mine consists of 2 shafts and about 650 ft of drifts and crosscuts. Includes references to Smith and Olympic Mining	Wright and Wright, 1908, p. 184; Buddington, 1923, p. 56-57,67; Berg and Cobb, 1967, p. 185; Cobb, 1972g; 1978f, p. 22; Berg and Grybeck, 1980
17	Maid of Mexico (Mining Co.)	56°34'N 133°02'W	M	Vein; disseminated	Ag,Au,Cu Pb,Zn	Early reports (such as Buddington, 1923) describe a qz vein 2-6 ft thick and traced for 2,000 ft, that carries sl, py, Ag-bearing gn, and a small amount of cp and free Au. Main adit is on NW bank of creek at about 350 ft elevation; more than 1,000 ft of underground workings, but adit is caved a few feet from portal. Current (1979) operators are exploring for an auriferous qz vein that locally also contains pods and streaks of pyrite and other sulfides. According to operators, vein cuts black carbonaceous slate near contact of dike- or sill-like body of felsic igneous rock. Country rocks at mine are black carbonaceous phyllitic mudstone, siltstone, and limestone intercalated(?) with rusty-weathering calcareous felsic metatuff ("impure siliceous dolomite" of Buddington) containing disseminated pyrite and possibly other sulfide minerals. The bedded rocks apparently are intruded by dikes or sills of rusty-weathering felsic aphanite that also carries disseminated sulfide minerals. Mined parts of vein averaged about 1 oz Au per ton. Small test shipments in 1917 and 1929. Some ore reported to have been milled on property in 1931 and 1933. No activity since 1939. Total production probably did not exceed 100 oz each of Au and Ag	Chapin, 1918, p. 73-74; Buddington, 1923, p. 67-68; Smith, 1941, p. 20; Berg and Cobb, 1967, p. 185; Cobb, 1972g; 1978f, p. 28-29; Berg and Grybeck, 1980

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION (lat/long)	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
18	--	56°32'N 133°04'W location approx.	C	Lode	Ag,Au	--	U.S. Bureau of Mines, 1978g
19	Hattie	56°32'N 133°03'W	P	Vein	Ag,Au,Cu,Pb, Zn	Qz fissure and breccia veins in sheared greenstone contain 3% or less py, cp, gn, sl and Au; some Ag values. Explored by 500 ft. of underground workings in early 1900's; no production	Wright and Wright, 1905, p. 59-60; 1908, p. 182-184; Berg and Cobb, 1967, p. 185; Cobb, 1972g; 1978f, p. 21
20	Alaska Garnet (Mining and Manufacturing Co.)	56°35'N 132°22'W location approx.	M	Disseminated	gr	Almandine gr formed by contact metamorphism in qz-bt schist intruded by a qz diorite stock with aplitic injection gneiss border. Crystals are euhedral, up to 0.75 in. in diameter. Gr adequate for use as abrasive, but not of gem quality because of internal fractures and qz inclusions. Unknown, but small, amount of production between 1910 and 1920. Resource above lowest exposure is about 11,900 tons of gr in about 1,125,000 cubic yds of rock. Includes references to gr near Wrangell	Wright and Wright, 1908, p. 92; Brooks, 1911b, p. 42; 1913, p. 51; Buddington, 1923, p. 73-74; Bressler, 1950; Kaufman, 1958, p. 11; Cobb, 1978f, p. 5
21	--	56°33'N 132°02'W location approx.	C	Lode	Ag,Au,Pb	--	U.S. Bureau of Mines, 1978g
22	--	56°32'N 132°03'W location approx.	C	Lode	Mo	--	U.S. Bureau of Mines, 1978g
23	--	56°31'N 132°03'W location approx.	C	Lode	Ag,Au,Pb	--	U.S. Bureau of Mines, 1978g
24	Groundhog Basin	56°31'N 132°04'W	P	Massive; disseminated; vein	Ag,Au,Cu, fl,Mo,Pb, Zn	Metamorphosed and partly redistributed stratabound massive sulfide deposits in paragneiss adjacent to Coast Plutonic Complex (Berg, 1979). Deposits and country rocks cut by qz porphyry and basaltic dikes and sills. Deposits include: (1) massive sulfide bodies composed principally of po, sl, and gn (contains about 8% Zn, 1.5% Pb, and 1.5 oz Ag per ton; probably several hundred thousand tons); (2) disseminated sl and other sulfides (about 2.5% Zn and 1% Pb; probably several hundred thousand tons). Deposits also contain subordinate cp, py, mag, tn(?), td(?) and cb(?) and very small amounts of Au. Mo (with no other sulfides) in a thick granitic sill; probably less than 0.05% Mo. Some sulfides and fl in fault? breccia. Small cross faults cutting metamorphic and igneous rocks contain qz and fl crystals. Oiscovered in 1904; explored mainly in 1916-17 and early 1940's by surface cuts, about 450 ft of underground workings, and at least 600 ft of diamond drill holes. No production	Wright and Wright, 1908, p. 188-189; Buddington, 1923, p. 57-63; Gault and others, 1953, p. 15-28; Twenhofel, 1953, p. 6 Berg and Cobb, 1967, p. 191-192; Cobb, 1972g; 1978f, p. 18-20; Shawe, 1976; Berg, 1979
25	--	56°29'-31'N 132°06'W location approx.	C	Placer	Sn	Placer claims along Porterfield Creek	U.S. Bureau of Mines, 1978g
26	Lake	56°29'N 132°05'W	M	Vein	Ag,Cu,Pb,Zn	Qz-calc veins, breccia fillings, and stringer lodes occur in a prominent fault zone 10-25 ft wide in metasedimentary rocks west of a qz diorite pluton; lode consists of gn, sl, py, cp, and Ag in mainly a qz-carbonate gangue. Average grade (based on 7 samples) is 0.99% Pb, 1.01% Zn and 0.12 oz Ag per ton. Older reports mention high Au content; more recent reports do not. Probably staked in about 1900; development (before 1923) consisted of surface excavations and about 200-250 ft of underground workings; one ton of ore was shipped to a smelter in 1920. Includes references to: Lake Virginia Mining Co., Margery	Wright and Wright, 1905, p. 61; 1908, p. 189-190; Buddington, 1923, p. 63-65; Gault and others, 1953, p. 41-46; Berg and Cobb, 1967, p. 193; Cobb, 1972g; 1978f, p. 24-25

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION (lat/long)	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
27	Glacier Basin	56°29'N 132°01'W	P	Disseminated; vein; massive	Ag(?),Au(?) Cu, Fe,fl, Pb,Zn	Faulted and metamorphosed possibly stratabound massive sulfide deposit (Berg, 1979). Sulfide-bearing paragneiss similar to and probably continuous with disseminated deposits in Groundhog Basin. "Ore beds" contain sl, gn, po, and mag; probably consists of many hundreds of thousands of tons of material containing about 1.65% Zn and 1.1% Pb. Veins in shear and breccia zones contain gn, sl, po, py and cp in gangue of qz and fl; probably contain several million tons of rock with about 0.14% Zn and 0.09% Pb. Early reports mention possible low values in Au and Ag. None found during more recent investigations. Discovered in about 1899; developed by 3 short adits; no production	Wright and Wright, 1908, p. 188-189; Gault and others, 1953, p. 29-40; Berg and Cobb, 1967, p. 191-192; Cobb, 1972g; 1978f, p. 16-17; Shawe, 1976, p. 34; Berg, 1979
28	Berg(s) Basin	56°27'N 132°01'W	P	Vein; disseminated; massive?	Ag,Au,Cu,Pb, Zn	Metamorphosed possibly stratabound massive? sulfide deposit in paragneiss adjacent to Coast Plutonic Complex (Berg, 1979). Country rocks are cut by rhyolite, basalt, and pegmatite dikes and, rarely, by qz veins. Deposit is similar to and possibly continuous with deposits in Glacier and Groundhog Basins (H. C. Berg, unpub. data, 1980). First prospect staked in about 1900 on a 1 ft thick qz vein reported to carry about 0.68 oz Au per ton; vein not found at depth in 800 ft crosscut or diamond drill holes. Basalt dike contains pods of gn and minor py and sl. Analyses of gn showed 27.9 and 28.7 oz Ag per ton. Other basalt dikes contain gn and sl	Chapin, 1918, p. 75; Buddington, 1923, p. 67; Gault and others, 1953, p. 47-55; Berg and Cobb, 1967, p. 191-192; Cobb, 1972g; 1978f, p. 6-7; Berg, 1979
29	Exchange	56°25'N 132°32'W location approx.	P	Vein	Au	Qz vein 12-15 ft. thick in granite contains py and is reported to carry moderate values in Au. Staked in 1900 and developed by surface cuts and by crosscut 45 ft. long. No record of production	Wright and Wright, 1908, p. 185; Berg and Cobb, 1967, p. 193; Cobb, 1972g; 1978f, p. 15
30	--	56°02'N 132°28'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978g
31	--	56°21'N 132°20'W location approx.	C	Lode	W	--	U.S. Bureau of Mines, 1978g
32	--	56°22'N 132°17'W location approx.	C	Lode	Fe	--	U.S. Bureau of Mines, 1978g
33-35	Salmon Bay	56°16'-56°19'N 133°07'-133°10'W	O	Vein	Cu,Fe,Pb(?), REE,Th,U	Fissure veins in Silurian graywacke cut by Cenozoic? lamprophyre and alkalic dikes. Veins contain dolomite-ankerite carbonates, hem, mag, py, ms, cp, th, mz, zr, parisite, bastnaesite, alkali feldspar, chert, qz, chalcedony, ep, sericite, kaolinite, fl, musc, ap, topaz and gr. Veins are from 1 in to 4 ft thick; some can be traced for a few hundred ft, but most are covered at one or both ends by soil and vegetation or extend beyond low-tide line. Samples of radioactive veins contain as much as 0.095% eU (mainly due to Th). Rare-earth bearing veins contain an average of 0.79% (maximum in one grab sample was 5.0%) combined rare-earth oxides. Includes references to: Marker, Paystreak, Pitcher Is. , Smith, Pitcher & Co., Wandve	White and others, 1952, p. 16; Wedow and others, 1953, p. 6, 9-10, 13; Houston and others, 1958, p. 6-23; Overstreet, 1967, p. 108; Cobb, 1972g; 1978f, p. 35-36; Eakins, 1975, p. 50-54

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION (lat/long)	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
36	--	56°18'N 133°09'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978g
37	--	56°15'N 133°07'W location approx.	C	--	RA	--	U.S. Bureau of Mines, 1978g
38	Zarembo Is.	56°17'N 132°57'W location approx.	O	Vein	fl	Fluorite occurs as fillings in narrow fractures and coats chalcedony-encrusted fragments in breccia zones. Country rocks are Tertiary dikes and flows of rhyolite, andesite, and basalt	Buddington, 1923, p. 75; Eakins, 1975, p. 46, 48-49; Shawe, 1976, p. 34; Cobb, 1978f, p. 43
39	Point St. Albans	56°06'N 133°58'W	O	Vein; disseminated	Ag,Au,Cu, Pb,Zn	Sulfide-bearing qz-carbonate veins and sulfide disseminations in metamorphosed Paleozoic bedded rocks, and in porphyritic andesite or diorite plugs and dikes. Sulfides include py, po?, aspy, sl, gn, td.	Houston and others, 1958, p. 24, 27; Berg and Cobb, 1967, p. 188; Cobb, 1972g; 1978f, p. 32; Karl and others, 1980
40	--	56°11'N 133°26'W location approx.	C	--	Au	--	U.S. Bureau of Mines, 1978g
41	Castle & Co.	56°08'N 133°27'W	P	Vein	Au	Qz vein reported to carry auriferous py, discovered in 1898. Property had a stamp mill, but it is not known if any ore was processed	Brooks, 1902, p. 111; Berg and Cobb, 1967, p. 177; Cobb, 1972g; 1978f, p. 9
41	Shakan	56°08'N 133°27'W	M	Vein	Cu,Mo,Zn	Vertical fault breccia zone 1-10 ft wide in hornblende diorite contains mo, py, sl, po, cp and mag. In places sulfides make up 30%-40% of vein, but average only about 5%; gangue composed of country rock fragments, qz, calc, and silicate minerals. Prospect discovered in 1917. Deposit developed by 570-ft tunnel and 14 surface cuts excavated during and immediately after World War I. Estimated resources are 10,000-20,000 tons of rock containing about 1.5% MoS_2. 500 tons of ore removed during exploration, but were not shipped	Chapin, 1919, p. 89; Smith, 1942b, p. 169-171; Twenhofel and others, 1946, p. 19-30; Berg and Cobb, 1967, p. 177; Cobb, 1972g; 1978f, p. 37-39
42-46	Dry Pass	56°09'N 133°25'-133°27'W	P	Disseminated; vein	Cu,Fe,Mo, Pb,W	Lodes in or near granodiorite pluton carry mo or various combinations of py, po, cp, mo, and gn. Qz veins in marble lenses in a shear zone and in silicified(?) rock near a marble-granodiorite contact carry disseminated sc. A band of mag 2.5 ft thick follows a contact between marble and a diorite dike. Little exploration of these occurrences	Herreid and Kaufman, 1964, p. 5; Berg and Cobb, 1967, p. 177-178; Cobb, 1972g; 1978f, p. 13
43	Lillie	56°09'N 133°26'W	P	Vein; disseminated	Cu,Mo	Band of tactite about 100 ft wide, enclosed by diorite, was probably formed by replacement of marble; contains joint coatings and disseminated mo and pow. Explored by several trenches, one of which disclosed a small mass of mag, cp, and py; sample taken in trench contained 0.16% Mo and as much as 0.09% Cu	Herreid and Kaufman, 1964, p. 7-8, 10-11; Berg and Cobb, 1967, p. 177; Cobb, 1972g; 1978f, p. 27
47	Devilfish Bay	56°08'N 133°23'W	P	Disseminated?	Cu,Fe,Mo, U	Mag, cp, and minor mo occur in tactite inclusions in granodiorite and in tactite in marble and graywacke-siltstone. One sample contained 8 ppm U. Only work done in area was small scale trenching	Herreid and Kaufman, 1964, p. 4, 9-11; Berg and Cobb, 1967, p. 178; Cobb, 1972g; 1978f, p. 12; Eakins, 1975, p. 54-57
48	--	56°08'N 133°17'W location approx.	C	Lode	Ag,Au,Pb	--	U.S. Bureau of Mines, 1978g

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION (lat/long)	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
49	Blashke Islands	56°08'N 132°54'W	O	Stratiform; disseminated	Au,Cr,Cu, Ni,Pt	Cretaceous? zoned ultramafic pluton about 1.5 mi in diameter intrudes Silurian bedded rocks. Pluton contains disseminated sulfide minerals, principally po and cp, near contact of pyroxenite and gabbro zones, and sparsely disseminated chromite in dunite core. There is a large aggregate tonnage of rock containing 1%-2% sulfides. Analyses of sulfide-bearing gabbro indicate as much as 0.016% Cu and 0.05% Ni and less than 0.1 oz per ton Pt-group metals. Other analyses show 0.004 oz Au per ton, 0.04 oz Pd per ton, and a trace of Pt. Other analyzed samples contained as much as 0.02 ppm each of Pt and Pd	Kennedy and Walton, 1946, p. 76-78; Walton, 1951, p. 16-205; Clark and Greenwood, 1972a, p. C159; Cobb, 1972g; 1978f, p. 8
50	--	56°06'N 132°04'W location approx.	C	Lode	Au	Lode claim on Found Island	U.S. Bureau of Mines, 1978g
51	--	56°03'N 132°11'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978g
52	--	56°03'N 132°06'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978g
53	--	56°02'N 132°06'W location approx.	C	Lode	Cu	Lode claims on Niblack Island	U.S. Bureau of Mines, 1978g
54	--	56°03'N 132°06'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978g
55	--	56°03'N 132°06'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978g
56	--	56°02'N 132°06'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978g
57	Le Conte Bay	56°47'-48'N 132°27'-30'W	O	Vein	Au	Au veins found in schist belt; no other information	Buddington, 1923, p. 56; Cobb, 1978f, p. 26
58	"Halobia locality"	56°40'18"N 133°15'27"W	O	Massive; disseminated	Ag,Pb,Zn	Metamorphosed and partly redistributed stratabound massive sulfide deposit. Lenses up to 1 m long of massive pyrite, sphalerite, and argentiferous galena in phyllitic felsic metatuff intercalated with pyritic carbonaceous phyllite, phyllitic siltstone and limestone. Limestone locally contains sparse Upper Triassic fossils. Exposed width of massive-sulfide-bearing zone (in creek bed) is 3-4 m wide and 30-40 m long. Geochemical analyses indicate anomalous values in Pb and Zn, and up to 100 ppm Ag	Berg and Grybeck, 1980
59	Mouth of "Castle Creek"	56°40'02"N 133°15'25"W	O	Massive; disseminated	Ag,Pb,Zn	Metamorphosed and partly redistributed stratabound massive sulfide deposit. Locally rusty-weathering light gray muscovite-rich siliceous phyllite (rhyodacite metatuff?) intercalated(?) with layers up to 2 or 3 m thick of massive to phyllitic light greenish gray felsic aphanite (rhyolite or dacitic metatuff?) that locally contains abundant (5-15%) disseminated py and sl, and, at this locality, a 2-m thick zone of massive (about 50%) pyrite. Geochemical analyses indicate anomalous values in Pb and Zn, and up to 10 ppm Ag	Berg and Grybeck, 1980

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION (lat/long)	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
60	"Lost Zarembo"	56°22'56"N 132°53'53"W	O	Massive	Ag,Au,Cu, Pb,Zn	Stratabound massive sulfide deposit. North wall of rock quarry along logging road exposes approx 10-m thick zone of banded greenish gray felsic metatuff containing layers up to 1.5 m thick of massive pyrite, pyrrhotite(?), sphalerite, chalcopyrite, and galena. Occurrence forms approx 10 x 30 m wedge-shaped, locally fault-bounded outcrop enclosed by steeply dipping Tertiary basalt, diabase, and rhyolite dikes. Geochemical analyses indicate anomalous values in Cu,Pb, and Zn, and up to 0.55 ppm Au and 30 ppm Ag	Berg and Grybeck, 1980
61	"BP adit"	56°25'08"N 132°57'07"W	P	Massive; disseminated	Ag,Au,Cu, Pb,Zn	Stratabound massive sulfide deposit. Adit at old prospect (Buddington, 1923, p. 69): layers and lenses as much as 2 m thick of massive pyrite, pyrrhotite(?), sphalerite, chalcopyrite, and galena in felsic metavolcanic rocks interbedded with recrystallized carbonaceous limestone and calcareous sedimentary rocks. Intruded by Tertiary(?) andesite dikes. Geochemical analyses indicate anomalous values in Cu,Pb, and Zn, and up to 5.5 ppm Au and 20 ppm Ag	Buddington, 1923, p. 69; Berg and Grybeck, 1980
62	"Hydropit"	56°22'29"N 132°54'53"W	O	Vein; disseminated	Ag,Cu,Pb, Zn	Medium grained, hypidiomorphic granular qz diorite is exposed in rock quarry adjacent to logging road. Qz diorite is cut by spherulitic felsic dikes, which are cut by less deformed andesitic dikes. Mineralization in hydrothermal veins and lenses in a highly altered shear zone 1.5 m wide consists of cp, bn, gn, sl, aspy, and possibly mag. Disseminated gn in wall rock as well. Geochemical analyses indicate anomalous values in Cu, Pb, and Zn, and up to 50 ppm Ag	Karl and others, 1980
63	Deleted						
64	Hamilton Creek	56°52'N 133°40'W	O	Vein	U	Fragments of laminated phosphatic rock are suspended in white calcite veins in fine grained, light to dark gray silty laminated apatite-bearing dolomite. Samples contain 30 to 50% U-bearing apatite. Radioactive anomaly reaches 20 times background for 0.5 m thick bed. One sample indicated $\beta\mu$ of 80±24 ppm uranium (Dickinson, 1979b)	Dickinson, 1979b; Karl and others, 1980
65	S.E.Zarembo Island	56°16'50"N, 132°42'10"W	O	Massive; disseminated	Cu?,Zn?	Disseminated py and pods up to a foot or so long and 6 in thick of massive pyrite and probably other sulfide minerals in ironstained qz-mu schist derived from felsic metatuff. Occurrence is virtually identical to the one at locality 59	H.C. Berg and D. Grybeck, unpublished field data, 1980

PORT ALEXANDER QUADRANGLE
(latitude 56° - 57°; longitude 134° - 136°)

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
1-2	Goddard Hot Springs	56°50'N, 135°22'W	O	Placer	REE,U,W	Granite cut by narrow lamprophyre dikes; 4 hot springs. Heavy mineral concentrates from slope-wash and stream-gravel samples contained as much as 7% allanite and traces rt, monazite, and sc. Highest eU D.016%	West and Benson, 1955, p. 47-49; Overstreet, 1967, p. 108-109; Eakins, 1975, p. 12; Cobb, 1972h; 1973, p. 105; 1978g, p. 11
3	Bullion	57°00'N, 135°09'W location approx.	P	Vein?	Au(?)	Au prospect in Silver Bay area; may be in Sitka quad	Wright and Wright, 1905, p. 58; Knopf, 1912b, p. 29; Cobb, 1978g, p. 6
4	--	57°00'N, 135°07'W location approx.	C	Unknown	Au	--	U.S. Bureau of Mines, 1978h
5	Silver Bay	57°00'N, 135°08'W	P	Vein	Au,Cu	Auriferous qz vein in graywacke contains py and cp. No work since 1900; no record of production	Becker, 1898, p. 79; Wright and Wright, 1905, p. 58; 1906, p. 45; Wright, 1907a, p. 60; Knopf, 1912b, p. 29; Cobb, 1972h; 1978g, p. 24
6	Eureka	56°59'N, 135°09'W	P	Vein	Au(?),Cu	Qz stringers in slate contain py and cp. No data on possible Au content. Very little development	Becker, 1898, p. 62, 79; Cobb, 1972h; 1978g, p. 9
7	--	56°58'N, 135°09'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978h
8	Bauer	56°58'N, 135°06'W	P	Vein	Au	Qz veinlets contain py, po, and auriferous aspy; said to carry approx. 0.22 oz Au per ton. Country rock mainly graywacke. About 1050 ft of workings. No record of production or of any activity since early 1900's. Includes references to Haley and Rogers	Becker, 1898, p. 63, 79; Wright and Wright, 1905, p. 53; Knopf, 1912b, p.27-28; Cobb, 1972h; 1978g, p. 5
9	--	56°58'N, 135°07'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978h
10	Silver Bay	56°57'-57°00'N, 135°03'-135°09'W	P	Vein	Ag,Au	Small amounts of Au and Ag may have been recovered from veins in 1870's and/or 1880's. See also Bauer, Bullion, Cache, Eureka, Free Gold, Lower Ledge, Lucky Chance, Silver Bay (Sitka quad)	Wright, 1908, p. 91; 1909, p. 73; Berg and Cobb, 1967, p. 143; Loney and others, 1975, p. 91; Cobb, 1978g, p. 25
11	Lower Ledge	56°59'N, 135°06'W location approx.	P	Vein?	Au(?)	Au prospect in Silver Bay area	Wright and Wright, 1905, p. 58; Knopf, 1912b, p. 29; Cobb, 1978g, p. 16
12	Cache	56°58'N, 135°06'W	M	Vein	Ag,Au	Irregular body of qz (average thickness approx. 10 ft) reported to have averaged about 0.36 oz Au per ton and some Ag. Three drifts; longest is 160 ft; unknown amount of ore mined and milled, probably all in 1870's and/or 1880's. Mine located in 1872; first lode mine in S.E. Alaska. Includes reference to Stewart	Becker, 1898, p. 63, 79; Wright and Wright, 1905, p. 57-58; 1906, p. 45; Wright, 1907a, p. 60; Knopf, 1912b, p. 27; Kaufman, 1958, p. 7; Noel, 1966, p. 53; Cobb, 1972h; 1978g, p. 7
13	Free Gold	56°58'N, 135°05'W location approx.	P	Lode	Au(?)	Au prospect in Silver Bay area	Wright and Wright, 1905, p. 58; Knopf, 1912a, p. 29; Cobb, 1978g, p. 10
14	--	56°58'N, 135°04'W location approx.	C	--	Au	--	U.S. Bureau of Mines, 1978h
15	Lucky Chance	56°57'N, 135°03'W	M	Vein	Ag,Au	Irregular qz stringers and vein up to 8 ft thick. Hanging wall of lode is slate, footwall is graywacke. Sulfides are mainly in country rock inclusions in vein; py, aspy, and free Au. A sample of ore assayed about 1.45 oz. Au per ton. A little production, probably before 1900. Workings consisted of a 600 ft. adit and a raise	Becker, 1898, p. 62-63, 79-80; Wright and Wright, 1905, p. 58; 1906, p. 45; Wright, 1907a, p. 60; Knopf, 1912b, p. 29; Cobb, 1972h; 1978g, p. 17

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
16-23	Hill	56°54'- 56°58'N, 134°55'- 135°00'W	O	Stratiform?: disseminated; vein	Cr	Small lenses, thin layers, and disseminated grains of cr occur in small serpentinite bodies (originally dunite and pyroxenite) in a belt on central Baranof Island	Guild and Balsley, 1942, p. 173-174, 177-180; Kennedy and Walton, 1946, p. 72-73; Berg and Cobb, 1967, p. 145; Loney and others, 1975, p. 92; Cobb, 1972h; 1978g, p. 12
24	Red Bluff Bay	56°51'N, 134°43'W	P	Stratiform?	Cr	Cr occurs as thin tabular bodies in serpentinized dunite in a concordant sill-like body in phyllite and greenschist. Eight known deposits; 5 contain a total of about 570 tons of rock with more than 40% Cr_2O_3; the other 3 contain about 29,000 tons of rock carrying 18%-35% Cr_2O_3. Chrome-Fe ratio from 18.65 to 50.56. Discovered in about 1933; little exploration and no production	Smith, 1937, p. 88; 1938, p. 98-99; Guild and Balsley, 1942; Kennedy and Walton, 1946, p. 73-75; Twenhofel, 1953, p. 11; Berg and Cobb, 1967, p. 145; Loney and others, 1975, p. 91-92; Cobb, 1972h; 1978g, p. 21
25	Snipe Bay	56°25'N, 134°57'W	P	Stratiform?; massive; disseminated	Ag(?),Cu,Ni	Mag, pent, cp, py, and po in a poorly exposed body of gabbro or norite and hornblendite that intrudes Mesozoic graywacke hornfels; one small massive sulfide body. Size and grade of deposit not known, but it probably contains at least 430,000 tons of material averaging up to 0.3% ea. of Ni and Cu. First staked in 1922. Little exploration and no production. 0.13 oz. Ag a ton reported in old report; not mentioned in later reports	Brooks, 1925, p. 31, 37; Buddington, 1925, p. 95, 106, 107, 110, 113; Buddington and Chapin, 1929, p. 337, 348; Smith, 1938, p. 98; Reed and Gates, 1942; Noel, 1966, p. 65; Berg and Cobb, 1967, p. 144-145; Cornwall, 1968, p. 13, 39; Loney and others, 1975, p. 91; Cobb, 1972h; 1978g, p. 26-27
26	Deleted						
27a-c	Saginaw Bay	56°52'- 56°54'N, 134°09'- 134°17'W location approx.	O	Vein	ba	Barite veins as wide as 5 ft (most are much narrower) in fissures in limestone, conglomerate, and volcanic rocks	Buddington, 1925. p. 72, 136-138; Kaufman, 1958, p. 9; Eakins, 1975, p. 39, 41; Cobb, 1978g, p. 23
28a-d	Cornwallis Peninsula	(a-c)56°55'- 56°56'N, 134°10'-134°15'W	O	(a-c) Vein	(a-c)ba	(a-c)Aggregates and pods of ba as much as 5 ft in diameter; ba vein 1-1 1/2 ft wide, 200 ft long; and many short ba-wi veinlets. Host rocks are Upper Triassic felsic metavolcanic rocks. Includes references to (Kuiu I.)	(a-c)Buddington, 1925, p. 136, 138; Smith, 1933b, p. 81-82; Twenhofel and others, 1949, p. 40-42; Kaufman, 1958, p. 9; Cobb, 1978g, p. 8, 15
		(d)56°54'52"N 134°10'10"W	O	(d)Disseminated	(d)Zn	(d)Very finely disseminated sl in calcite-cemented Carboniferous limestone breccia. Drilled by private interests in 1979	(d)Karl and others, 1980
29a-e	Keku Islets	56°54'-56°57'N, 134°04'-134°09'W location approx.	C	Lode	ba	--	U.S. Bureau of Mines, 1978h
30	--	56°54'N, 134°08'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978h
31	Keku Islet	56°55'N, 134°08'W location approx.	O	Vein	ba,Pb	Veins and veinlets in limestone and marble and rarely in basalt dikes, contain ba and wi; one veinlet contains py and a few streaks of gn	Buddington, 1925, p. 136-137; Twenhofel and others, 1949, p. 40-41, 43-44; Eakins, 1975, p. 39, 41; Cobb, 1978g, p. 14

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
32	Keku Islet, metals	56°56'N, 134°08'W	0	Vein	Ag,Au(?),Zn	Sl fills transverse fractures in altered basaltic dike of Tertiary(?) age in gently warped sandstone and conglomerate. Country rocks next to dike are shattered; contain py and ms that have been minutely brecciated; sl fills the fractures in this breccia. Sample of sl-rich material contained 37.4% Zn, 0.24 oz. Ag per ton, and a doubtful trace of Au	Buddington, 1925, p. 137-139; Berg and Cobb, 1967, p. 188; Eakins, 1975, p. 39, 41; Cobb, 1972h; 1978g, p. 13
33	--	56°53'N, 134°06'W location approx.	C	Lode	Ag,Mn,Pb	--	U.S. Bureau of Mines, 1978h
34	--	56°53'N, 134°04'W location approx.	C	Lode	Pb,Zn	--	U.S. Bureau of Mines, 1978h
35	Port Malmesbury	56°20'N, 134°09'W	0	Unknown	Ag,Au,Pb,Zn	Zn-Pb deposit said to contain Au and Ag. Very little information made public	Berg and Cobb, 1967, p. 188; Cobb, 1972h; 1978g, p. 20
36a-d	--	56°15'- 56°19'N, 134°09'-134°12'W location approx.	C	Lode	Ag,Au,Pb	Total of 38 lode claims in Port Malmesbury area	U.S. Bureau of Mines, 1978h
	Port Conclusion	SE 1/4,NW 1/4,SE 1/4 quad location not shown on map	P(?)	Unknown	Au(?)	Au prospects; abandoned by 1906	Wright and Wright, 1906, p. 46; Wright, 1907a, p. 60; Cobb, 1978g, p. 18
	Port Lucy	SE 1/4,NW 1/4, SE 1/4 quad location not shown on map	P(?)	Unknown	Au(?)	Au prospects; abandoned by 1906	Wright, 1907a, p. 60; Cobb, 1978g, p. 19

PRINCE RUPERT QUADRANGLE (Alaska)
(latitude, approx. 54°30' - 55°; longitude, 130° - 132°)

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
1	Cow	54°58'N, 131°35'W location approx.	C	Stratiform; disseminated	Fe	Titaniferous mag in Jurassic or Cretaceous zoned ultramafic pluton; private drilling	U.S. Bureau of Mines, 1974
2	Percy	54°57'N, 131°36'W location approx.	P		Fe		Taylor and Noble, 1960, p. 181
3	Stebbins	54°56'N, 131°37'W location approx.	C		Fe	Titaniferous mag in Jurassic or Cretaceous zoned ultramafic pluton	U.S. Bureau of Mines, 1974
4	--	54°57'N, 131°26'W location approx.	P		Fe		Irvine, 1959
5	--	54°56'N, 131°24'W	P		Fe		Irvine, 1959
6	--	54°56'N, 131°23'W location approx.	P		Fe		Irvine, 1959
7	--	54°56'N, 131°22'W	P		Cr	Chromite(?) in Jurassic or Cretaceous zoned ultramafic pluton	Irvine, 1959, p. 57-58, 182-183
8	Dud	54°56'N, 131°21'W location approx.	C		Fe	Titaniferous mag in Jurassic or Cretaceous zoned ultramafic pluton	U.S. Bureau of Mines, 1974
9	Peter(?)	54°56'N, 131°20'W	C		Fe		Irvine, 1959; U.S. Bureau of Mines, 1974
10	Red	54°56'N, 131°19'W location approx.	C		Fe		Irvine, 1959; U.S. Bureau of Mines, 1974
11	Ditto(?)	54°56'N, 131°22'W location approx.	C		Fe		U.S. Bureau of Mines, 1974
12	Cove	54°55'N, 131°21'W location approx.	C		Fe		U.S. Bureau of Mines, 1974
13	--	54°55'N, 131°23'W location approx.	P		Fe		Irvine, 1959
14	Camp	54°54'N, 131°22'W	C		Fe		U.S. Bureau of Mines, 1974
15	--	54°54'N, 131°18'W	P		Cr	Chromite in Jurassic or Cretaceous zoned ultramafic pluton	Irvine, 1959, p. 57-58, 182-183
16	Richard	54°53'N, 131°18'W	C		Fe	Titaniferous mag in Jurassic or Cretaceous zoned ultramafic pluton	U.S. Bureau of Mines, 1974
17	--	54°53'W, 131°15'W location approx.	P	Disseminated?	Cu,Ni	Probably disseminated sulfides in mafic igneous rocks	Irvine, 1959, p. 82
18	Creek(?)	54°52'N, 131°17'W	P	Stratiform: disseminated	Fe	Titaniferous mag in Jurassic or Cretaceous zoned ultramafic pluton	Irvine, 1959
19	Ted	54°52'N, 131°12'W	C	Placer	Au	--	U.S. Bureau of Mines, 1974

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
20	Betty, Hope	54°50'N, 131°54'W	C	Lode	RA	--	U.S. Bureau of Mines, 1977b
21	Betty, Hope, Donna	54°50'N, 131°54'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1977b
22	Nelson and Tift Mine	54°49'N, 131°58'W	M	Massive; disseminated; vein	Ag,Au,Cu, Pb	Deposit consists of massive and disseminated py associated with small amounts of cp and bn; sulfides form a lens 75 ft. long, 30 ft. deep, and 9 ft. wide. Lens is in a steep septum 20-40 ft. wide of marble and other calcareous rocks; septum is intruded by qz-diorite. Workings consist of an opencut, several small pits, trenches and drill holes. Discovered in 1935; shipment of sulfides that year yielded 0.73 oz. Au per ton, 0.05 oz. Ag per ton. Total production of about 1,300 tons of ore was shipped to smelter; in addition to Au and Ag, some Cu and Pb were recovered. A few py-bearing qz veins up to 6 in. thick cut calcareous rocks near northern margin of septum. These veins probably contain small amounts of Au. Py and minor mag are disseminated in the marble	Smith, 1939b, p. 21; Mackevett, 1963, p. 99-100; Berg and Cobb, 1967, p. 175; Cobb, 1972i
23	Gardner Bay	54°48'N, 131°58'W	P	Dike	RA	Several small prospect pits on pegmatite dikes and lenses that cut qz diorite. The dikes contain perthite, qz, small amounts of oligoclase, bt, and mag, and sparsely distributed black radioactive minerals	Mackevett, 1963, p. 93-94; Cobb, 1972i
24	Rebekah	54°47'N, 131°59'W	C	Lode	RA	--	U.S. Bureau of Mines, 1977b

SITKA QUADRANGLE
(latitude 57° - 58°; longitude 134° - 136.40°)

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
1a-c	--	57°52'-57°58'N 136°27'-136°32'W location approx.	C	Lode	Ni	Ten lode claims on southern Yakobi Island	U.S. Bureau of Mines, 1978i
2-3	Bohemia Basin	57°58'- 57°59'N, 136°25'-136°26'W	P(?)	Stratiform: massive; disseminated	Ag?,Au?, Cu,Ni, Pt?	Cu-Ni deposits are magmatic segregations chiefly of po, pent, and cp. Deposits form a troughlike body about 150 ft thick near the base of a basin-shaped body of norite that is part of a composite stock composed of gabbroic, dioritic and granitic rocks. Stock intrudes Mesozoic volcanic rocks, graywacke, amphibolite, and granitic gneiss. Eight of 12 known sulfide deposits were explored by 19 trenches and a tunnel 166 ft long, diamond drill holes, pits and magnetometer surveys. Estimated resources consist of 20,700,000 tons of indicated and inferred material containing an average of 0.33% Ni and 0.21% Cu; if the third of the material that is barren could be excluded during mining, grade could be increased to about 0.51% Ni and 0.27% Cu. One old assay indicates traces of Au, Ag and Pt group metals; these elements not mentioned in later reports	Buddington, 1925, p. 95, 98-105, 113; Reed and Dorr, 1942, p. 105-138, Kennedy and Walton, 1946, p. 41-56; Twenhofel, 1953, p. 7; Berg and Cobb, 1967, p. 143-144; Cobb, 1972j; 1978h, p. 20-22
4	--	57°57'N, 136°23'W location approx.	C	Lode	Ni	Four lode claims on southern Yakobi Island	U.S. Bureau of Mines, 1978i
5	--	57°54'N, 136°28'W location approx.	C	Lode	Cu,Ni	Four lode claims near Squid Bay, southern Yakobi Island	U.S. Bureau of Mines, 1978i
6	--	57°53'N, 136°28'W location approx.	C	Lode	Ni	Three lode claims	U.S. Bureau of Mines, 1978i
7	--	57°52'N, 136°27'W location approx.	C	Lode	Ni	Eight lode claims	U.S. Bureau of Mines, 1978i
8	--	57°59'N, 136°23'W location approx.	C	Lode	Cu,Ni	Lode claims near Bohemia Basin	U.S. Bureau of Mines, 1978i
9	--	57°59'N, 136°22'W location approx.	C	Lode	Ni	Two lode claims	U.S. Bureau of Mines, 1978i
10	Goldwin	57°59'- 58°00'N, 136°20'W	P,M(?)	Vein; disseminated	Ag,Au,Cu	Lenticular au-bearing qz veins as much as two ft thick along faults in diorite pluton. Qz contains sparse py and cp. The richest portions of one vein were mined by surface excavation in 1938-39. Some of pyritiferous material contained 69 oz Au and 5.3 oz Ag per ton, but most vein material is very much leaner. Altered wallrock also contains some Au. Some Au and Ag (amount unknown, but probably small) was recovered from surface excavations on another vein. Includes references to: Goldwin, Paramount	Buddington, 1925, p. 123-124; Reed and Coats, 1941, p. 145; Rossman, 1959b, p. 204-208; Berg and Cobb, 1967, p. 142; Cobb, 1972j; 1978h, p. 48
11	--	57°58'N, 136°17'W	P	Vein?	Au	Mineralized fault zone between diorite and quartz diorite; sample contained traces of Au	Rossman, 1959b, p. 212; Cobb, 1972j; 1978h, p. 111

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
12	Wakefield	57°57'N, 136°18'W location approx.	P	Vein?	Au(?)	Claims presumably for Au, staked in 1920 parallel to Apex claims	Buddington, 1925, p. 124; Cobb, 1978h, p. 102
13	Cann Creek	57°58'N, 136°16'W	P	Vein	Au	Qz vein 6-12 in. wide crops out for a distance of 35 ft. Estimated to carry as much as 1 oz Au per ton	Rossman, 1959 b, p. 212; Cobb, 1972j; 1978h, p. 25
14	Nilsen	57°58'N, 136°16'W location approx.	P	Vein?	Au(?)	Two claims staked in 1923. No data on geology or deposit	Buddington, 1925, p. 124; Cobb, 1972j; 1978h, p. 86
15	Apex-El Nido (Mining Co.)	57°57'N, 136°17'-136°18'W	M	Vein; disseminated	Ag,Au,Cu, Pb,W,Zn	In large diorite pluton and in amphibolite mass in pluton. Mines are in qz fissure veins as much as 4-5 ft thick, and in a small, but considerably wider stockwork. Sulfides in veins (and to a lesser extent in wallrock) are py, aspy, cp, gn, sl, and td. Most of values in free Au. Production from 1912 until 1939, when mines closed, was about 20,000 oz of Au and 3,000 oz of Ag. Total length of workings more than a mile. Sc is sparsely disseminated in some veins, but there also are a few small masses mainly of sc. Apex and El Nido vein systems appear to be symmetrical about a vertical fault that bisects the angle between them. Includes references to: Apex, El Nido.	Buddington, 1925, p. 114-121; Buddington and Chapin, 1929, p. 317-319; Reed and Coats, 1941, p. 143-145; Thorne and others, 1948, p. 5; Twenhofel and others, 1949, p. 20-23; Rossman, 1959b, p. 143; Cobb 1972j; 1978h, p. 8-11
16	Stag Bay	57°55'N, 136°13'W	P	Vein	Fe,Pb, Cu	Sheared gabbro or diorite south of entrance to bay locally contains up to 60% mag, 20% ep and qz; py, accompanied by up to 2% cp, locally is abundant; two trenches	Twenhofel and others, 1949, p. 23-24; Berg and Cobb, 1967, p. 142; Cobb, 1972j; 1978h, p. 97
17	Etna	57°55'N, 136°19'W	P	Vein	Au	Qz vein in diorite stock has average width of 16-18 in; vein carries some Au; stripped for 150 ft. Five claims on south side of Stag Bay (1925)	Buddington, 1925, p. 124; Cobb, 1972j; 1978h, p. 41
18	Stag Bay	57°55'N, 136°18'W	P	Vein; disseminated	Au	Auriferous veins in small diorite mass and in adjacent metamorphic rocks on north side of bay	Rossman, 1959 b, p. 213; Berg and Cobb 1967, p. 142; Cobb, 1972j; 1978h, p. 97
19	Cub Mountain	57°33'N, 136°17'W	O	Vein	Au	Qz vein in diorite is about a foot thick and traceable for about 50 ft, contains visible Au. Assays indicate about one oz Au per ton	Rossman, 1959 b, p. 213; Cobb, 1972j; 1978h, p. 37
20	Cobol (Pinta Bay)	57°51'N, 136°13'W	M	Vein	Au,Cu,Pb, Zn	About 100 oz of Au recovered from about 135 tons of ore mined in 1933-1935 from a qz vein about 2 ft wide in qz diorite. Wallrock altered near vein. Vein also contains sparse sulfides including aspy, sl, gn, py, cp, and (in a greenstone inclusion) po. A second vein in greenstone, cherty quartzite, and siliceous limestone appears to be similar, but thinner. Discovered in 1921. Includes references to: Cox, Bolyan & Loberg, Pinta Bay , Pinta Bay Mining Co., West Coast Development Co. See also Baker Peak	Reed and Coats, 1941, p. 142-143; Berg and Cobb, 1967, p. 143; Cobb, 1972j; 1978h, p. 33-34

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
21	Mine Mountain	57°51'N, 136°11'W	O	Vein, disseminated	Au,Pb,Zn, Cu	Au-bearing qz float and a mineralized zone containing 0.01 oz Au per ton. Veins similar to fissure veins near Lake Elfendahl (23); country rocks and mineral deposit are similar to those at Cobol mine (20)	Rossman, 1959b, p. 213; Cobb, 1972j; 1978h, p. 79
22	Southside	57°50'N, 136°13'W	P	Vein	Au	Qz vein 20 in. thick contains free Au. No assay data, but material is said to pan well. Tunnel reported to have been driven 8-10 ft	Buddington, 1925, p. 123; Cobb, 1972j; 1978h, p. 96
23	Lake Elfendahl	57°50'N, 136°15'W	O	Vein	Au(?),Cu, Pb,Zn	Small qz fissure vein in fault contains py, cp, sl, and gn. Au probably also present. No assay data	Rossman, 1959b, p. 213; Cobb, 1972j; 1978h, p. 70
24	Bertha Bay	57°48'N, 136°21'W	P	Vein	Cu	Stringers of cp and po in an altered basic intrusive(?) at contact with quartzite? and schist. No appreciable development	Overbeck, 1919, p. 124; Berg and Cobb, 1967, p. 144; Cobb, 1972j; 1978h, p. 16
25	Deleted						
26	Mirror Harbor	57°47'- 57°48'N, 136°19'W	P	Stratiform: disseminated; massive	Co(?), Cu,Ni	Intergrown po, pent, and cp generally disseminated in norite that is part of a composite stock cutting contact metamorphosed Mesozoic bedded rocks; sulfides locally concentrated into podlike masses; some secondary niccolite. About 5 sq miles of the stock is above sea level. Largest massive sulfide body explored by 180 ft shaft and 150 ft of other underground workings. This and other bodies drilled and trenched by USBM. The largest body contains about 8000 tons of material averaging about 1.57% Ni, 0.88% Cu and probably a little Co (based on old reports). Three other massive sulfide bodies contain only a few tons of sulfide material. A disseminated deposit near Davison Bay contains several million tons of material containing about 0.2% Ni and about 0.1% Cu	Martin, 1919, p. 22-23; Pecora, 1942, p. 221-243; Kennedy and Walton, 1946, p. 56-63; Berg and Cobb, 1967, p. 144; Cobb, 1972j; 1978h, p. 82-84
27	Little Bay	57°47'N, 136°18'W	P	Disseminated	Ag,Au,Cu, Ni	Cp and po in "quartzite". Assays of specimens showed Cu, Ag, Au and (in one specimen) a trace of Ni	Overbeck, 1919, p. 123; Berg and Cobb, 1967, p. 144; Cobb, 1972j; 1978h, p. 73
28	Princess Pinder	57°47'N, 136°16'W location approx.	O	Vein	Au,Cu	Coarse, white qz 7 ft thick between slaty rock and greenstone breccia contains scattered po and co. Assays of samples across width of lode show 0.48 oz Au per ton. No record of any development	Knopf, 1912b, p. 26; Berg and Cobb, 1967, p. 144; Cobb, 1972j; 1978h, p. 88
29	Snow Slide	57°48'N, 136°15'W	P	Disseminated	Cu	6 ft zone of greenschist contains py, cp, and possibly some po. A 171 ft long tunnel driven to undercut mineralized zone did not reach it. Worked in about 1916	Overbeck, 1919, p. 123; Cobb, 1972j; 1978h, p. 95
30	Baker Peak	57°49'N, 136°14'-136°15'W	P	Massive	Ag,Au,Cu, Pb	Upper Triassic(?) (Goon Dip) greenstone cut by aplite dikes. Dikes and wallrock intensely altered. Much py and massive cp. Assays said to show Au, Ag, and Pb; no Pb minerals named. Exploration was about 300 ft of tunnels and crosscuts, a shallow shaft, and open cuts. Includes references to Gold-Copper, Golden Copper. See also Cobol (Pinta Bay)	Overbeck, 1919, p. 121-123; Cobb, 1972j; 1978h, p. 12

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
31	New Chichagof Mining Syndicate	57°47'N, 136°11'W	P	Vein	Au	Fault zone in limestone, metamorphosed bedded rocks, and diorite. Qz locally forms thin veins in fault and cements irregular brecciated zones. Au occurs in the breccia zones. Developed by two tunnels (total length about 950 ft). 110 ft of the zone averaged 0.24 oz Au/ton across a 4 ft mining width (U.S.B.M., unpub. data, 1980). No data on possible production. Includes references to: Brown Bear (Pinta Bay), (Deep Bay)	Reed and Coats, 1941, p. 81, 137-139; Cobb, 1972j; 1978h, p. 85
32	Golden Hand	57°46'N, 136°11'W	P(M?)	Vein	Au	Prospect pits exposed limestone intruded by a small mass of qz diorite, at least some of contact is a fault. Some replacement of limestone by qz near contact; some qz-cemented limestone breccia. A few specks of visible Au in qz veinlets; minor production of Au in 1979 (U.S.B.M., unpub. data, 1980)	Reed and Coats, 1941, p. 136-137; Rossman, 1959b, p. 214; Berg and Cobb, 1967, p. 143; Cobb, 1972j; 1978h, p. 46
33	--	57°45'N, 136°12'W location approx.	C	Lode	Au,Cu	--	U.S. Bureau of Mines, 1978i
34	--	57°55'N, 136°05'W location approx.	C	Lode	Fe	Three lode claims	U.S. Bureau of Mines, 1978i
35	--	57°52'N, 136°02'W location approx.	C	Lode	Fe	Four lode claims	U.S. Bureau of Mines, 1978i
36	Koby (and Shepard)	57°50'N, 13b°00'W	P	Vein	Au,Pb,Zn	Lenticular qz bodies as much as 7 ft thick in a fault zone in greenschist contain free Au and about 1% sulfides (aspy, py, sl, and gn). Explored by pits, trenches, and an adit and crosscut (total length 280 ft). No known production	Reed and Coats, 1941, p. 141; Rossman, 1959b, p. 208-209; Berg and Cobb, 1967, p. 143; Cobb, 1972j; 1978h, p. 66
37	--	57°59'N, 135°52'W location approx.	C	Lode	Ni	Six lode claims	U.S. Bureau of Mines, 1978i
38	--	57°53'N, 135°52'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978i
39	Congress	57°44'N, 136°16'W	P	Vein	Cu	Part of a lens of greenstone in graywacke is schistose with numerous small qz lenses and rodlike bodies that contain sparse cp and po. Mineralized zone is 10-12 ft thick and explored by a tunnel 25 ft long. No data on Au content if any	Overbeck, 1919, p. 123-124; Reed and Coats, 1941, p. 140-141; Berg and Cobb, 1967, p. 144; Cobb, 1972j; 1978h, p. 36
40	Radio	57°41'N, 136°08'W	P	Vein; disseminated	Au(?)	Two tunnels (one 467 ft long and the other 25 ft long) driven along faults in graywacke. Dikes (type not stated) exposed in tunnels are about 6 ft thick; locally contain py and aspy. Qz veins and veinlets as much as a foot thick in places along faults. No data on precious mineral content of dikes or veins; presence of Au inferred from extent of development	Reed and Coats, 1941, p. 135-136; Cobb, 1972j; 1978h, p. 89
41	Bauer & Soni	57°41'N, 136°07'W	P	Vein	Au(?)	Two patented and two fractional unpatented claims. Explored by open-cut and 20 ft tunnel. No other data on prospect. Presence of gold inferred from patents	Reed and Coats, 1941, p. 135; Cobb, 1972j; 1978h, p. 15

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
41	Chichagof Prosperity	57°41'N, 136°07'W	P	Vein	Au?	Prospect explored by approximately 200 ft of tunnels, a winze, and surface excavations. Qz veins as much as 3 ft thick along faults. No available data on metallic mineral content of veins; presence of Au inferred from extent of workings. Includes reference to Monte Cristo	Knopf, 1912b, p. 25; Reed and Coats, 1941, p. 133-134; Cobb, 1972j; 1978h, p. 32
41	Gloria B.	57°41'N, 136°07'W	P	Vein	Au(?)	Several prospect pits, mainly in graywacke country rock; one exposes white chert and a dike with qz veinlets containing py; vein is displaced (apparently less than 10 ft) by a fault	Reed and Coats, 1941, p. 133; Cobb, 1972j; 1978h, p. 45
42	Hirst-Chichagof (Mining Co.)	57°40'- 57°41'N, 136°05'-136°07'W	M	Vein; massive	Ag,Au,Cu, Pb,Zn	Auriferous qz veins in and near Hirst Fault. Country rock is Mesozoic slate and graywacke. Most of ore is in ribbon qz, but some is massive sulfide. Sulfides include aspy, py, sl, gn and cp. Mine developed on at least 12 levels. Deposits discovered in 1905, mined from 1922 practically continuously until World War II. Production through 1938 (no later data) was about 87,980 oz Au and 20,000 oz Ag, probably some Pb and possibly some Cu recovered at smelter. For regional and general data see Chichagoff (#48). Includes references to Bahrt, Bear, Hirst, Hirst Cover Mining Co., Hodson, Hurst, Kay. See also: Chichagof Prosperity Mining Co., Krestof Island	Wright, 1907, p. 60-61; Knopf, 1912b, p. 25; Overbeck, 1919, p. 116-119; Reed and Coats, 1941, p. 78-81; Cobb, 1972j; 1978h, p. 58-61
42	Tillson	57°41'N, 136°06'W	P	Vein	Au(?)	Two faults along which qz is locally present. Tunnel driven about 95 ft along one fault; other fault also in tunnel for about 65 ft. Country rock is probably graywacke. No data on metal content of rocks at prospect	Reed and Coats, 1941, p. 133; Cobb, 1972j; 1978h, p. 101
43	Marinovich	57°41'N, 136°06'W	O	Vein	Au(?)	A small amount of qz in joints and faults that cut graywacke country rock. Tunnel driven 27 ft on a fault with no qz in it. No data on metal content of veins	Reed and Coats, 1941, p. 134; Cobb, 1972j; 1978h, p. 76
44	McKallick (Lode)	57°41'N, 136°05'W	O	Vein	Au(?)	Qz veins in two of several faults that cut graywacke. Two tunnels (total length 90 ft) driven on faults. See also Alaska-Chichagoff Mining Co.	Reed and Coats, 1941, p. 135; Cobb, 1972j; 1978h, p. 77
45	Hanlon	57°40'N, 136°10'W	P	Vein; disseminated?	Au(?)	Opencut exposed a fault in graywacke; a few inches of vein qz with py and aspy in fault. Most of aspy is a replacement mineral in graywacke inclusions in qz. No data on precious mineral content. See also Magoun	Reed and Coats, 1941, p. 132-133; Cobb, 1972j; 1978h, p. 56
46	American Gold Co.	57°39'N, 136°07'W	P	Mineralized fault zone	Au	Developed by 75 ft of crosscuts and 110 ft of drifts on two faults. Opencut exposes a fault containing a qz vein. Qz carries a little Au. No data on possible Au content of material in underground workings	Reed and Coats, 1941, p. 125-126; Cobb, 1972j; 1978h, p. 6

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47	Alaska-Chichagoff	57°39'N, 136°06'W	M	Vein	Ag,Au	About 675 ft of underground workings on faults in graywacke that in places contain as much as 5 ft of qz. At least 660 tons of ore mined with recovery of 1 oz Au/ton (U.S.B.M., unpub. data, 1980) and some Ag. No record of production since 1939	Reed and Coats, 1941, p. 130-132; Cobb, 1972j; 1978h, p. 5
47	Gold Reef No. 1	57°40'N, 136°07'W	P	Vein?	Au(?)	Claim (staked in 1910) on which a shaft 230 ft deep (with 2 short levels from it) was sunk in 1920's. No other data on this prospect; others nearby were on qz in shear zones in shaly graywacke; some sulfides and a little Au	Reed and Coats, 1941, p. 126, 128; Cobb, 1972j; 1978h, p. 47
47	Jumbo	57°39'N, 136°06'W	M	Vein	Au,Pb,Zn	Small crushed zone in argillitic graywacke contains small qz veins, some of which carry Au, py, gn, and sl. More than 1650 ft of underground workings and many surface pits and trenches. All work between 1909 and 1926. Small production reported in 1921	Overbeck, 1919, p. 118-119; Reed and Coats, 1941, p. 126-128; Cobb, 1972j; 1978h, p. 64
47	Minnesota	57°39'N, 136°07'W	P(?)	Vein?	Au	Claim staked in 1912. Exploration 1924-26. See Jumbo	Reed and Coats, 1941, p. 126-128; Cobb, 1972j; 1978h, p. 81
47	Duluth	57°39'N, 136°06'W	P	Vein?	Au(?)	Claim near Klag Bay next to Jumbo; staked in 1912. No other data. See Jumbo	Reed and Coats, 1941, p. 126; Cobb, 1972j; 1978h, p. 38
48	Chichagoff (Mining Co.)	57°40'- 57°41'N, 136°05'-136°08'W	M	Vein	Ag,Au,Cu?,Pb	The following description covers Chichagoff and Hirst-Chichagof mines. Deposits are generally tabular pitching bodies of qz, a few ft wide, several hundred feet long horizontally, and from several hundred to several thousand feet along plunge. Ore shoots localized along intersections of Chichagof fault and splays from it and probably by warps in the surfaces of the faults. The qz veins carry up to 3% of py, aspy, gn, sl, cp, and Au, and, locally, sc and td. Country rock is graywacke, some massive, some shaly (particularly near Chichagof fault). Underground workings at the Chichagoff mine extend at least 4,750 ft horizontally and 3,950 ft vertically. Mine discovered in 1905 and operated practically continuously until World War II. Production through 1938 (no data thereafter) was about 700,000 oz. of Au, and 200,00 oz. of Ag (data incomplete). Cu reported to have been recovered in 1927, but no copper mineral has been reported. Includes references to: Big Four, Chichagoff Development Co., Chichagoff Mines Ltd., De Groff, Golden Gate, Golden Horn, Milles, Sitka. See also: Alaska Chichagoff Mining Co., Apex-El Nido, which Chichagoff Mining Co. operated or explored for shorter periods	Wright, 1907b, p. 60-61; Knopf, 1912b, p. 18, 22-25; Overbeck, 1919, p. 110-111, 113-116; Reed and Coats, 1941, p. 78-81, 86-101; Berg and Cobb, 1967, p. 141-142; Cobb, 1972j; 1978h, p. 28-31

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48	Flora	57°40'N, 136°06'W	P	Vein	Au(?)	Tunnel driven about 90 ft on a shear zone in shaly graywacke; zone contains a qz-calc vein as much as a foot thick. No mention of Au content, if any. Presence of Au inferred from amount of development and from patented status.	Knopf, 1912b, p. 25; Overbeck, 1919, p. 119; Reed and Coats, 1941, p. 132; Cobb, 1972j; 1978h, p. 43
48	Lillian and Princela	57°40'N, 136°06'W	P	Vein	Au(?),Pb	Qz veinlet in a joint in graywacke is as much as a foot thick and locally contains py and gn. Explored by a trench and several pits. No data on possible Au content	Reed and Coats, 1941, p. 132; Cobb, 1972j; 1978h, p. 72
49	Handy-Andy Mining Co.	57°40'N, 136°05'W	P	Vein	Au(?)	Py-bearing qz veins in faults or shear zone in graywacke. Tunnels, inclined shaft and winze. No data on possible precious metal content. Includes reference to Handy. See also Chichagof Extension	Overbeck, 1919, p. 119-120; Reed and Coats, 1941, p. 129; Cobb, 1972j; 1978h, p. 55
49	Submarine	57°40'N, 136°05'W	P	Vein?	Au(?)	Prospect has been staked several times. In 1917 workings consisted of a shallow, water-filled pit	Overbeck, 1919, p. 120; Cobb, 1972j; 1978h, p. 98
50	Chichagof Extension	57°39'N, 136°05'W	P	Vein	Au(?)	Three qz veins as much as 3 ft wide exposed by trenches. No data on metallic mineral content, but Au probably is present	Reed and Coats, 1941, p. 128-129; Cobb, 1972j; 1978h, p. 27
50	Hill and Berkland	57°39'N, 136°05'W	P(?)	Vein	Au(?)	Tunnel driven about 50 ft along a fault in argillaceous graywacke; another fault nearby is exposed at surface and encountered in tunnel. Faults in places contain qz veins as much as 6 in thick. No data on possible metal content	Reed and Coats, 1941, p. 128; Cobb, 1972j; 1978h, p. 57
51	Lucky Shot	57°38'N, 136°04'W	P	Vein	Au?,Pb,Zn	Prospects are on qz veins or on fault zones in graywacke. Sulfides include gn, sl, po, and aspy. Explored by trenches and pits, and a crosscut, drifts and winze (total length 87 ft). No data on possible precious-metal content; presence of Au inferred from amount of development	Reed and Coats, 1941, p. 121-122; Cobb, 1972j; 1978h, p. 74
52	Anderson	57°38'N, 136°01'W	P	Vein	Au(?)	Qz in shear zones in shaly graywacke with some interbedded greenstone. Development consisted of a tunnel 36 ft long and an open cut. No mention of metallic minerals; presence of Au inferred from amount of development	Reed and Coats, 1941, p. 124; Cobb, 1972j; 1978h, p. 7
53	Baney	57°37'N, 136°07'W	P	Vein	Au	Shaft 22 ft deep and many pits expose fault in graywacke over a distance of about 550 ft. A few qz veinlets, mostly in footwall of fault; one veinlet (about 14 in thick) reported to carry about half an ounce of Au per ton	Reed and Coats, 1941, p. 120-121; Cobb, 1972j; 1978h, p. 14

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54	Elbow Passage	57°37'N, 136°05'W	P	Vein	Au	Qz veins as much as a ft thick (one of pyritiferous ribbon qz) in faults and joints in graywacke. One vein in a joint is reported to be of high grade, but its Au content is unknown. Six claims staked in about 1934. Explored by pits and a 29 ft shaft	Reed and Coats, 1941, p. 119-120; Cobb, 1972j; 1978h, p. 40
55	Lake Anna	57°38'N, 136°04'W	P	Vein	Au,Pb,Zn	Qz in a 3-5 ft wide fault zone in slaty rock contains py, gn, po, sl, and (from context) Au. Explored by a tunnel 100 ft long	Overbeck, 1919, p. 120; Cobb, 1972j; 1978h, p. 69
55	Lucky Shot	57°39'N, 136°03'W	P	Disseminated	Au?	Prospect in partly silicified dike 10 ft thick in graywacke; dike and hanging wall contain aspy and py. Explored by tunnel 12 ft long. No data on possible Au content	Reed and Coats, 1941, p. 121-123; Cobb, 1972j; 1978h, p. 74
56	--	57°38'N, 136°07'W location approx.	C	Lode	Au	Three lode claims near Klag Bay	U.S. Bureau of Mines, 1978i
57	McKallick	57°38'N, 136°09'W	P	Placer	Au	Placer ground consists of residual debris, mostly angular graywacke detritus up to 8 ft thick, covered by creek bottom peat and muck. Diggings were 20 ft wide and 50 ft long. Pan concentrates yield dominantly sharp-edged irregular flakes of Au and adhering qz up to 2 mm long. The Au was probably derived from a nearby lode concealed by the dense vegetation	Reed and Coats, 1941, p. 124-125; Cobb, 1972j; 1973, p. 105; 1978h, p. 78
58	--	57°37'N, 135°53'W	O	Disseminated	Cu	Cp, py, and secondary Cu minerals in amygdaloidal greenstone	Loney and others, 1963a; Berg and Cobb, 1967, p. 146; Cobb, 1972j; 1978h, p. 107
59	Falcon Arm	57°33'N, 136°56'W	P	Disseminated; vein	Ag,Au,Pb, Zn	Crosscut more than 2,200 ft long driven to explore sulfide-bearing dikes in massive graywacke. Some felsic aphanite dikes contain py, gn and sl, and reportedly Au and Ag. Graywacke cut by many faults, one of which contains thin qz veins. Drift followed one fault for about 750 ft. Includes references to Falcon Bay Mining Co.	Overbeck, 1919, p. 120; Reed and Coats, 1941, p. 118-119; Berg and Cobb, 1967, p. 142; Cobb, 1972j; 1978h, p. 42
60	--	57°32'N, 135°49'W	O	Disseminated	Cu	Secondary Cu minerals in qz and epidote amygdules in greenstone	Loney and others, 1963a; Berg and Cobb, 1967, p. 146; Cobb, 1972j; 1978h, p. 106

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61	Cobol (Slocum Arm)	57°30'N, 135°52'W	M	Vein	Au,Pb	Two tunnels aggregating about 1900 ft long driven along a fault zone in graywacke. Py, gn, and Au sparsely distributed in a thin qz vein and in gouge; maximum thickness of gouge is about a foot. Includes references to Slocum Arm. Most references to Cobol are to mine near Pinta Bay rather than to this prospect. Production records not available	Reed and Coats, 1941, p. 139-140; Berg and Cobb, 1967, p. 142; Cobb, 1972j; 1978h, p. 35
62	--	57°28'N, 135°46'W location approx.	C	Lode	Mo	Eleven lode claims; disseminated? mo in qz veinlets, in dikes, and in metamorphic country rocks near a diorite? pluton	U.S. Bureau of Mines, 1978i
63	--	57°26'N, 135°46'W	O	Disseminated	Cu,Zn?	Disseminated sulfides and secondary Cu minerals in greenstone and (by spectrographic analysis) traces of Cu and Zn	Loney and others, 1963a; Berg and Cobb, 1967, p. 146; Cobb, 1972j; 1978h, p. 105
64a-b	--	57°27'N,135°23'W; 57°25'N,135°23'W location approx.	C	Lode	Au?	Two patented lode claims in Rodman Creek, Rodman Bay area	U.S. Bureau of Mines, 1978i
65	--	57°20'N, 135°21'W location approx.	C	Lode	Ni	--	U.S. Bureau of Mines, 1978i
66	Rodman Bay	57°21'N, 135°18'W location approx.	P	Vein?	Au?	Qz veins? in slate contain Au and sulfides. 800 ft tunnel and extensive surface work in and before 1904. No mine was developed	Wright and Wright, 1905, p. 58-59; Cobb, 1972j; 1978h, p. 90
67	Sealion Cove	57°17'N, 135°50'W	O	Vein	Cu,Mo	Qz veins in bt hornfels near pegmatite contain sparse cp and mo	Loney and others, 1963a; Berg and Cobb, 1967, p. 146; Cobb, 1972j; 1978h, p. 91
68	--	57°16'N, 135°42'W location approx.	C	Lode	Au	Four lode claims near Sukoi Strait	U.S. Bureau of Mines, 1978i
69	--	57°13'N, 135°33'W location approx.	C	Lode	Au	One lode claim on north side of Krestof Island	U.S. Bureau of Mines, 1978i
70	Magoun	57°10'N, 135°35'W	O	Vein; disseminated	Cu,Mo	Qz veinlet as much as 6 in thick in bt qz diorite contains sparse cp, plates of mo up to about a half inch in diameter, cv, and py. Also some mo in qz diorite wallrock close to veinlet. Includes references to Magoun islands	Smith, 1942b, p. 174-175; Berg and Cobb, 1967, p. 145; Cobb, 1972j; 1978h, p. 75
71	--	57°11'N, 135°27'W location approx.	C	Lode	Au	Twenty-seven lode claims on southern Halleck Island	U.S. Bureau of Mines, 1978i
72	Siginaka Island	57°10'N, 135°27'W	O	Disseminated	Cu	Py, cp, and cv in limonite-stained greenstone	Loney and others, 1963a; Cobb, 1972j; 1978h, p. 93
73	--	57°08'N, 135°22'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978i
74	--	57°06'N, 135°24'W location approx.	C	Lode	Au,Fe	--	U.S. Bureau of Mines, 1978i
75	--	57°06'N, 135°24'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978i
76	--	57°06'N 135°19'W	O	Disseminated	Cr,Fe,Ni?	Mag and cr in serpentinite; spectrographic analysis shows a little Ni	Loney and others, 1963a; Berg and Cobb, 1967, p. 146 Cobb, 1972j; 1978h, p. 104

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77	Cascade	57°04'N, 135°16'W	P(?)	Vein	Au(?),Cu	Shattered quartzite cemented by qz veinlets contains po, aspy and rare cp. Some Au probably is present. Deposit is 300 ft long and apparently 4-20 ft wide. No development other than trenching.	Knopf, 1912b, p. 28-29; Cobb, 1972j; 1978h, p. 26
78	Billy Basin	57°05'N, 135°14'W	P	Vein	Ag,Au,Pb	A little work was done, mainly or entirely before 1900, on small bodies of qz in schistose diorite (Becker) or slate and graywacke (Wright and Wright). Po and gn present. Mill test said to have yielded $7 (about 1/3 oz) in Au and $1 in Ag per ton. Includes reference to Thetis	Becker, 1898, p. 62-63, 80; Wright and Wright, 1905, p. 58; Cobb, 1972j; 1978h, p. 18
79	Blue Lake	57°04'N, 135°12'W	P	Disseminated?	Cu?,Cr,Ni(?), Zn(?)	Gossan in diabase or greenstone contains traces of Cr, Ni, Cu, Co, and Zn. Serpentinite nearby contains a little mag and cr and a trace of Ni	Loney and others, 1963a; Berg and Cobb, 1967, p. 146; Cobb, 1972j; 1978h, p. 19
80	Boston	57°02'N, 135°15'W	P	Vein?	Au(?)	Au prospect in Silver Bay area. No work for several years, as of 1904	Wright and Wright, 1905, p. 58; Knopf, 1912b, p. 29; Cobb, 1972j; 1978h, p. 23
81	Haley and Hanlon	57°03'N, 135°11'W	P	Disseminated; massive?	Co,Cu,Ni	Fifteen ft adit explored a fault in hornblendite. Po and minor amounts of cp in small irregular masses. Largest pods of massive sulfides seen was 10 in. wide and 2-3 ft long. Sample contained 0.99% Cu, 0.20% Ni, and 0.09% Co	Kennedy and Walton, 1946, p. 63-64; Berg and Cobb, 1967, p. 144; Cobb, 1972j; 1978h, p. 54
82	--	57°02'N, 135°11'W location approx.	C	Lode	W	--	U.S. Bureau of Mines, 1978i
83	--	57°01'N 135°10'W location approx.	C	Lode	Ni	--	U.S. Bureau of Mines, 1978i
84	Liberty	57°00'N, 135°10'W	P	Vein	Au,Cu	Qz veins in slate cut by diorite dikes contain calc, chl, py, cp, aspy; veins said to average $2.50 per ton, probably in combined Au and Ag. Mill tests as high as $5 per ton reported. A little development in 1890's.	Becker, 1898, p. 78-79; Cobb, 1972j; 1978h, p. 71
85	--	57°02'N, 135°09'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978i
86	--	57°01'N, 135°09'W location approx.	C	Placer	Au	--	U.S. Bureau of Mines, 1978i
87	Bullion	57°01'N, 135°07'W location approx.	P	Vein?	Au(?)	Au prospect in Silver Bay area	Wright and Wright, 1905, p. 58; Knopf, 1912b, p. 29; Cobb, 1978h, p. 24
88	--	57°06'N, 135°05'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978i

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89,90	Deleted						
91a	Baldy Lode	57°48'N. 135°02'W location approx.	P	Massive	Cu,Ni(?)	Three claims staked for Ni at contact between limestone and intrusive granitic rock. Oxidized mass along contact consisted of py, mag, gr, pyx, hem, qz, and cp (identified only in polished section); po nearby Laboratory tests failed to confirm Ni	Buddington, 1925, p. 108-109; Cobb, 1972j; 1978h, p. 13
91b	--	57°58'N, 135°06'W	P	Disseminated	Cu	Diabase dike contains cp, secondary copper minerals, and (by spectrographic analysis) traces of Ni, Zn, and Cr	Loney and others, 1963a; Berg and Cobb, 1967, p. 146; Cobb, 1972j; 1978h, p. 109
92	3 J	57°47'N, 135°03'W location approx.	P	Disseminated	Cu,Mo	Irregular aplite(?) dikes cut coarse-grained bt-hnbd qz diorite. Cp and mo in both aplite(?) and qz diorite. Chip sample of dike contained 0.01% Mo and 0.07% Cu; chip sample of qz diorite contained less than 0.01% of each	Smith, 1942b, p. 175-176; Berg and Cobb, 1967, p. 145; Cobb, 1972j; 1978h, p. 100
93	Big Ledge	57°48'N, 134°55'W location approx.	P	Disseminated	Cu,Ni,Zn	Mafic dike about 20 ft thick intruded into conglomerate contains disseminated po, cp, pent (largely altered to a secondary Ni mineral), and a little sl and py. Includes references to Tenakee Inlet. Practically no development of claim	Buddington, 1925, p. 107-108; Buddington and Chapin, 1929, p. 348-349; Berg and Cobb, 1967, p. 145; Cobb, 1972j; 1978h, p. 17

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94	Kook Lake	57°39'- 57°40'N, 134°58'-135°02'W location approx.	O	Float, stain	Ag,Au,U	A sample of float contained 0.012 oz Au and 0.014 oz Ag per ton. A sample of Fe-stained pyritic material contained 10 ppm U	Eakins, 1975, p. 24; Cobb, 1978h, p. 67
95	Kelp Bay (Portage Arm)	57°21'N, 134°56'W	O	Vein	Cu	Py, cp, and cv in Fe-stained qz vein	Loney and others, 1963a; Berg and Cobb, 1967, p. 146; Cobb, 1972j; 1978h, p. 65
96	Kelp Bay (Catherine Island)	57°20'N, 134°54'W	O	Vein	Cu	Py and cp in qz vein	Loney and others, 1963a; Berg and Cobb, 1967, p. 146; Cobb, 1972j; 1978h, p. 65
97	Kelp Bay (Middle Arm)	57°20'N, 135°00'W	O	Vein	Cu	Py, cp, cv, bn, and other? sulfides in Fe-stained qz vein	Loney and others, 1963a; Berg and Cobb, 1967, p. 146; Cobb, 1972j, 1978h, p. 65
98	Kelp Bay (South Arm)	57°16'N, 135°01'W	O	Disseminated	Cu,Zn	Py and Cu sulfides in Fe-stained brecciated siliceous rock. Zn is an important trace constituent	Loney and others, 1963a; Berg and Cobb, 1967, p. 146; Cobb, 1972j, 1978h, p. 65
99	Kelp Bay (The Basin)	57°16'N, 134°54'W	O	Vein	Cu,Ni	Py and cp disseminated in limonite-stained vuggy vein qz in aplite and in volcanic rock. Ni is an important trace constituent	Loney and others, 1963a; Berg and Cobb, 1967, p. 146; Cobb, 1972j; 1978h, p. 65
100	Seymour Canal	57°57'N, 134°18'W	P	Vein	Au(?),Cu	Qz veinlets in siliceous schist in zone as much as 20 ft wide carry cp and py and possibly a little Au. Explored by a 60 ft shaft and 25 ft crosscut in early 1900's. Includes references to copper near Windfall Harbor	Wright, 1906, p. 150-151; Berg and Cobb, 1967, p. 140; Race and Rose, 1967, p. 2, 19; Cobb, 1972j; 1978h, p. 92
101a-b	--	57°55'N;134°18'W; 57°51'N;134°17'W location approx.	C	Lode	Cu	Nineteen lode claims in the Windfall Harbor area	U.S. Bureau of Mines, 1978i
102	President	57°48'N, 132°42'W	P	Vein; disseminated	Au,Cu,Pb, Zn	Three zones of qz and mineralized schist each about 30 ft wide separated by narrow belts of barren schist contain sulfides, principally po, py, and cp with small amounts of gn and sl, and a little free Au. Exposed by opencuts; shaft started 1903	Wright, 1906, p. 151; Berg and Cobb, 1967, p. 140; Cobb, 1972j; 1978h, p. 87
103	--	57°44'N, 134°21'W	O	Disseminated	Cu	Disseminated po and cp in schist; Cu content estimated at 0.1%	Race and Rose, 1967, p. 10; Cobb, 1972j; 1978h, p. 108
104	--	57°52'N, 134°15'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978i
105	--	57°52'N, 134°16'W location approx.	C	Lode	Au,Cu	Three lode claims	U.S. Bureau of Mines, 1978i
106	--	57°51'N, 134°19'W location approx.	C	Lode	Cu	Twenty-three lode claims in Windfall Harbor area	U.S. Bureau of Mines, 1978i
106a	--	57°48'30"N, 134°22'W location approx.	O	Disseminated	Nb	Niobian rutile crystals up to 10 cm long in felsic pegmatite veins in migmatite and gneiss	Lathram and others, 1965, p. R43, R45, loc. no. 49
107	--	57°40'N, 134°15'W	O	Massive	Ag,Au,Cu	Massive py and cp with a little qz in sheared and fractured chertlike metarhyolite?; chip sample contained 2% Cu and 0.04 oz Au and 0.66 oz Ag per ton	Race and Rose, 1967, p. 9; Cobb, 1972j; 1978h, p. 110
108	Ebba	57°40'N, 134°14'W	P	Float	Ag,Au,Cu, Ni	Gabbro float partially replaced by po, cp, and possibly other sulfides. Assays showed 0.03% Cu, 0.16% Ni, and 0.02 oz Au and 1.18 oz Ag per ton	Race and Rose, 1967, p. 9; Cobb, 1972j; 1978h, p. 39
109, 110	Gambier Bay	57°30'- 57°32'N, 134°03'-134°07'W	P	Vein?; disseminated	Au,Cu	In early 1900's two prospects were staked. On Brown prospect several open cuts explored brecciated limestone partly replaced by qz and small masses of py and cp; low Au values reported. Cook claim was located on Cu- and Au-bearing ledges; little development; no work for several years as of 1904. Includes references to: Brown, Cook	Wright, 1906, p. 151; Berg and Cobb, 1967, p. 141; Cobb, 1972j; 1978h, p. 44

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
111	--	57°22'N, 134°26'W location approx.	C	--	Au	--	U.S. Bureau of Mines, 1978i
112	N. central Admiralty I.	location approx.	P	Massive?	Ag,Pb,Zn	"Area contains several stratabound massive sulfide Pb-Zn-Ag prospects; active claims and exploration"	Information about localities 112-114 is quoted from an unpublished 1978 report by Bear Creek Mining Company entitled "Significant mineral deposits and anomalies, southeast Alaska"
113	S. central Admiralty I. (4 occurrences)	location approx.	P	Massive?	Cu,Zn	"Major stratabound massive sulfide Cu-Zn prospects; stream-sediment anomalies up to 2% Zn; active claims and exploration; southward continuation of major stratabound massive sulfide belt containing deposit at locality (145a)"	
114	Baranof (Warm Springs Bay), Baranof Island	location approx.	P	Disseminated?, vein?	Cu,Mo	"Significant porphyry Cu-Mo prospect; grades of 0.25% Cu and 0.07% MoS_2 reported"	
	Hofstad and Johnson	NE1/4,SE1/4,NW1/4 quad location not shown on map	O	Vein	Au	Au-bearing vein reported to have been discovered in 1914. Probably near Chichagoff or Hirst Chichagof	Brooks, 1915, p. 43; Cobb, 1978h, p. 62
	Jackson	NE1/4,SW1/4,NW1/4 quad location not shown on map	O	Vein	Au(?)	Discovery reported in 1931 of a promising lead in a mineralized shear zone. Near Hirst Chichagof; may be the same property as Mineral Hill	Smith, 1933b, p. 15; Cobb, 1978h, p. 63
	Krestof Island	NE1/4,SE1/4,SW1/4 quad location not shown on map	P	Vein	Au(?)	Veins said to carry high values in Au. Prospecting, including drilling, 1937-38	Smith, 1939a, p. 19; 1939b, p. 21; Cobb, 1978h, p. 68
	Mineral Hill	NE1/4,SW1/4,NW1/4 quad location not shown on map	M	Vein	Au	Prospecting and a little Au production, 1936-38. Claims at Mineral Hill near Kimshan Cove; may be the same as Jackson property	Smith, 1936, p. 15; 1937, p. 16; Cobb, 1978h, p. 80
	Takanis Bay	NW1/4,NW1/4,NW1/4 quad location not shown on map	P	Stratiform?: disseminated?	Cu(?).Ni(?)	Claims, probably for Ni-Cu, were located south of Takanis Bay	Buddington, 1925, p. 95; Buddington and Chapin, 1929, p. 373; Cobb, 1978h, p. 99
	Silver Bay	SW1/4,SW1/4,SE1/4 quad location not shown on map	P	Vein?	Ag(?),Au(?)	Some development in late 1890's. See also: Liberty, Silver Bay Port Alexander quad	Wright, 1908, p. 91; 1909, p. 73; Cobb, 1978h, p. 94

SKAGWAY QUADRANGLE
(latitude 59° - 60°; longitude 135° - 138°)

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
1	Stained zones north of Margerie Glacier	59°02'N, 137°06'W	0	Stain; disseminated	Unknown	Fe-stained zones occur discontinuously over a broad area in fine-grained clastic rocks. Po, the only sulfide noted, forms about 1% of the rock in the stained zones. No recorded mining claims	Brew and others, 1978, p. C-189
2	Margerie	59°01'N, 137°05'W	P	Vein; massive; disseminated	Ag,Au,Cu, Mo,W,Zn	Porphyry Cu deposit. Qz veins, mineralized shear zones, po-rich massive sulfide bodies, and sulfides disseminated in Cretaceous or Tertiary leucocratic granodiorite and in hornfels. Metallic minerals include cp, py, aspy, sl, po, and mo, accompanied by pow-sc, Au, and Ag. Inferred identified resource is estimated at 160 million tons containing 0.02% Cu, 0.008 oz. Au and 0.13 oz. Ag per ton, and 0.01% W; parts of the deposit are higher grade. Includes references to Margarie Glacier	MacKevett and others, 1971, p. 43; McGee, 1974, p. 8; Brew and others, 1978, p. A6-A7, C149-C162; Cobb, 1972k; 1978e, p. 95
3,4	Tarr Inlet	59°00'-59°02'N, 137°00'-137°03'W	O,P	Disseminated; vein?	Ag,Au,Cu,Pb, Sn(?) W(?),Zn	Porphyry(?) deposits, sheared and altered Cretaceous qz monzodiorite, large xenoliths of hornfelsed shale and volcanic rocks, and 2 small plugs (?) of porphyritic granite contain py, cp, sl, and aspy. Samples of richer parts of deposit(s) contained as much as 3,300 ppm Cu, 5,000 ppm Zn, 3,100 ppm Pb, 50 ppm Ag, and 0.15 ppm Au. Minor amounts of Bi, Sn, and W also are reported	MacKevett and others, 1971, p. 43; Brew and others, 1978, p. C162-C168, C-170; Cobb, 1972k; 1978e, p. 112
5	Mount Abdallah	59°01'N, 136°51'W	O(?)	Disseminated?	Cu?,Ni?	Cu- and Fe-stained zone about 10 ft long and 6 ft wide in hornfels. A grab sample from this zone contained 100 ppm Cu and 70 ppm Ni	MacKevett and others, 1971, p. 79; Brew and others, 1978, p. C189-190
6	Rendu Glacier	59°01'-59°03'N, 136°47'-136°49'W	O	Stratiform?: massive; vein	Ag,Au,Cu,W,Zn	Cu-W skarn deposits. Discontinuous carbonate-calcsilicate lenses in Devonian or Silurian clastic rocks intruded by Cretaceous or possibly Tertiary granitic rocks. Skarn deposits of unknown extent in contact zone contain cp, po, sc, sl, Ag, and Au. Deposits occur in two-mile long zone of iron-stained layers in mountain face. Most deposits are inaccessible; one (called "massive cp" deposit) was sampled and estimated to contain an inferred resource of 4,300 tons containing 0.5% W, 5.0% Cu, and 7 oz. Ag and 0.25 oz. Au per ton	MacKevett and others, 1971, p. 4, 40, 43; Brew and others, 1978, p. C180-C186; Cobb, 1972k; 1978e, p. 105

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
7	Deleted						
8	West of Riggs Glacier	59°10'N, 136°20'W	0	Massive?	--	Sulfide band 5-10 ft. wide in cliff face; too steep to reach	Brew and others, 1978, p. C-326
9	Mt. Brack	59°07'N, 136°17'W	0	Vein; disseminated?	Ag,Au, Cu, Pb, Zn	Sl, gn,cp, sulfosalt, and a little Ag and Au occur in 6-8 in. thick veins and in altered zones in graywacke, limestone, hornfels, siltstone, and mafic dikes. Sb, As, and Cd determined by analysis	MacKevett and others, 1971, p. 4, 40, 53-55; Brew and others, 1978, p. C319-C324; Cobb, 1972k; 197Be, p. 99
10	Minnesota Ridge	59°01'N, 136°16'W	0	Vein	Ag(?),Au,Cu, Mo(?)	Py, cp, and secondary Cu or Fe minerals occur along joints in coarse-grained bt-hnbd granodiorite or quartz diorite. Small outcrop in extensive snow field. Sample of richest-appearing material contained 700 ppm Cu; other samples contained as much as 490 ppm Cu, 0.7 ppm Ag, 0.10 ppm Au, and 30 ppm Mo	MacKevett and others, 1971, p. 35, 43; Cobb, 1972k; 1978e, p. 98; Brew and others, 1978, p. 313-315
11	--	59°01'N, 136°10'W location approx.	C	Lode	Fe	Lode claims on Muir Inlet	U.S. Bureau of Mines, 1978j
12	--	59°00'N, 136°09'W	P	Unknown(lode)	Fe	Two Fe claims at the south end of White Thunder Ridge, 1965	Brew and others, 1978, p. C-272
13	--	59°01'N, 136°06'W	P	Unknown(lode)	Mo	63 claims (Ursus) staked for Mo on Van Horn Ridge in 1965	Brew and others, 1978 p. C-272; U.S. Bureau of Mines, 1978j
14	Van Horn Ridge	59°00'N, 136°05'W	P	Disseminated, vein(?)	Cu(?),Mo	Fe-stained breccia and shear zones 1-12 ft. thick in shale, hornfels, and granodiorite. Samples of altered material contained up to 200 ppm Mo and 150 ppm Cu. Small prospect pits and trenches	MacKevett and others, 1971, p. 35; Brew and others, 1978, p. C316

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
15	McBride Glacier	59°06'N, 136°04'W	O	Disseminated?	Ag,Au,Cu	Ankeritic zones up to 2 ft. thick and 100 ft. long contain aspy, cp, po, py, and small amounts of Au and Ag. Zones are conformable with bedding near facies change between marble and phyllite. Samples contained as much as 0.087 oz. Au per ton and 15 ppm Ag. Five-ft thick andesite dike also contains cp and py	MacKevett and others, 1971, p. 56; Cobb, 1972k; 1978e, p. 96; Brew and others, 1978, p. C325
16	Casement Glacier	59°03'N, 135°57'W	O	Float	Cu,Mo	Mo and secondary Cu minerals in float on lateral moraines	MacKevett and others, 1971, p. 74; Brew and others, 1978, p. C-325; Cobb, 1972k; 1978e, p. 78
17	Hayes	59°02'N, 135°24'W	P	Disseminated?	Cu,Fe	Prospect on a cliff at the head of a talus slope that contains float blocks of marble carrying mag, cp, and hem	Herbert and Race, 1965, p. 19, 24; Berg and Cobb, 1967, p. 162; Cobb, 1972k; 1978e, p. 89
18	--	59°12'N, 136°04'W	O	Disseminated	Mo	Mo disseminated in bt granodiorite(?)	Winkler and MacKevett, 1970, p. 8; Cobb, 1972k; 1978e, p. 115
19	--	59°13'N, 135°52'W	O	Disseminated	Cu(?)	Cp(?) disseminated in hornfels	Winkler and MacKevett, 1970, p. 8; Cobb, 1978e, p. 114
20	Chilkat Peninsula	59°12'N, 135°22'W	O	Disseminated?	Cu	Cp-bearing greenstone or amphibolite	Winkler and MacKevett, 1970, p. 7; Cobb, 1972k; 1978e, p. 79
21	--	59°13'N, 135°25'W location approx.	C	Lode	Au,Fe	Lode claims south of Port Chilkoot	U.S. Bureau of Mines, 1978j
22	Haines	59°15'N, 135°29'W	P	Disseminated	Fe,Ti	Pyroxenite contains up to 10% titaniferous magnetite in grains as much as 0.25 in. diameter. Magnetite contains as much as 3.91% (Knopf) or 2.3% (Robertson) TiO_2. Resource estimated at several billion tons of material containing less than 10% magnetite. Only exploration was 100 ft. tunnel driven in about 1906	Wright, 1909, p. 86; Knopf, 1910b, p. 144-146; Eakin, 1919, p. 27-29; Robertson, 1956, p. 24-27; Cobb, 1972k; 1978e, p. 87-88
23	--	59°15'N, 135°31'W location approx.	C	Lode	Fe	Lode claims south of Mt. Ripinski	U.S. Bureau of Mines, 1978j
24	--	59°16'N, 135°35'W location approx.	C	Lode	Fe	Lode claims in upper Chilkat Inlet area	U.S. Bureau of Mines, 1978j
25	Mt. Ripinski	59°16'N, 135°31'W location approx.	O	Disseminated	Fe	Titaniferous mag deposits associated with mafic and ultramafic rocks	Winkler and MacKevett, 1970, p. 2; Cobb, 1978e, p. 100
26	--	59°19'N, 135°24'W location approx.	C	Lode	RA	Lode claims near Taiyasanka Harbor	U.S. Bureau of Mines, 1978j
27	--	59°21'N, 135°32'W location approx.	C	Lode	Cu	Lode claims on ridge between Chilkoot Lake and Ferebee River	U.S. Bureau of Mines, 1978j
28	--	59°20'N, 135°40'W location approx.	O	Vein	Cu	Bn and hem reported from prospects on ridge between Chilkoot and Chilkat Valleys about 10 mi. northwest of Haines	Buddington and Chapin, 1929, p. 323; Cobb, 1972k; 1978e, p. 113
29	--	59°19'N, 135°43'W location approx.	C	Placer	Au,Cu	Placer claims near the mouth of the Chilkat River	U.S. Bureau of Mines, 1978j
30	Takhin River	59°16'N, 136°08'W location approx.	O	Placer	Au	Au-bearing gravels	Eakin, 1919, p. 23; Cobb, 1972k; 1978e, p. 111
31	Cottonwood Creek	59°17'N, 136°12'W	P(?)	Placer	Au	Placer Au discovered in 1899; no data on production	Wright, 1904a, p. 13; Cobb, 1972k; 1978e, p. 82

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
31	Salmon River (Tsirku River)	59°17'- 59°18'N 136°11'-136°12'W	M	Placer	Au	Au in bench gravels on north side of Tsirku R. between Nugget and Cottonwood Cr. about 20-40 ft above river. Bench has average width of 1500 ft. River bars in same general area carry colors of gold. Au discovered in 1899; a little mining in 1904-05 was reported	Wright, 1904b, p. 63; Cobb, 1972k; 1978e, p. 107
32	Nugget Creek	59°18'N, 136°11'W	M	Placer	Ag,Au	Placer Au discovered in 1899; sporadic mining 1902-1911 or 1912 and possibly in 1929. Total production was probably about 300 fine oz of Au. One concentrate sample contained 266.60 oz. Au and 68.32 oz. Ag per ton. All mining on claims near mouth of creek.	Wright, 1904a, p. 19-20, 26; Eakin, 1919, p. 23; Cobb, 1972k; 1978e, p. 101
33	--	59°18'N, 137°13'W location approx.	C	Placer	Au	Au placer claims on Cottonwood Creek	U.S. Bureau of Mines, 1978j
34	Tsirku River	59°19'N, 136°27'W	O	Float	Pb,Zn	Float sample of vein qz near head of river contained gn and sl	Winkler and MacKevett, 1970, p. 7; Cobb, 1972k; 1978e, p. 107
35	Summit Creek	59°20'N, 136°05'W	P(?)	Vein	Ag,Au,Cu,Pb	Numerous small Ag-Pb veins have a maximum metal content of about 60 oz. Ag and 0.145 oz. Au per ton, and about 35% Pb. One sample contained nearly 3% Cu. Veinlets carry argentiferous gn.	Eakin, 1919, p. 14-15, 18; Berg and Cobb, 1967, p. 161; Cobb, 1972k; 1978e, p. 110
36	Saksaia Glacier	59°22'N, 136°25'W	O	Vein	Ag,ba,Cu,Pb, Zn	Probably fault-controlled lode about 20 ft. thick in metavolcanic rocks exposed in a nunatak. Lode extends at least 1,000 ft. Mineral assemblage is similar to that in barite lode near Glacier Cr. (map no. 39) (ba, qz, calc, py, cp, gn, sl, secondary minerals; and probably sulfosalts). As much as 500 ppm Ag	MacKevett, 1971; MacKevett and others, 1974, p. 25-27, 29; Cobb, 1972k; 1978e, p. 106
37a	--	59°23'N, 136°25'W location approx.	C	Lode	Au,Cu,Pb	Lode claims near Saksaia Glacier	U.S. Bureau of Mines, 1978j
37b	--	59°24'N, 136°23'W location approx.	C	Lode	Au,Cu,Pb	Lode claims near toe of Saksaia Glacier and Glacier Creek	U.S. Bureau of Mines, 1978j
38	Stampede	59°27'N, 136°29'W location approx.	P	Vein?	Au(?)	Exploration of gold lode claims in 1929. Work may have been in Canada.	Smith, 1932, p.15; Cobb, 1978e, p. 109

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
39	Glacier Creek	59°24'N, 136°23'W	P	Vein	Ag,Au,ba,Cu, Pb	Prospect is near southern boundary of a fault zone in chloritic schist that in places is several hundred ft. wide. Deposits consist of ba-rich lodes as much as 30 ft. wide that also contain sl, gn, cp, Ag (probably in argentiferous gn), probably sulfosalts, a little Au, and secondary minerals	MacKevett, 1971; Cobb, 1972k; 1978e, p. 84-85
40	Glacier Creek	59°24'N, 136°21'W	O	Float	ba,Zn	Float samples from Pb-Ag-ba lode contain ba-carbonate veins and sl-bearing veins	Winkler and MacKevett, 1970, p. 7; Cobb, 1972k; 1978e, p. 84-85
41	Glacier Creek	59°24'- 59°25'N, 136°18'-136°20'W	M	Placer	Au	Placer Au discovered in 1889 or 1900. Au occurs in bases of two stages of fluvioglacial gravels. Mining hampered by large floods and large quantities of ground water	Eakin, 1919, p. 21-23; Cobb, 1972k; 1978e, p. 84-85
42	--	59°25'N, 136°18'W location approx.	C	Placer	Au	Patented placer Au claims at the mouth of Glacier Creek	U.S. Bureau of Mines, 1978j
43	Klehini River	59°25'-59°27'N, 136°13'-136° 21'W	M	Placer	Au	Placer Au near mouths of Jarvis and Porcupine Creeks and probably at many other places. Very little mining, but much testing (mainly in early 1930's) to determine if river flats were amenable to dredging	Wright, 1904a, p. 22; Smith, 1932, p. 27; Cobb, 1972k; 1978e, p. 91
44	--	59°25'N, 136°14'W location approx.	C	Placer	Au	Placer Au claims near mouth of Porcupine Creek	U.S. Bureau of Mines, 1978j
45	--	59°25'N, 136°14'W location approx.	C	Placer	Au	Patented placer Au claim along Porcupine Creek	U.S. Bureau of Mines, 1978j
46	--	59°25'N, 136°14'W location approx.	C	Placer	Au	Patented placer Au claim along Porcupine Creek	U.S. Bureau of Mines, 1978j
47	--	59°25'N, 136°15'W location approx.	C	Placer	Au	Patented placer Au claim along Porcupine Creek	U.S. Bureau of Mines, 1978j
48	--	59°24'N, 136°15'W location approx.	C	Placer	Au	Patented placer Au claim along Porcupine Creek	U.S. Bureau of Mines, 1978j
49	Marble Creek	59°24'N, 136°16'W location approx.	M(?)	Placer(?)	Au(?)	Claims staked in about 1900. A little gold may have been mined in 1929	Wright, 1904a, p. 12; Smith, 1932, p. 27; Cobb, 1972k; 1978e, p. 94
50	Grizzly Creek	59°24'N, 136°15'W location approx.	O	Placer(?)	Au(?)	Claims were staked in about 1900. No report of any other activity	Wright, 1904a, p. 12; Cobb, 1978e, p. 86
51	Cahoon Creek	59°23'N, 136°14'-136°15'W	O	Disseminated	Au	Placer mining near mouth and then down McKinley Cr. for 2,000 ft., 1908 to about 1913. Sample of py-bearing slate contained 0.02 ppm Au. Includes references to Calhoun Cr.	Eakin, 1919, p. 22, 24-25; Cobb 1972k; 1978e, p. 77
51	McKinley Creek	59°23'- 59°24'N, 136°14'-136°15'W	M	Placer	Au	Placer Au discovered in 1899 on this tributary of Porcupine Creek. Bedrock is slate with many calc veins, qz veins, and much py; sample of pyritic slate contained 0.12 oz. Au per ton. Creek placer mined for 2,000 ft. downstream from mouth of Cahoon Cr. Bench placer was an old channel 200 ft. above present stream. Mining was hampered by large boulders; flume needed to carry water around part of creek being mined; mining probably ceased in about 1916	Wright, 1904a, p. 24-26; Eakin, 1919, p. 21-25; Cobb, 1972k; 1978e, p. 97

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
51	Porcupine Creek	59°24'- 59°25'N, 136°14'-136°15'W	M	Placer; vein; disseminated	Au,Cu,Pb,Zn	Porcupine Creek and its tributaries McKinely and Cahoon Creeks accounted for most of the estimated 60,000 oz. of placer Au recovered from the area. Country rocks are slate, limestone and diorite. Slate contains calc, qz veins and disseminated sulfides. Sample from apparently barren qz veins assayed 0.25 oz. Au per ton. Au occurs in creek gravels from mouth of Porcupine Creek upstream to McKinely Creek, in low benches along the creek, and in old channels high above present stream. Mining of creek gravels was greatly complicated by many large boulders and by need to divert creek into flumes; floods destroyed workings several times. Concentrates contained Au, gn, mag, cp, much py and some aspy; float sample of vein qz contained sl	Brooks, 1900, p. 374-375; Wright, 1904a, p. 15-24; Smith, 1929, p. 16; Winkler and MacKevett, 1970, p. 6; MacKevett and others, 1974, p. 20-21, 24; Cobb, 1972k; 1978e, p. 102-104
52	--	59°24'N, 136°15'W location approx.	C	Placer(?)	Au	Placer Au claims on Porcupine and McKinley Creeks	U.S. Bureau of Mines, 1978j
53a	--	59°23'N, 136°14' location approx.	C	Placer	Au	Placer Au claims on Porcupine and McKinley Creeks	U.S. Bureau of Mines, 1978j
53b	--	59°24'N, 136°15'W location approx.	C	Placer	Au	Placer Au claims on Porcupine and McKinley Creeks	U.S. Bureau of Mines, 1978j
54	--	59°24'N, 136°14'W location approx.	C	Lode	Au,Cu,Pb	Lode Au claim probably in metamorphic and dioritic rocks containing cp and gn	U.S. Bureau of Mines, 1978j
55	--	59°24'N, 136°14'W location approx.	C	Placer	Au	Placer Au claims along Porcupine Creek	U.S. Bureau of Mines, 1978j
56	--	59°23'N, 136°14'W location approx.	C	Placer	Au	Patented placer Au claim on McKinley Creek	U.S. Bureau of Mines, 1978j
57	--	59°23'N, 136°14'W location approx.	C	Placer(?)	Au	Probable Au placer claim on Cahoon Creek	U.S. Bureau of Mines, 1978j
58	--	59°23'N, 136°15'W location approx.	C	Lode	Au	Lode Au claims probably in metamorphic and dioritic rocks along Cahoon Creek	U.S. Bureau of Mines, 1978j
59	--	59°23'N, 136°13'W location approx.	C	Lode	Au	Lode Au claims probably in metamorphic and dioritic rocks along McKinley Creek	U.S. Bureau of Mines, 1978j
60	--	59°23'N, 136°13'W location approx.	C	Placer	Au	Placer Au claims on McKinley Creek	U.S. Bureau of Mines, 1978j
61	--	59°22'N, 136°12'W location approx.	C	Lode, placer	Au	Lode and placer Au claims along McKinley Creek	U.S. Bureau of Mines, 1978j
62	Big Boulder Creek	59°26'N, 136°14'W location approx.	O	Placer	Au	Small placer Au deposits	MacKevett and others 1974, p. 21; Cobb, 1978e, p. 76
63	--	59°26'N, 136°12'W location approx.	C	Lode	Fe	Lode Fe claims near mouth of Boulder Creek	U.S. Bureau of Mines, 1978j

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
64	--	59°26'N, 136°09'W location approx.	C	Lode	RA	Three lode claims along the Klehini River near Little Boulder Creek	U.S. Bureau of Mines, 1978j
65	--	59°25'N, 136°09'W location approx.	C	Placer	Au	Placer Au claim on south side of Klehini River opposite the mouth of Little Boulder Creek	U.S. Bureau of Mines, 1978j
66	--	59°26'N, 136°08'W location approx.	C	Lode	Au,Cu,Pb	Lode claims near the mouth of Little Boulder Creek	U.S. Bureau of Mines, 1978j
67-68	Klukwan	59°24'- 59°26'N, 135°50'-135°55'W	P	Disseminated; placer	Cu,Fe,Pt, Ti,V	Stratiform? titaniferous mag deposit in pyroxenite that is surrounded by diorite. Ore body is estimated to conain 1-5 billion tons of material continaing an average of about 13% magnetic Fe, of which 500 million tons near base of pyroxenite body contain an average of 20% magnetic Fe. The titaniferous mag is fairly uniformly distributed through the pyroxenite and makes up 15-20% of the rock. Other metalliferous constituents are small amounts of cp, hem, py, and po. Analyzed samples contained 0.01-0.29% V and as much as 0.11% P, 0.03% S, 0.03% Ni. Sc was identified spectrographicallv. Of 10 samples of pyroxenite, 7 contained Pt (average 0.046 ppm) and 7 contained Pd (average 0.040 ppm). A fan below the pyroxenite body contains an estimated 500 million tons of detrital pyroxenite with an average mag content of 10%; A few tons of ore were taken for metallurgical testing, but there has been no commercial production	Robertson, 1956, p. 10-24,28-36; Berg and Cobb, 1967, p. 163; MacKevett and others, 1974, p. 18, 24-25; Cobb, 1972k; 1978e, p. 92-93; Clark and Greenwood, 1972a, p. C159
69	--	59°25'N, 135°40'W location approx.	C	Placer	Au	Placer Au claim on tributary of the Chilkoot River	U.S. Bureau of Mines, 1978j
70	--	59°26'N 135°20'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978j
71	--	59°26'N, 135°19'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978j
72	--	59°27'N, 135°19'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978j
73	--	59°27'N. 135°19'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978j
74	--	59°29'N, 135°21'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978j
75	--	59°28'N, 135°17'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978j
76	Skagway	59°29'N, 135°17'W	P	Disseminated	RA	Faulted qz diorite intruded by fine-grained andesitic dikes and a small rhyolite(?) body. Globules of clay in fracture in rhyolite(?) contain as much as 0.72% eU (1.2% U). Mineralized Fe-stained, altered rhyolite(?) conteins as much as 0.22% eU. No sulfides, a few specks of purple fluorite. Very little radioactive material is present	Freeman, 1963, p. 30; Berg and Cobb, 1967, p. 164; Cobb, 1972k; 1978e, p. 108

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
77	--	59°30'N, 135°16'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978j
78	--	59°30'N, 135°16'W location approx.	C	Lode	RA	--	U.S. Bureau of Mines, 1978j
79	--	59°30'N, 135°16'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978j
80	Clifton	59°31'N, 135°13'W	P	Disseminated; vein	Mo	Leucocratic granite contains approximately 1% disseminated mo that is locally concentrated along joints. 15 foot shaft was sunk and a 30 foot tunnel driven between 1915 and 1917; no production	Smith, 1942b, p. 180-181, Berg and Cobb, 1967, p. 163; Cobb, 1972k; 1978e, p. 81
81	--	59°28'N, 135°12'W location approx.	C	Lode	Au	Lode Au claims near Twin Dewey Peak	U.S. Bureau of Mines, 1978j
82	--	59°26'N, 135°07'W location approx.	C	Lode	Au	Lode Au claim near Denver Glacier	U.S. Bureau of Mines, 1978j
83	--	59°35'N, 135°10'W location approx.	C	Lode	Ag,Au,Pb	Lode claim south of White Pass	U.S. Bureau of Mines, 1978j
84	Inspiration Point Mining Co.	59°37'N, 135°08'W	M	Vein?; disseminated	Ag,Au,Cu,Pb, Zn	Qz diorite contains small lenses and masses of argentiferous gn and probably other sulfides. Gold also reported. Exploration from 1926 until 1932; a few tons of ore containing Ag, Au?, Pb, Zn, and Cu said to have been produced	Smith, 1929, p. 37; Smith, 1930a, p. 14; Herbert and Race, 1964, p. 6; Berg and Cobb, 1967, p.161; Cobb, 1972k; 1978 e, p. 90
85	Clear Creek (Bear Creek)	59°32'N. 136°06'W	P	Placer	Au(?)	A little Au may have been found in 1900	Wright, 1904b, p. 13; Cobb, 1972k; 1978e, p. 75, 80
86	--	59°33'N, 136°05'W location approx.	C	Lode	Cu	Lode Cu claim near the confluence of Nataga Creek and the Kelsall River	U.S. Bureau of Mines, 1978j
87	Bear Creek	59°33'N, 136°09'W	P	Vein	Cu,Zn	Specimen of a qz vein a few inches thick from ridge west of the creek contained py, po, cp, and sl	Eakin, 1919, p. 15; Berg and Cobb, 1967, p. 162; Cobb, 1972k; 1978e, p. 75
88	--	59°34'N, 136°09'W location approx.	C	Lode	Cu,Zn	Lode claim west of the Kelsall River	U.S. Bureau of Mines, 1978j
89	Mt. Barnard Nunatak	59°05'N, 136°54'W	O	Vein?; disseminated?	Ag,Au,Cu	Pods up to 0.5 ft. thick of po, py and a trace of cp associated with andesite, greenstone, and marble. Grab sample of pod contained 1,000 ppm Cu, 0.1 ppm Au, 0.5 ppm Ag and 100 ppm Co	Brew and others, 1978, p. C-189
90	Upper Carroll Glacier	59°06'N, 136°47'W	O	Disseminated?	Unknown	Fe-stained banded gneiss. Three chip samples contained no significant ore metal values	Brew and others, 1978, p. C-189

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
91a-b	Gable Mountain	59°04'N, 136°34'W	D	Vein; disseminated	Ag,Cu,Mo,W	91a: Fe-stained sulfide-coated joints in qz diorite; 7 grab samples ranged in assay value up to 970 ppm Cu, 3 ppm Ag, 200 ppm Mo and 150 ppm W. The area between this location and Bruce Hills may have other Ag, Cu, Mo and W occurrences. 91b: Secondary Cu minerals of unknown extent in diorite, and Cu-stained qz diorite float in talus below a 0.7 ft. wide shear zone with qz stringers and Cu stains; composite grab sample yielded 1000 ppm Cu and small amounts of Ag and Mo; channel sample across shear zone yielded 250 ppm Cu and 7 ppm Ag, while a high grade grab sample yielded 8000 ppm Cu and 5 ppm Ag	MacKevett and others, 1971, p. 4; Brew and others, 1978, p. C317-C318; Cobb, 1978e, p. 83
92	Casement Glacier Moraine	59°00'N, 135°58'W	D	Float	Cu	Cp (approx. 5%) in boulders of skarn in moraine	Moerlein, 1968a; Brew and others, 1978, p. C-349

SUMDUM QUADRANGLE
(latitude 57° - 58°; longitude 132° - 134°)

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
1	Crystal	57°58'N, 133°48'W	M	Vein	Au	Qz fissure vein averaging 4 ft. thick in amphibolite probably derived from andesite or porphyritic basalt. Mined from 1899-1905 and sporadically until early 1930's. Between 1899 and 1905, production from Crystal and nearby Friday mines probably was at least 2,000 oz of Au; no data on later production. Ore is mainly py, some of which had on crystal faces small crystals and particles of Au. Includes references to Daisy Bell and to lode gold near Snettisham	Spencer, 1906, p. 47-48; Knopf, 1912a, p. 39-40; Thorne and Wells, 1956, p. 6; Berg and Cobb, 1967, p. 155; Cobb, 1972l; 1978i, p. 10-11
2	Friday	57°59'N, 133°46'W	M	Vein	Au,Fe	Irregular qz body 1-6 ft. wide in altered slate near diorite intrusive. Developed by two tunnels 750 ft. and 600 ft. long, and by pits and opencuts. Mined from 1899-1904. Ore is low-grade, consisting of auriferous py and much mag. See also Crystal	Spencer, 1906, p. 47; Cobb, 1972l; 1978i, p. 12
2	Snettisham	57°59'N, 133°46'W	P	Disseminated; massive	Cu,Fe,Pt,Ti,V	Titaniferous magnetite in pyroxenite intrusive body that underlies an area of about 390 acres. Titaniferous mag occurs both as masses and as disseminated grains in pyroxenite, and is associated with small amounts of po, cp, and il. Magnetic survey, extensive diamond drilling, and beneficiation tests performed by U.S.B.M. (Thorne and Wells). Composite core sample contained 18.9% Fe, 2.6% TiO_2, 0.29% S, 0.32% P and 0.05% V. Magnetic separation benefication resulted in a product containing 64% Fe, 3.5% TiO_2, 0.3% V, 0.4% S, and less than 0.01% P. Body estimated to contain 500,000 tons of material with 10%-20% Fe, about 2% TiO_2, 0.7% V_2O_5, and 0.0027 oz. per ton of Pt-group metals	Buddington, 1925, p. 133-134; Thorne and Wells, 1956; Page and others, 1973, p. 541; Fischer, 1975, p. 85; Brew and others, 1977, p. 128, 165; Cobb, 1972l; 1978i, p. 25-26
3	--	57°58'N, 133°42'W location approx.	C	Lode	Ag,Au,Cu	--	U.S. Bureau of Mines, 1978k
4	Sweetheart Lake	57°58'N, 133°38'W	O,P(?)	Vein(?)	Au,Pb	Early reports describe claims and assessment work on one or more occurrences of Au- and gn-bearing qz in schist	Spencer, 1906, p. 47; Wright and Wright, 1906, p. 41; Berg and Cobb, 1967, p. 155, 158; Brew and others, 1977, p. 188-189; Cobb, 1972l; 1978i, p. 32
5	Gold Nest	57°57'N, 133°36'W location approx.	P	Vein	Ag,Au(?)	3-ft.-thick brecciated pyritic qz vein contains a little Ag; explored by opencut. Atomic absorption analysis showed as much as 7.0 ppm Au, but this was not confirmed by fire assay. Claims recorded in 1912	Brew and others, 1977, p. 191; Cobb, 1978i, p. 13
6	--	57°57'N, 133°30'W location approx.	O	Vein	Cu,Mo	Traces of mo and cp in chip sample across a heavily iron-stained qz pod parallel to foliation of gneiss. Analysis showed 100 ppm Mo and 200 ppm Cu	Brew and others, 1977, p. 247 Cobb, 1978i, p. 45
7	Arm	57°56'N. 133°35'W location approx.	O	Stain; float	Cu,Pb,Zn	Four claims recorded in 1974 on iron-stained gneiss in a steep gorge. Float sample contained 230 ppm Cu, 400 ppm Zn, and 15 ppm Pb	Brew and others, 1977, p. 188, 191; Cobb, 1972l; 1978i, p. 5

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
8	Sweetheart Ridge	57°55'N, 133°37'W location approx.	0	Massive; disseminated	Ag,Au,Cu,Pb, Zn	Possibly metamorphosed stratabound massive sulfide deposit. Cp and py, with lesser amounts of sl and rare gn in thin layers and as disseminated particles in bands of schist and gneiss. Most important zone known is cataclastic qz-rich gneiss 5-6 ft. thick. Estimated resource per 100 ft. of depth for zone 147 ft. long and 5.5 ft. wide is about 7,300 tons of material with average grade of 0.23 oz. Au and 0.31 oz. Ag per ton and 0.7% Cu. No secondary sulfide enrichment in oxidized surface capping. No development	Brew and others, 1977, p. 192-199, 258; Cobb, 1978i, p. 33
9	Tracy Arm	57°55'N, 133°34'W	P	Massive; disseminated	Ag,Au,Cu,Pb, Zn	Probably metamorphosed and partly remobilized stratabound massive sulfide deposit. Banded po, sl, cp, and a little gn in a well-defined, nearly vertical shear zone. Zone is 1-10 ft. wide and is parallel to foliation of hnbd-plagioclase-bt gneiss; deposit strikes 20°-30°W; exposed in 16-ft. shaft and in 22 opencuts over a distance of 110 ft. Large qz diorite sill nearby; metamorphic rocks cut by qz diorite and mafic dikes. Geochemical sampling indicates that mineralized zone may extend several hundred feet southward beyond trenches. Assuming a length of 850 ft., a depth of half the strike length, and a mining width of 5.2 ft., resource estimate for what seems to be the richest part of the zone is 187,000 tons of material averaging 3.42% Zn, 1.42% Cu, 0.43 oz. Ag per ton, and 0.008 oz Au per ton. Channel samples contained up to 12% Zn, 5.7% Cu, 1 ppm Au, and 52.4 ppm Ag. Deposit discovered 1915 or 1916 and restaked several times since then. No record of production. Includes references to: Jingle-Jangle, Neglected Prize	Buddington, 1925, p. 130-131; Gault and Fellows, 1953; Brew and others, 1977, p. 4, 128-129, 200-203, 258-259; Cobb, 1972i; 1978i, p. 34-35
10	Sawyer Glacier	57°57'N, 133°04'W location approx.	0	Disseminated?	Au,Mo	A 30 ft channel sample across stained gneiss contained 0.10 ppm Au. Another sample contained 10-30 ppm Mo	Brew and others, 1977, p. 246; Cobb, 1978i, p. 24
11	Meigs Peak	57°51'N, 133°42'W	0	Disseminated?	Ag,Au,Pb,Zn	Geochemically anomalous amounts of Ag, Au, Pb, and Zn were found in stream sediment samples from a 4 mi. long stream that originates ½ mi. east of Meigs Peak. Nine samples contained 0.5 to 5 ppm Ag, two contained 0.15 and 0.70 ppm Au, thirteen contained 200 to 400 ppm Zn, and two contained 20 and 140 ppm Pb	Brew and others, 1977
12	Point Coke	57°47'N, 133°42'W	0	Vein	Cu(?)	Five claims located near Point Coke at the turn of the century and in the 1920's. One sample across a qz-feldspar vein contained 300 ppm Cu	Brew and others, 1977, p. 238-239

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
13-14	Sumdum	57°47'- 57°48'N, 133°27'-133°28'W	P	Disseminated; massive; vein	Ag,Cu,Pb,Zn	Probably metamorphosed and partly redistributed stratabound volcanigenic? massive sulfide deposit. Country rock is mainly interlayered light and dark gneiss several thousand ft. west of Coast Range batholith. Deposits are in zones up to 50 ft. wide along crest and flanks of a large isoclinal fold. Deposits consist of massive lenses and disseminated grains of po, py, cp, sl and lesser amounts of bn, cc, ml, az, gn and secondary iron-minerals. In part, the sulfides are in certain layers of the paragneiss hostrocks; in part, they occur in veins? and fault breccia that postdate the presumably syngenetic stratabound deposits. Assuming that the deposits are continuous beneath Sumdum Glacier, and assuming that they are 1,000 ft. deep, 9,000 ft. long, and about 31 ft. wide, they contain about 26,700,000 tons of material with an average content of 0.57% Cu, 0.37% Zn, an 0.3 oz. Ag per ton. Discovered in 1958, and diamond drilled and trenched in 1959	Race, 1962, p. 68-69; U.S. Geological Survey, 1962, p. A54; MacKevett and Blake, 1964; Brew and others, 1977, p. 4, 128-129, 205-212, 258-259; Cobb, 1972i; 1978i, p. 28-29
15	Powers Creek	57°46'N, 133°30'W	M	Placer	Au,Cu	Placer Au discovered in 1869. Some mining, 1870-71; most recent placer claim in 1911. Amount of Au recovered from Powers Cr. and Windham Bay area in 1870-71 was nearly 2,000 oz. Pan concentrates contain Au, po, and cp, all probably derived from Sumdum lode deposit. Assays of pan samples indicated up to 0.0031 oz. Au per cubic yard	Spencer, 1906, p. 2, 45; Brew and others, 1977, p. 130, 224, 225; Cobb, 1972i; 1973, p. 103-104; 1978i, p. 23
16	Deleted						
17	Point Astley	57°42'N, 133°38'W	P	Massive; disseminated; vein	Ag,Cu,Pb,Zn	Possibly metamorphosed and partly redistributed stratabound sulfide deposit. Country rock is phyllite and musc-qz-feldspar schist. Sulfides and secondary minerals occur in qz stringers, as disseminated grains in the schist, and in small massive lenses parallel to foliation in the schist. Sulfides are mainly py and sl with smaller amounts of gn, cp, bn, cc, cv, td, and po. Also traces of ml and native Ag. Deposit(s) occur in a broad irregular zone (or zones) a few hundred meters in strike length. Assays of samples (Brew and others) indicate up to 159.1 ppm Ag, 5,800 ppm Cu, 11,000 ppm Pb, and 90,000 ppm Zn. Prospect has been known since about 1900; subsequently explored by three shafts, several crosscuts, and two adits	Spencer, 1906, p. 44-45; Buddington, 1925, p. 131-133; Wedow and others, 1953, p. 10; Houston and others, 1958, p. 25, 27; Herreid, 1962, p. 56-58; Race, 1962, p. 68-71; Berg and Cobb, 1967, p. 190; Brew and others, 1977, (OF 77-649), p. 6-7, 127, 138-142, 263-264; Cobb, 1972i, 1978i, p. 18-20
18	Bushy Islands	57°43'N, 133°26'W	O	Vein	Ag,Cu,Zn	Cu-stained qz stringers up to 1.5 ft. thick in phyllite localy contain traces of cp, sl, and ml. Chip sample across 5.2 ft. of phyllite and qz stringers contained 700 ppm Cu, 1,600 ppm Zn, and 0.015 oz. Ag per ton	Brew and others, 1977, p. 218; Cobb, 1978i, p. 8

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
19	Portland	57°41'N, 133°22'W	P	Disseminated; vein	Ag,Au,Cu,Pb, Zn	Possibly metamorphosed and partly redistributed stratabound sulfide deposit. Disseminated sulfide and qz-calc stringers along foliation of iron-stained qz-mica schist and phyllite near Coast Range batholith. Sulfides are py and po, with lesser amounts of gn, sl, and cp. 8-ft.-long chip sample from crosscut contained 0.10 ppm Au, 10 ppm Ag, 930 ppm Cu, 1,800 ppm Pb, and 3,400 ppm Zn. Early assays of $0.50-$3.00 Au per ton reported. Claims located in 1889 and relocated in 1897. 365 ft. of workings in 3 adits, probably between 1890 and 1910	Spencer, 1906, p. 45; Herreid, 1962, p. 48; Race, 1962, p. 68-71; Brew and others, 1977, p. 215-217; Cobb, 1972l; 1978i, p. 22
20	Fords Terror area	57°43'N, 133°08'W	O	Disseminated	Mo, Zn	Two Fe-stained areas in pelitic paragneiss containing disseminated sulfides. Five chip samples showed up to 300 ppm Zn, 30 ppm Mo	Brew and others, 1977
21	Sumdum (Chief)	57°39'N, 133°27'W	M	Vein	Ag,Au,Cu,Pb, Zn	Two qz-calc fissure veins in slate (Spencer) or fissile graphitic limestone (USBM in Brew and others) produced about 24,000 oz. of Au and probably about the same amount of Ag. Two veins mined by stoping to surface from 3,500 ft tunnel that intersected veins 500 and 1,200 ft below their outcrops. Lodes as much as 20 ft thick; Au distribution uneven; occurs in pockets where small veins intersect main veins. Veins carry free Au, auriferous py, gn, sl, cp, and aspy; ore ran about 0.4 oz. Au per ton	Spencer, 1906, p. 44; Berg and Cobb, 1967, p. 190; Brew and others, 1977, p. 3, 6-7, 129-130, 176-182; Cobb, 1972l; 1978i, p. 30-31
22	--	57°36'N, 133°26'W location approx.	C	--	Cu	--	U.S. Bureau of Mines, 1978k
23	Holkham Bay	57°38'N, 133°22'W	M	Vein; disseminated	Ag,Au,Cu,Pb	Qz vein 1-2 ft. thick in schist. Developed by a 170-ft. drift, three raises; stoped material probably contained 20-50 oz. Au. Vein traced about 400 ft. by pits. A second vein, 6 ft. thick, was explored by pits and shallow shafts. Vein and included country rock carry gn, py, aspy, cp, and free Au. Analyses indicate traces of Ag. Average Au content of samples from drift was 0.094 oz. per ton. Deposit discovered in about 1900; most work was done before 1909; most recently restaked in 1956	Spencer, 1906, p. 45; Wright, 1907a, p. 58; Berg and Cobb 1967, p. 190; Brew and others, 1977, p. 166-168; Cobb, 1972l; 1978i, p. 14
24	Jackpot	57°36'N, 133°23'W	O	Vein	Au	Gold- and sulfide-bearing qz veins in black slate; resembles deposit at Sumdum Chief Mine	Spencer, 1906, p. 42; Berg and Cobb, 1967, p. 191; Brew and others, 1977, p. 40, 42; Cobb, 1972l; 1978i, p. 15
25	Bluebird	57°36'N, 133°23'W	P	Vein	Ag,Au,Cu,Pb, Zn	Qz vein 1.6 ft. thick contains py, sl, cp, gn, Au, and Ag. Country rock is graphitic schist. Old prospect has opencut, flooded shaft and dump that suggests about 400 ft. of underground workings. No reported production	Brew and others, 1977, p. 183-186; Cobb, 1978i, p. 7

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
26	Sulphide	57°37'N, 133°16'W location approx.	P	Massive	Ag,Au,Cu,Pb, Zn	Possibly a metamorphosed and partly redistributed stratabound massive sulfide deposit. Mineralized zone 5-15 ft. wide and about 830 ft. long is roughly parallel to foliation in gneiss and "quartzite". Poorly defined beds of massive sl, gn, cp, po, aspy, and ms follow selected compositional layers in folded hostrocks. Channel samples indicate as much as 30 ppm Ag, 0.15 ppm Au, 2,500 ppm Cu, 13,000 ppm Pb, and 19,000 ppm Zn. Fire assays showed as much as 0.3 ppm Au and 43.9 ppm Ag. Exploration consists of 4 shallow opencuts	Brew and others, 1977, p. 219-221; Cobb, 1978i, p. 27
27-35							
27	Windham Bay (lodes)	57°36'N, 133°21'W	(a)M (b)O	(a)Vein (b)Disseminated	(a)Ag,Au,Cu,Pb,Zn (b)Fe	(a)Mineralized zones several hundred ft. wide consist of schist and phyllite with qz veins, some of which parallel and some of which cross foliation. Veins all pinch out in short distances; some are a foot or more thick. Veins carry Au and associated Ag, py, po, sl, gn, cp. Except for a few rich pockets, gold content rarely exceeds 0.25 oz. per ton. Many underground workings and opencuts excavated at various times since 1890's, but probably less than 3,000 oz. of Au recovered. Placer Au discovered as early as 1869 and mined sporadically on a small scale into the 1950's; amount recovered not known, but undoubtedly small; most (or possibly all) from Spruce Creek from basins between zones of lode mineralization. Includes references to: Alaska Peerless (Mining Co.), Alaska Windham Gold Mining Co., California-Alaska Mining Co., Helvetia Gold Mining Co., Independent Mining Co., Jenny Reed Gold Mining Co., Jensen, Marty (Mines), Rowe, Shuck R., Shuk R., Slate Cr., Spruce Cr., Sylva Cr., Windham Bay Gold Mining Co., Windham Chief Gold Mining Co., Yates. (b)Ultramafic body contains disseminated mag; chip sample along shore of Windham Bay contained 13.2% Fe; poorly exposed; no exploration	Spencer, 1904, p. 36-37; 1906, p. 38-43; Buddington, 1925, p. 125-127; Berg and Cobb, 1967, p. 190-191; Brew and others, 1977, p. 6-7, 107, 143-165, 169-175, 263-264; Cobb, 19721; 1973, p. 103-104; 1978i, p. 36-39
28		57°36'N, 133°20'W					
29		57°36'N, 133°20'W					
30		57°36'N, 133°18'W					
31	Spruce Creek	57°36'N, 133°20'W	M	Placer	Au		
32	Spruce Creek	57°36'N, 133°19'W	M	Placer	Au		
33	Sylvia Creek	57°34'N, 133°20'W	M(?)	Placer	Au		
34	Slate Creek	57°33'N, 133°21'W	M(?)	Placer	Au		
35	Chuck (Shuck) River	57°30'N, 133°17'W	M(?)	Placer	Au		
36	--	57°37'N, 133°08'W location approx.	O	Disseminated?	Cu,Pb,W	Bedrock and float samples contain traces of gn, po, cp, and sc. Stream sediment sample contained 1,000 ppm W, 2000 ppm As, and 30 ppm Be	Brew and others, 1977, p. 223; Cobb, 1978i, p. 44
37	BBH	57°32'N, 133°00'W	O	Disseminated?	RA	Four elliptical altered zones containing pegmatite lenses in granodiorite. Zones contain as much as 90 ppm eU (16.1 ppm U)	Eakins, 1975, p. 34-39; Brew and others, 1977, p. 235-236; Cobb, 1978i, p. 6
38	Kloss	57°29'N, 133°59'W	P	Disseminated?	Cu(?),Ni(?)	Cu and Ni oxides (exposed by a trench) reported in shear zone 150-200 ft. wide. Cu mineralization along a parallel shear zone nearby. Includes reference to Cu-Ni minerals in Hyd Fm. on north shore of bay	Herbert and Race, 1964, p. 13; Berg and Cobb, 1967, p. 141; Race and Rose, 1967, p. 2; Cobb, 19721; 1978i, p. 17
39	--	57°30'N, 133°57'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978k

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
40	--	57°30'N, 133°31'W location approx.	C	Lode	Au	--	U.S. Bureau of Mines, 1978k
41	K&D	57°29'N, 133°28'W	P	Vein	Ag,Au(?),Sb,Zn	Published reports describe qz veins that carry sl, py, td(?), and as much as 7 ppm Ag. According to D. Grybeck (oral commun., 1980) deposit consists of Au- and sulfide-bearing qz vein about 1.2 m thick in phyllite or schist; vein also contains irregular masses of native Sb up to 15 cm in maximum dimension. Vein explored by adit approximately 20 m long; possibly minor Au production	Alaska Department of Mines, 1957, p. 33, 48; Clark and others, 1970f, p. 3, 7; Cobb, 1972l; 1978i, p.16
42	---	57°27'N, 133°17'W location approx.	C	Lode	Ag,Au	--	U.S. Bureau of Mines, 1978k
43	--	57°25'N, 132°46'W	O	Disseminated?	Cu	Py and cp in sample of bt-qz gneiss	Clark and others, 1970e, p. 3; Cobb, 1972l; 1978i, p. 43
44	--	57°21'N, 133°06'W location approx.	C	Lode	Cu	--	U.S. Bureau of Mines, 1978k
45	Port Houghton	57°19'N, 133°05'W	P	Vein	Au?,Cu	Fissure vein 2-12 ft. thick in shear zone in schist consists of intergrown po, py, mag, cp, qz, gr, amp. Sample across vein (including both mineralized and barren material) contained 1.34% Cu and possible traces of Au and Ni. Explored by opencuts, 2 short adits, and a tunnel leading to a 115 ft. drift along the vein. No record of any production	Wright and Wright, 1906, p. 41; Buddington, 1925, p. 128-130; Berg and Cobb, 1967, p. 191; Cobb, 1972l; 1978i, p. 21
46	--	57°21'N, 132°53'W location approx.	C	Lode	Ag,Au,Pb	--	U.S. Bureau of Mines, 1978k
47	--	57°20'N, 132°45'W	O	Vein; disseminated	Cu	Bn in samples from aplite dike, from qz and pegmatite veins, and from an epidotized fracture	Clark and others, 1970e, p. 4; Cobb, 1972l; 1978i, p. 42
48	--	57°17'N, 132°49'W	O	Vein	Cu	Qz-ep-bn veinlet	Clark and others, 1970e, p. 5; Cobb, 1972l; 1978i, p. 41
49	--	57°16'N, 132°43'W	O	Vein	Cu	Ep-qz-bn veinlet	Clark and others, 1970e, p.5 Cobb, 1972l; 1978i, p. 40
50	--	57°17'N, 133°30'W location approx.	C	Lode	Au,Zn	--	U.S. Bureau of Mines, 1978k
51	--	57°16'N, 133°31'W location approx.	C	Lode	Au,Cu,Zn	--	U.S. Bureau of Mines, 1978k
52	Colp & Lee	57°05'N, 132°39'W	P(?)	Vein; disseminated?	Au,Cu,Pb,Zn	Qz stringers in a mineralized shear zone 140 ft. wide in qz diorite. Stringers contain py, gn, and smaller amounts of sl and cp. Average tenor of shear zone reported to be about 0.145 oz. Au per ton; the richest part, about 5½ ft. wide, is reported to carry about 0.774 oz. Au per ton. No data on development	Buddington, 1923, p. 68; Cobb, 1972l; 1978i, p. 9

TAKU RIVER QUADRANGLE
(latitude, 58° - 59°; longitude, 132° - 134°)

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCE(S)	BRIEF DESCRIPTION	PRINCIPAL REFERENCES
1	--	58°43'N, 133°53'W	0	Lode	Pb,Zn	Lode claim acitve in 1959	U.S. Bureau of Mines, 1977c
2	Boundary Creek	58°39'N, 133°51'W	0	Disseminated?	Ag,Mo	Dikelike body of iron-stained granodiorite and aplite is more than 6 ft long and at least 2,000 ft. thick. Qz diorite and related country rocks locally contain mo. Samples contain up to about 10 ppm Ag and 300 ppm Cu	Brew and Ford, 1969a, p. 12-15; Cobb, 1972m; 1978i, p. 46
3	Taku River	58°34'N, 133°41'W location approx.	0	Vein	Ag,Au,Cu, Pb,Zn	Sl, po, and minor amounts of py, gn, and cp reported. Low assays for Au and Ag. No other data	Wedow and others, 1952, p. 57; Cobb, 1978i, p. 50
4	--	58°28'N, 133°26'W	0	Lode	Cu,Mo	Eight lode claims along boundary, 1961	U.S. Bureau of Mines, 1977c
5	Mt. Brundage	58°17'N, 133°21'W location approx.	0	Disseminated	Cu	Fe-stained siliceous gneiss contains traces of cp and minor po	Brew and others, 1977, p. 243; Cobb, 1978i, p. 48
6	--	58°14'N, 133°27'W	0	Lode	Cu	Six lode claims, 1956	U.S. Bureau of Mines, 1977c
7	--	58°05'N, 133°58'W	0	Lode	Au,Zn	Three lode claims near Steeple Peak, 1954-75	U.S. Bureau of Mines, 1977c
8	Sunrise Canyon	58°05'N, 133°56'W location approx.	P	Vein or bed	Manganese	Rhodochrosite and smaller amounts of manganite and(or) psilomelane, qz, and rhodonite occur in a vein or layer 1 to 3½ ft. thick parallel to foliation in phyllite. Beneficiation tests failed to produce a marketable concentrate. Only development was a few shallow pits and trenches; discovered in about 1935, 8 claims; more staked later	Pittman, 1957; Cobb, 1972m; 1978i, p. 49
9	Limestone Inlet	58°03'N, 133°58'W	M	Vein	Au,Cu,Pb, Zn	Auriferous qz veins 3 in.-9 ft. thick in granitic rock that intrudes volcanic rocks. Veins carry small amounts of gn, sl, cp, py, and free Au. Drifts 320 ft. and 120 ft. long on two levels connected by a raise. Some ore reported to have been processed in a 5-stamp mill in 1916. No data on amount of production. Includes references to: Arizona, Bach, Enterprise, Montana, Williams and Leak	Wright, 1909, p. 72; Knopf, 1911b, p. 97-98; Smith, 1917b, p. 24; Berg and Cobb, 1967, p. 155; Cobb, 1972m; 1978i, p. 47
10	Whiting River	58°03'N, 133°27'W	M(?)	Vein	Ag,Au,Cu, Pb,Zn	Qz fissure veins in dolomite septum or pendant in Coast Range diorite. Veins contain aspy, py, po, gn, sl, and cp. Samples contained as much as 57 ppm Au (probably in aspy) and 1,808 ppm Ag (probably in gn). Veins complexly faulted. Most-explored vein is 4.5 ft. thick and was exposed in an opencut for a length of 80 ft.; 75 ft. long crosscut failed to intersect vein, which probably is faulted. Prospect has been known since 1896 and has been staked and restaked several times. Includes reference to Lost Charlie Ross	Knopf, 1910b, p. 139; Buddington, 1925, p. 135-136; Berg and Cobb, 1967, p. 155; Brew and others, 1977, p. 230-233; Cobb, 1972m; 1978i, p. 51-52

YAKUTAT QUADRANGLE
(latitude 59° - 60°; longitude 138° - 141°)

MAP NO.	NAME(S) (if known)	MAP COORDINATES LOCATION	CATEGORY	FORM OF DEPOSIT	RESOURCES(S)	BRIEF DESCRIPTION	REFERENCES
1	Sitkagi Bluffs (location off map)	59°42'N,140°28'W location approx.	D	Placer	Au	Up to 16 ppm Au in samples of beach sand	Reimnitz and Plafker, 1976, p. 9; Cobb, 1979, p. 25
2	--	59°55'N,139°48'W	C	Placer(?)	Au(?)	Possibly a Au placer claim	U.S. Bureau of Mines, 1973
3	--	59°56'N,139°47'W	C	Placer(?)	Au(?)	Possibly a Au placer claim	U.S. Bureau of Mines, 1973
4	Logan Beach	59°47'- 59°50'N, 139°35'-139°37'W	M	Placer	Au	Black sand and gravel contain small amounts of Au derived from glacial deposits. Small production of only a few oz per year in early 1900's	Tarr and Butler, 1909, p. 165-167; MacKevett and Holloway, 1977, p. 84; Cobb, 1972n; 1979, p. 22
5	Khantaak Beach	59°35'- 59°37'N, 139°45'-139°48'W	M	Placer	Au	Black and "ruby" (gr) sand contains Au derived from glacial deposits. Beach placer mining from 1886-1905; total production was no more than a few hundred oz of Au	Tarr and Butler, 1909, p. 165, 167; Thomas and Berryhill, 1962, p. 6; MacKevett and Holloway, 1977, p. 84; Cobb, 1972n, 1979, p. 21
6	Yakutat Beach	59°27'- 59°32'N, 139°37'-139°49'W	O	Placer	Au,Fe,Ti,W	Beach sands contain local concentrations of mag and il and other Ti minerals. Overall tenor of beach deposits (USBM samples) is about 35 lb Fe and 20.5 lb TiO_2 per cubic yd. Also traces of Au and sc	Thomas and Berryhill, 1962, p. 1, 24, 26-30; MacKevett and Holloway, 1977, p. 84; Cobb, 1972n; 1979, p. 27
7,8	Blacksand Beach	59°26' 139°33'N, 59°21'- 59°27'N, 139°20'-139°36'W	O	Placer	Au,Fe,Pt,Ti	Black beach sands contain mg, il and other Ti minerals, and small amounts of Au. Several samples contained more than 20 lb Fe per cubic yd of beach material in place; one contained 0.5 ppm Au. Reliable report of Pt. Includes reference to Situk	Thomas and Berryhill, 1962, p. 24, 26-28; MacKevett and Holloway, 1977, p. 84; Cobb, 1972n; 1979, p. 19
9	Blacksand Island	59°25'N,139°30'W location approx.	P	Placer	Au	Black sand placers with small amounts of Au; similar to Blacksand Beach. Generally unsuccessful mining in late 1890's or early 1900's; some prospecting more recently	Blackwelder, 1907, p. 86-87; Thomas and Berryhill, 1962, p. 6-7; MacKevett and Holloway, 1977, p. 84; Cobb, 1972n; 1979, p. 20
10	Akwe Beach	59°17'- 59°19'N 138°45'-139°13'W	O	Placer	Cr,Fe,Ti	Local concentrations of mg and il in beach placers; traces of cr and rt in a few samples. General tenor of material in place is no more than 10.5 lb Fe and 1.0 lb TiO_2 per cubic yd	Thomas and Berryhill, 1962, p. 30-31, 33; MacKevett and Holloway, 1977, p. 84; Cobb, 1972n; 1979, p. 17
11	Nunatak Fiord	59°50'N,139°03'W	O	Vein	Au,Cu,Mo	Sulfide-bearing qz veins in amphibolite and Tertiary granite; spectrographic analysis of veins showed up to 0.08 ppm Au, 300 ppm Cu and 10 ppm Mo	MacKevett and Plafker, 1970, p. L4-L5, L7-L8; MacKevett and Holloway, 1977, p. 84; Cobb, 1972n; 1979, p. 23
12	--	59°48'N,138°41'W	O	Disseminated	Cu,Zn	Disseminated py in amphibolite; geochemical samples contained slightly anomalous amounts of Zn and Cu	MacKevett and Plafker, 1970, p. L4-L5; MacKevett and Holloway, 1977, p. 84
13	--	59°38'N,138°23'W	O	Disseminated	Ag,Mo	Altered zone about 75 m wide contains minor amounts of Ag and Mo	MacKevett and Plafker, 1970, p. L4-L5; MacKevett and Holloway, 1977, p. 84
14	--	59°30'N,138°09'W	O	Disseminated	Au,Cu	Greenstone contains disseminated py near contact of qz diorite? intrusive. Spectrographic analysis of greenstone showed 0.08 ppm Au and 2,000 ppm Cu	MacKevett and Plafker, 1970, p. L4-L5, L7-L8; MacKevett and Holloway, 1977, p. 84; Cobb, 1972n; 1979, p. 28
15	--	59°12'N,138°28'W	C	Placer	Fe,Ti	Local concentrations of mg and il in black sands	U.S. Bureau of Mines, 1973
16	--	59°09'N,138°26'W	C	Placer	Fe,Ti	Local concentrations of mg and il in black sands	U.S. Bureau of Mines, 1973
--	Russell Fiord	W1/2,NE1/4quad. not located on map	O,P(?)	Vein	Cu(?)	Claim reportedly staked in 1906 on a cp-bearing vein somewhere on the shore of Russell Fiord; existence of deposit unconfirmed	Blackwelder, 1907, p. 87; Berg and Cobb, 1967, p. 195; MacKevett and Plafker, 1970, p. L3; Cobb, 1979, p. 24
--	Alsek River	E1/2,SE1/4quad.(?) not located on map	O	Placer?; Vein?	Au(?),Cu(?)	Prospectors reported finding colors of Au in canyons in early 1900's. Cu stains also reported; occurrences may be in Canada	Blackwelder, 1907, p. 87; Berg and Cobb, 1967, p. 195; MacKevett and Plafker, 1970, p. L3; Cobb, 1979, p. 18

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