

Table 9. (Continued) Sample data for Table 9. (Deposit localities are shown in Figure 3A)

Locality		Sample No.	
No.	Location	Geologic setting	66A Description of sample
1	Juneau D-5 quad., 1.8 miles N. 5° E. of Mt. Young	Iron-stained altered zones as much as 10 feet thick and 100 feet long in metavolcanic rocks, hornfels, and slate that are cut by numerous mafic dikes	Bd-130B -- selected specimen of sulfides replacing metavolcanic rocks Bd-130C -- grab sample of altered hornfels and slate
2	Juneau D-5 quad., 3.5 miles N. 27½° W. of Mt. Young	Bleached and altered zone 20 feet thick in granodiorite. Irregular-trending iron-stained zones cutting metavolcanic(?) rocks.	Mk-270 -- 20-foot-long chip sample at 6-inch intervals across altered zone none Mk-273 -- grab sample representative of iron-stained zones
3	Juneau D-6 quad., nunatak in Casement Glacier 2.1 miles S. 9° E. from northwest corner of quad.	Quartz-ankerite-barite veins as much as 1 foot thick within 10 to 15 feet thick altered zone in thin-bedded hornfels	Mk-309 -- selected sample of veins
4	Juneau D-6 quad., 5 miles S. 21½° E. from northwest corner of quad.	Altered granitic rock	Mk-310 -- composite grab sample Mk-311 -- selected sample of most altered rock
5	Juneau D-6 quad., north shore Adams Inlet near triangulation station "Upper"	Amygduloidal basalt, weakly mineralized	Mk-156 -- 100-foot-long chip sample at 2-foot intervals Mk-157 -- 44-foot-long chip sample at 2-foot intervals Mk-159 -- 100-foot-long chip sample at 2-foot intervals Mk-160 -- selected sample representative of zone 4 feet long Mk-162 -- 100-foot-long chip sample at 2-foot intervals Mk-164 -- 110-foot-long chip sample at 2-foot intervals
6	Juneau D-6 quad., north of White Glacier between 5 and 6 miles N. 30° E. from southwest corner of quad.	Barite-bearing altered zone 10-feet thick, adjacent to dike that cuts limestone 10-foot thick iron-stained shear zone cutting limestone, some dikes nearby	Mk-253 -- 10-foot-long chip sample across altered zone at 6-inch intervals Mk-254 -- selected sample adjacent to north wall of dike Mk-256A -- selected specimens near dikes Mk-256B -- selected sample of richest-appearing part of shear zone
		Altered zones between 1 foot and 200 feet thick cutting volcanic rocks	Mk-257 -- 6-foot-long chip sample at 6-inch intervals Mk-258 -- 200-foot-long chip sample at 1-foot intervals Mk-259 -- 50-foot-long chip sample at 1-foot intervals
7	Sandy Cove prospect, Juneau C-6 quad., 2.25 miles S. 29° E. from northwest corner of quadrangle	Steep quartz veins as much as 1-foot thick cutting quartz monzonite. Local wallrock alteration adjacent to veins. (See fig. 24)	Mk-224 -- 10-foot-long chip sample across face, sample interval 6 inches Mk-225 -- 5-foot-long channel through high-grade zone in face Mk-226 -- 6-foot-long chip sample at 6-inch intervals Mk-227 -- selected sample representing entire width of a 4-inch-thick vein Mk-228 -- 5-foot-long channel sample across back of portal Mk-229 -- selected sample of 4-inch-thick pyrite-quartz vein Mk-415 -- 14-inch-long channel sample in face Mk-415A -- selected sulfide-rich ore from high-grade zone in face Mk-416 -- selected sample representative of 6 inches of vein Mk-417 -- 1-foot-long channel sample across vein Mk-418 -- selected sample representative of altered wallrock Mk-419 -- 18-inch chip sample across altered wallrock at 2-inch intervals Hf-280B -- selected sample of sulfide-rich ore Hf-280C -- selected sample of sulfide-rich ore
8	Juneau C-6 quad., north of York Creek about 7.5 miles S. 22½° E. from northwest corner of quad.	Numerous pyrite-rich veins as much as 6 inches thick cutting hornfels Iron-stained breccia zone cutting hornfels	Mk-431 -- selected samples representative of pyrite-rich veins Mk-434A -- 20-foot-long chip sample at 1-foot intervals across breccia zone
9	Skagway A-3 quad., location doubtful	Molybdenite-bearing float found on moraine of Casement Glacier by Ohio State Univ. glaciologists in 1965	No sample
10	Skagway A-3 quad., west of McBride Glacier 3.8 miles N. 65° W. of Coleman Peak	Sulfide-bearing ankeritic zones at facies change between phyllite and marble	Mk-411 -- selected samples of richest-appearing sulfide-bearing rock Mk-412 -- 2-foot-long channel sample across ankeritic zone Hx-251 -- selected samples from ankeritic zone
11	Skagway A-3 quad., 2.7 miles N. 38° E. from southwest corner of quad.	Small prospect pits and trenches on iron-stained breccia and shear zones between 1 and 12 feet thick. Country rock is granodiorite and hornfels	Mk-145A -- selected sample from shear zone Mk-145B -- selected sample from breccia zone Mk-146 -- iron-stained rock from shear zone, selected sample Mk-151 -- grab sample from iron-stained fault zone 12 feet thick

Locality		Geologic setting	Sample No.	Description of sample
No.	Location		66A	
12	Skagway A-4 quad., approximately between 0.9 and 1.3 miles west of Mt. Brack	Altered zones as much as 30 feet thick enclosing discrete ankeritic veins as much as 1 foot thick in limestone, siltstone, shale, and graywacke; some mafic dikes	Mk-315 -- sulfide-rich float, source probably nearby Bd-280 -- grab sample from sulfide-rich vein about 8 inches thick that cuts a mafic dike Bd-283B -- grab sample from pyritic vein about 1 inch thick Hx-315A -- selected, probably representative, samples of thin sulfide-bearing quartz veins Hx-315B -- grab sample from ankeritic shear zone 2 feet thick	
13	Skagway A-4 quad., on Minnesota Ridge near Glacier Pass	Copper- and iron-stained tonalite or granodiorite	Bd-185B -- float	
14	Skagway A-5 quad., north of Carrol Glacier	Joint coatings in dioritic rock throughout a large area	Bd-466B -- composite grab sample	
15	Near southwest corner of Skagway A-5 quad.	Iron-stained altered zone about 100 feet thick near contact between hornfels and intrusive rock	Bd-723 -- float, probably representative of altered zone	
16	Near southwest corner of Skagway A-5 quad.	Lens of copper- and iron-stained hornfels about 10 feet long and 6 feet thick	Bd-746 -- grab sample from lens	
17	Skagway A-6 quad., west of Tarr Inlet south of Margerie Glacier	Altered and brecciated zones in granodiorite, generally between 2 and 12 feet thick	Mk-560 -- selected specimen Mk-562 -- composite grab sample from an altered zone about 12 feet thick Mk-563 -- grab sample representative of a 2-foot-thick altered zone	
18	Skagway A-6 quad., west of Tarr Inlet south of Margerie Glacier	Altered hornfels with sulfides as much as 2 feet thick	Hf-360 -- composite grab sample	
19	Margerie prospect, Skagway A-6 quad., south of Margerie Glacier	Quartz veins as much as 2 feet thick, altered zones as much as 12 feet thick, in hornfels and granodiorite	Mk-550A -- 1-foot-long channel sample of quartz vein Mk-550B -- 1-foot-long channel sample of quartz vein Mk-552A -- 1-foot-long channel sample of altered zone Mk-552B -- chip sample at intervals of 4 inches across 5 feet of altered zone Mk-553 -- massive sulfide float, pyrrhotite rich	
20	Mt. Fairweather D-1 quad., 3 miles S. 37° W. from northeast corner of quad.	Small pyrite-rich pods less than 6 feet long and 1 foot thick in limestone	Mk-222 -- selected specimen from pyrite-rich pod	
21	Kunatak molybdenum prospect, Mt. Fairweather D-1 quad., 3.6 miles S. 77° W. from northeast corner of quad.	Extensive stockworks of molybdenite-bearing quartz veins mainly in hornfels	Analyses are shown in table 13.	
22	Mt. Fairweather D-1 quad., north shore of Adams Inlet near entrance. Locality not found.	Molybdenite coating fractures in metamorphic rocks (Smith, 1942, p. 178)	No analyses	
23	Mt. Fairweather D-1 quad., between 3.5 and 5.5 miles S. 45° E. from northwest corner of quad.	Iron-stained zones 1 to 2 feet thick contiguous to mafic dikes that cut hornfels, some thin quartz veins in altered zones	Mk-185A -- selected specimen of pyritized and iron-stained hornfels Mk-187 -- grab sample representative of iron-stained zones Mk-200 -- selected sample representative of 6-inch-thick quartz vein	
24	Mt. Fairweather C-1 quad., North Marble Island, about 5.8 miles S. 38° W. from northeast corner of quad.	Sulfides disseminated in marble near porphyritic dikes and also in the dikes (Reed, 1938, p. 69). Not found during present investigation	No analyses	
25	Mt. Fairweather C-1 quad., south Marble Island about 7.4 miles S. 12½° W. from northeast corner of quad.	Sulfides disseminated in mafic dikes and in silicified limestone and marble near dikes	Mk-36 -- selected sample near lower contact of large dike Mk-38 -- selected sample a few inches below upper contact of large dike Mk-39 -- selected sample of sulfide-bearing mafic dike Mk-41 -- selected sample of sulfide-bearing mafic dike	
26	Mt. Fairweather C-1 quad., prospect on northeast part of Willoughby Island approximately 8 miles N. 34° W. from southeast corner of quad. (location doubtful)	Sulfide replacement in limestone (Reed, 1938, p. 70-72). Not found during current investigation	No analyses	

Locality		Sample No.	
No.	Location	Geologic setting	66A Description of sample
28	Mt. Fairweather C-1 quad., near southwest extremity of Francis Island	Sulfides and their oxidation products in tactite near quartz diorite (see fig. 16)	Mk-17 -- sulfide-bearing float
			Hf-183B -- grab sample of copper-stained metamorphic rock
			Hf-183C -- grab sample of sulfide-bearing contact rock
29	Mt. Fairweather E-1 quad., Alaska Chief prospect, 5.4 miles S. $42\frac{1}{2}^{\circ}$ W. from northwest corner of quad.	Sulfide-rich replacements and disseminations in metamorphic rocks near contact with granodiorite; well-developed gossan (see fig. 17)	Mk-469 -- 51-foot-long chip sample at 1-foot intervals
			Mk-470 -- 43-foot-long chip sample at 1-foot intervals
			Mk-471 -- 6-foot-long chip sample at 6-inch intervals across back of adit near face
			Mk-472 -- 6-foot-long chip sample at 3-inch intervals across back at portal of adit
			Mk-473 -- 51-foot-long chip sample at 1-foot intervals
Mk-475 -- grab sample from ore pile			
Mk-474 -- soil sample			
30	Mt. Fairweather E-1 quad. about 1 mile southwest of Alaska Chief prospect	Shear zone in granodiorite or quartz monzonite	Hx-504B -- grab sample from shear zone
31	Mt. Fairweather E-1 quad., east side of mouth of Dundas River about 9 miles S. 11° E. from northwest corner of quad.	Altered zone, more than 100 feet thick, in metamorphic rocks	Mk-481 -- grab sample from altered zone
			Mk-482 -- 30-foot-long chip sample at 1-foot intervals
			Mk-483 -- selected sample of sulfide-rich rock
			Hx-543 -- selected sample of pyritic schist
			Hx-544 -- 40-foot-long chip sample at 2-foot intervals across best-appearing part of altered zone
Hx-544B -- selected sample of copper-stained rock from altered zone			
32	Mt. Fairweather E-1 quad., east shore of Dundas Bay, about 8 miles N. 17° E. of southwest corner of quad.	Copper-stained quartz veins in cataclastic quartz diorite	Hx-548 -- selected sample representative of quartz veins and host rock
33	Mt. Fairweather E-1 quad., about 8.8 miles N. 41° E. from southwest corner of quad.	Iron deposit shown on unpublished map of Rossman's. Probably along contact between quartz diorite and marble	No analyses
34	Mt. Fairweather D-2 quad., in Bruce Hills 1.4 miles S. 30° W. from northeast corner of quad.	Narrow veins and extensive altered zones in fractured granodiorite with minor hornfels (see fig. 18)	Mk-85A -- selected specimen of sulfide-rich float, source probably nearby
			Mk-85B -- selected specimen of granodiorite with sulfide-bearing veinlets
			Mk-85C -- grab sample of gossan
			Mk-86A -- sulfide-bearing float
			Mk-86B -- selected sample of pyrite-rich vein
			Mk-178 -- grab sample representative of 4-foot-thick altered zone in granodiorite
Mk-179 -- channel sample across 6-inch-thick quartz vein			
Re-56 -- 6-foot chip sample at 6-inch intervals across altered zone			
35	Mt. Fairweather D-2 quad., on Wachusett Inlet 3.7 miles S. 26° W. from northeast corner of quad.	Two molybdenite- and chalcopyrite-bearing quartz veins, 1 to 2 inches thick, in tonalite	Bd-273D -- selected sample of richest-appearing material in vein
36	Mt. Fairweather D-2 quad. on Triangle Island near north end of Queen Inlet	A few hundred pounds of molybdenite were reportedly (Rossman, 1963b, p. 49) mined from Triangle Island in one day. No molybdenite was found on the island during the present study	No analyses
37	Mt. Fairweather D-2 quad. west of Rendu Inlet	Two patented claims on short adit that is caved at portal; not found with certainty. Probably represented by a badly caved working on 6-inch-thick calcite-rich vein. Dioritic dike in footwall, marble in hanging wall	Mk-542 -- grab sample representative of vein
			Mk-544 -- selected specimen from a 6-inch-thick auxiliary vein
38	Mt. Fairweather D-2 quad. west of mouth of Rendu Inlet	Irregular iron-stained altered zones less than 1 foot thick and about 20 feet long in marble	Mk-558 -- selected sample from altered zone
			Mk-559 -- selected sample from pyrite-rich lens about 2 inches thick near foot wall of altered zone
39	Mt. Fairweather D-2 quad. on ridge west of Rendu Inlet	Irregular masses of skarn near contact between diorite and marble; local pyrite-rich lenses and altered zones (see fig. 20)	Mk-548 -- selected sample representative of an altered zone about 15 feet thick
			Mk-549 -- grab sample of skarn
			Hx-626 -- grab sample of skarn

Sample data for Table 9. (Continued)

Locality		Geologic setting	Sample No.	
No.	Location		66A	Description of sample
40	Mt. Fairweather D-2 quad., east of Queen Inlet, northeast of Composite Island	Magnetite in skarn near felsic intrusive rocks. Some irregular pyrite-rich zones mainly in nearby metamorphic rocks. (See figs. 27 and 28)	Mk-298A -- 18-foot-long chip sample at 6-inch intervals across skarn Mk-298B -- selected sample of magnetite and sulfides Mk-299 -- selected sample of magnetite and sulfides Mk-303 -- grab sample of skarn and sulfides from 2-foot-thick skarn Mk-305 -- grab sample, sulfide-bearing altered zone Mk-321 -- selected sample of pyrite-rich vein 6 inches thick Mk-323 -- selected sample, pyrite-rich vein 4 inches thick Mk-324 -- grab sample representative of pyrite-rich pod 6 feet thick and 20 feet long	
41	Mt. Fairweather D-2 quad., 3.2 miles N. 11° W. from southeast corner of quad.	Near contact between metamorphic rocks, chiefly marble, and altered hornblende diorite	Mk-260V -- grab sample float of sulfide-bearing quartz vein	
42	Mt. Fairweather D-2 quad., southern part of Gilbert Island, north of Blue Mouse Cove	Mineralized shear zones as much as 12 feet thick and a few quartz-calcite veins as much as 1½ feet thick	Mk-48 -- chip sample across the richest-appearing 2 feet of an altered zone at 3-inch intervals	
43	Mt. Fairweather D-2 quad., north of summit of Gilbert Island	Sulfide-bearing tactite 1 foot thick in marble 3 feet thick	Hx-659A -- grab sample representative of a 1-foot-thick sulfide-bearing tactite zone	
44	Mt. Fairweather D-2 quad., island south of southwest tip of Gilbert Island	Fractured quartz diorite that is cut by aplite and alaskite dikes and by thin veins and clay seams	Mk-84A -- selected sample of quartz veins with minor sulfides Mk-84B -- grab sample of quartz veins with minor sulfides	
45	Mt. Fairweather D-2 quad. near southwest tip of Gilbert Island	Bleached and fractured quartz diorite that contains stockworks of quartz veins and veinlets, abundant clay seams, and a few aplite dikes. Altered zone is several hundred feet long and at least 50 feet thick	Mk-65 -- selected specimen of a 6-inch thick quartz vein. Mk-67 -- selected specimen of quartz vein (float) Mk-68 -- grab sample from aplite dike Mk-69 -- 100-foot-long chip sample taken at 4-foot intervals Mk-72 -- 52-foot-long chip sample taken at 4-foot intervals	
46	Mt. Fairweather D-2 quad., west of Hugh Miller Inlet near southwest corner of quad.	Three iron-stained pyritic quartz veins, each less than ½ inch thick, in hornblende diorite	Bd-37B -- selected sample of best-appearing vein material	
47	Mt. Fairweather C-2 quad., about 0.7 miles northeast from the head of Charpentier Inlet	Flat-lying altered zone about 50 feet thick in fine-grained diorite	Mk-423 -- 30-foot-long chip sample at 1-foot intervals over best-appearing part of altered zone	
48	Mt. Fairweather C-2 quad., north shore, Geikie Inlet about 2 miles from entrance	Sulfide-bearing greenschist, apparently large	Hx-67 -- selected sample	
49	Mt. Fairweather C-2 quad., west shore of Shag Cove near its entrance. About 7.2 miles S. 3° W. from northeast corner of quad.	Quartz-pyrite veins in sheared quartzose zone	Hx-32A -- 3-foot-long closely spaced chip sample of zone and quartz stringers Hx-32B -- selected sample typical of pyritic pod about 3 feet long and 6 inches thick	
50	Mt. Fairweather C-2 quad., at a rather high elevation southwest of the head of Geikie Inlet; location doubtful	Not found during present investigation. Molybdenite associated with garnet in tactite (Smith, 1942, p. 178)	No analyses	
51	Mt. Fairweather C-2 quad., west of Blackthorn Peak	Magnetic anomaly noted by Seitz (1959, p. 16). Not found during present investigation	No analyses	
52	Mt. Fairweather C-2 quad., south of Wood Lake, location doubtful	Placer gold in glacially derived gravels (Rossman, 1963b, p. 50)	No analyses	
53	Mt. Fairweather B-2 quad., location doubtful	Placer gold claims on upper Dundas River	No analyses	
54	Mt. Fairweather B-2 quad., east of Brady Glacier, south of Abyss Lake	Several lenses of magnetite-rich skarn as much as 10 feet thick and 30 feet long, minor sulfides	Mk-460A -- selected sample of skarn Mk-460B -- grab sample of skarn	

Sample data for Table 9. (Continued)

Locality		Sample No.	
No.	Location	Geologic setting	66A Description of sample
55	Mt. Fairweather B-2 quad., east of lower Brady Glacier	On faulted quartz veins as much as 8 inches thick. Probably at or near locality described by Rossman (1963b, p. 50)	Mk-455 -- composite grab sample from quartz veins
56	Mt. Fairweather B-2 quad. on lower Brady Glacier	Float from molybdenite-bearing quartz veins reported by Smith (1942, p. 177) and by Buddington and Chapin (1929, p. 329, 330)	No analyses
57	Mt. Fairweather B-2 quad. south of West Arm of Dundas Bay	Gold-bearing quartz veins reported by Rossman (unpublished notes); not found during current investigation	No analyses
58	Mt. Fairweather B-2 quad., on island in West Arm of Dundas Bay	Copper-bearing hornblendite dikes cutting diorite	Hx-484A -- grab sample of copper-bearing hornblendite
59	Mt. Fairweather B-2 quad., outwash of Brady Glacier	Placer gold deposits reported by Rossman (1963b, p. 50)	No analyses
60	Mt. Fairweather D-3 quad., west of Rendu Inlet	Molybdenite-bearing quartz veins, less than 2 inches thick, with minor chalcocopyrite and pyrite	No analyses
61	Mt. Fairweather D-3 quad. on north side of Russel Island	Two quartz-calcite veins, 3 to 5 inches thick, within a 3-foot-thick altered zone cutting granodiorite	Ov-2041 -- selected sample of quartz veins
62	Mt. Fairweather D-3 quad. on west side of Tarr Inlet	Several copper-bearing quartz-calcite veins as much as 6 inches thick within a 6-foot-thick zone of hornblende diorite pegmatite	Fd-428B -- grab sample of veins
63	Mt. Fairweather D-3 quad. west of Tarr Inlet	Altered pale-green quartz monzonite with local disseminated sulfides and sulfide-bearing veinlets	Hx-391 -- grab sample containing sulfides
64	Mt. Fairweather D-3 quad., north shore of Johns Hopkins Inlet near western edge of quad. and extending into Mt. Fairweather D-4 quad.	Altered zones between 3 and 100 feet wide in metamorphic, intrusive, and volcanic rocks	Mk-396 -- grab sample from an altered zone about 100 feet wide Mk-399 -- 8-foot-long chip sample at 6-inch intervals Mk-521 -- 40-foot-long chip sample at 1-foot intervals Mk-522 -- selected sample of pyrite-rich part of altered zone Mk-524 -- 75-foot-long chip sample at 1-foot intervals Mk-525 -- chip sample at 1-foot intervals across 10 feet of altered zone of Mk-524 nearest contact with granodiorite Mk-527 -- 10-foot-long chip sample at 6-inch intervals Mk-528 -- grab sample representative of richest-appearing part of a 30-foot-wide alteration zone
65	Mt. Fairweather D-3 quad. south of Johns Hopkins Inlet west of Lamplugh Glacier	Altered granitic rocks with copper stained fractures; altered zone is about 200 feet wide and extends several hundred feet along strike	Fd-397 -- composite grab sample
66	Mt. Fairweather D-3 quad. west of Lamplugh Glacier	Hornfels containing disseminated pyrite, appears to be part of extensive iron-stained area on southwest flank of Mt. Cooper	Bd-382B -- composite grab sample
67	Mt. Fairweather D-3 quad. southwest of Lamplugh Glacier	Copper-stained hornfels cut by a few quartz veins. Altered zone is more than $\frac{1}{2}$ mile long and $\frac{1}{4}$ mile wide	Bd-433A -- selected sample of a pyritic quartz vein Bd-433B -- selected sample of copper-stained hornfels
68	Mt. Fairweather D-3 quad. west of the head of Lamplugh Glacier	Altered zone 60 feet thick at contact between intrusive and metamorphic rocks	Ov-1903B -- selected sample of best-appearing material in altered zone
69	Mt. Fairweather D-3 quad. east of Reid Glacier	Altered zones as much as 25 feet thick and a few narrow quartz veins in strongly folded metamorphic rocks, mainly marble	Mk-566 -- grab sample representative of a 10-foot-thick altered zone Mk-567 -- grab sample representative of a 15-foot-thick altered zone Mk-568 -- float from quartz vein
70	Mt. Fairweather D-3 quad., near south end of ridge west of Reid Glacier	Altered zones as much as 6 feet thick in metamorphic rocks, a few quartz veins between 6 inches and 4 feet thick	Mk-366 -- 5-foot-long chip sample at 4-inch intervals Mk-368 -- 2-foot-long channel sample across a quartz vein

Sample data for Table 9. (Continued)

Locality		Geologic setting	Sample No.	
No.	Location		66A	Description of sample
71	Mt. Fairweather C-3 quad. east of Brady Glacier, south of the head of Reid Inlet	Several widely spaced iron-stained alteration zones between 5 and 10 feet thick within a schist and hornfels sequence	Mk-564 -- Mk-565 --	grab sample representative of an 8-foot thick altered zone selected sample of best-appearing mineralized part of alteration zone
72	Brady Glacier nickel-copper prospect, on nunatak in Brady Glacier in the southwestern part of Mt. Fairweather C-3 quad.	Layered mafic and ultramafic intrusive rocks with disseminated and massive sulfides. (See fig. 31)		Analyses are shown in table 15
73	Mt. Fairweather B-3 quad. on Astrolabe Peninsula	Magnetite- and ilmenite-bearing layered mafic intrusive rocks, widespread but mainly throughout a stratigraphic interval of about 1,000 feet (Rossman, 1963a, p. 44)		No analyses
74	Mt. Fairweather D-4 quad., on south shore of John Hopkins Inlet west of Lamplugh Glacier	Oxidized pyrite-bearing igneous complex about $\frac{1}{2}$ mile wide	FD-400A --	composite grab sample
75	Mt. Fairweather D-4 quad., south shore of John Hopkins Inlet east of Hoonah Glacier	Pyritic hornfels between 4 and 6 feet thick	FD-402 --	composite grab sample
76	Mt. Fairweather D-4 quad., northwest shore of John Hopkins Inlet	Hornfels with disseminated sulfides throughout an extensive zone	Mk-531 --	representative grab sample
77	Mt. Fairweather D-4 quad., south of John Hopkins Inlet, east of Hoonah Glacier	Large altered zone (several hundred feet thick) in hornfels near intrusive contact	Bd-702A -- Bd-702C --	composite grab sample of sulfide-bearing hornfels composite grab sample of hornfels with gray sulfides
78	Mt. Fairweather C-4 quad., both east and west of North Crillon Glacier	Copper-stained amphibolite (Rossman, unpublished notes)		No analyses
79	Mt. Fairweather C-4 and questionably C-5 quads., northwestern edge of Crillon-LaPerouse stock adjacent to North Crillon Glacier	Layered mafic intrusive rocks in contact with schist. (Rossman, 1963a, p. 42, 43), (Kennedy and Walton, 1946, p. 67-72)		No analyses
80	Mt. Fairweather C-4 and C-5 quads., near contact of Crillon-LaPerouse stock adjacent to South Crillon Glacier	Layered mafic intrusive rocks near contact with metamorphic rocks. (Rossman, 1963a, p. 42-43), (Kennedy and Walton, 1946, p. 71)		No analyses
81	Mt. Fairweather B-4 and C-4 quads., location doubtful; Oregon King claims	Thirty-six placer claims north of LaPerouse Glacier (unpublished information from the State of Alaska Division of Mines and Minerals)		No analyses
82	Mt. Fairweather B-4 quad. about 3 miles northwest of Mt. Marchainville	Large copper-stained zone in gneiss near intrusive contact (Rossman, unpublished notes)		No analyses
83	Mt. Fairweather B-4 quad. about $2\frac{1}{2}$ miles north of Mt. Marchainville	Iron-stained zones in layered mafic intrusive rocks near contact with metamorphic rocks (Rossman, unpublished notes)		No analyses
84	Mt. Fairweather C-5 quad., southwest shore of southeast arm of Lituya Bay	Sulfides replacing dike (Kennedy and Walton, 1946, p. 71)		No analyses
85	Mt. Fairweather C-5 quad., southeast of Lituya Bay	Hydrothermally altered zones with minor gold values (Rossman, 1959, p. 57, 58)		See text
86	Mt. Fairweather C-5 quad., moraine on North Crillon Glacier	Copper-bearing float in moraine (Kennedy and Walton, 1946, p. 71)		No analyses
87	Mt. Fairweather C-5 quad., south of mouth of Lituya Bay	Beach placers (Rossman, 1963a, p. 45-47), (Rossman, 1957), (Mertie, 1933, p. 133-135)		No analyses
88	Mt. Fairweather C-6 quad., north of mouth of Lituya Bay	Beach placers (Rossman, 1963a, p. 45-47), (Rossman, 1957), (Mertie, 1933, p. 133-135)		No analyses