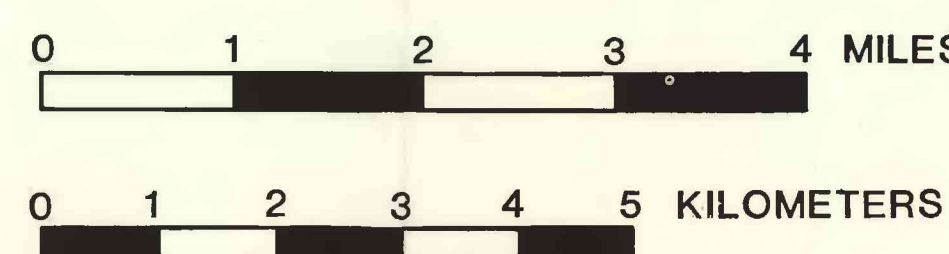




Data compiled by B.F. Molnia in 1976-77

Base from U. S. Geological Survey
Mt. Fairweather B-4, C-5, and D-6, 1961

SCALE 1:63 360



Sample	Time	Mean	Standard	Percent	Percent	Mean	SD	Mean	SD	Mean	SD
T-1	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-2	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-3	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-4	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-5	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-6	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-7	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-8	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-9	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-10	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-11	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-12	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-13	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-14	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-15	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-16	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-17	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-18	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-19	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-20	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-21	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-22	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-23	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-24	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-25	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-26	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-27	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-28	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-29	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-30	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-31	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-32	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-33	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-34	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-35	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-36	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-37	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-38	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-39	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-40	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-41	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-42	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-43	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-44	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-45	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-46	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-47	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-48	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-49	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-50	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-51	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-52	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-53	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-54	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-55	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-56	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-57	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-58	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-59	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-60	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-61	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-62	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-63	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-64	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-65	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-66	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-67	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-68	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-69	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-70	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-71	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-72	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-73	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-74	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-75	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-76	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-77	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-78	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-79	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-80	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-81	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-82	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-83	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-84	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-85	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-86	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-87	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-88	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-89	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-90	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-91	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-92	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-93	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-94	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-95	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-96	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-97	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-98	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-99	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0
T-100	11.0	44.8	2	0	0	-0.5	-1.2	1.3	0.7	0.0	0.0

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MAP SHOWING
COAST

- Limit of moraines
- Base of raised sea cliff
- Fairweather fault (other faults not shown)
- ooooo Ponding barrier
- ||||-| Backbeach scarp >3m in height (dashed where discontinuous)
- W-| Backbeach scarp <3m in height (dashed where discontinuous)
- Delta
- 1958 rockslide scar
- Scourline from 1958 giant wave

	Band 2	Band 3	Band 4	
ES		GRAIN SIZE OF BEACHES	SUSCEPTIBILITY TO OIL SPILLS	
and	A Area of active erosion	⋯ Sand	A Vegetated beach meadow	Highest
ion	B Area subject to glacial-lake breakout floods	○ Pebbles	B Bedrock platform with tidal pools	
	C Beach with cusps	● Cobbles	C Sloughs, backwaters, ponds	Very High
	D Abundant storm-deposited debris (debris common everywhere)	▲ Boulders	D Sheltered bedrock headland	
	E Esker	✕ Bedrock outcrop	E Gravel beach	
	H Heavy mineral concentrations		F Sand and gravel beach	
	I Ice-cored beach		G Medium to coarse sand beach	Moderate
	M Ice-cored moraine (onshore behind beach)		H Fine sand beach	
	W Washover deposits and fans		I Flat wave-cut platform	
	←(75m) Offset stream mouths (direction and			

Note: No landward sequence is implied by the position of data in bands 1-4. All data pertain to the active beach and back-beach environment.

by
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1982

