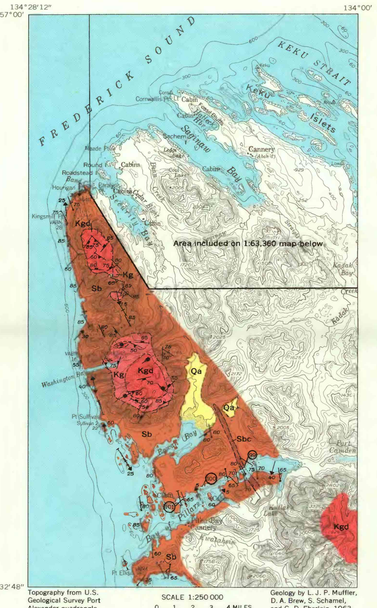
USGS Locality Number	Field Number	Map reference number
Lower Cretaceous		
M2112	63S182	1
M2114	63AMp310	2
Upper Triassic		
M1882	63S43	3
M1883	63S42	4
M1884	63S74	5
M1885	63S41	6
M1886	63S91a	7
M1887	63S92	8
M1888	63AMp145	9
M1889	63S33	10
M1890	63S32	11
M1891	63AMp147	12
M1892	63S141	13
M1893	63S131	14
M1894	63S172	15
M1895	63S171	16
M1896	63S163	17
M1897	63S152	18
M1898	63S161	19
M1899	63AMp176	20
M1900	63S202a	21
M1901	63S202b	22
M1902	63AMp190	23
M1903	63S242	24
M1904	63S251	25
M1906	63S281	26
M1910	63S401	27
M1911	63S411	28
M1912	63AMp259	29
M1913	63AMp286	30
M1917	63AMp224	31
M1918	63AMp237	32
M1919	63AMp244	33
M1920	63AMp203	34
M1921	63AMp179	35
M1922	63AMp162	36
M1923	63AMp178	37
M1924	63AMp456	38
M1927	63S33	39
M1928	63S31	40
M1930	63AMp116	41
M1931	63S142	42
M1932	63AMp136	43
M1933	63S113	44
M1934	63S80	45
M1935	63AMp207	46
M1936	63S143	47
M1937	63AMp293	48
M2113	63AMp308	49
M2125	63AMp602	50
M2126	63S462	51
M2135	63AMp439	52
M2136	63AMp534	53
Upper Paleozoic	63AMp238	54
	63AMp239	55
	63AMp292	56
	63AMp296	57
	63AMp302	58
	63AMp321	59
	63AMp325	60
	63AMp326	61
	63AMp329a	62
	63AMp329b	63
	63AMp338	64
	63AMp342	65
	63AMp343	66
	63AMp348	67
	63AMp354	68
	63AMp383	69
	63AMp384	70
	63AMp386	71

USGS Locality Number	Field Number	Map reference number
Upper Paleozoic	63AMp387	72
	63AMp388	73
	63AMp389	74
	63AMp391a	75
	63AMp391b	76
	63AMp410	77
	63AMp448a	78
	63AMp448b	79
	63AMp449	80
	63AMp476	81
	63AMp483	82
	63AMp533a	83
	63AMp533b	84
	63AMp590	85
	63AMp607	86
	63AMp622	87
	63AMp634	88
	63S254	89
Devonian		
	63AMp226	90
	63AMp414	91
	63AMp586	92
Upper Silurian		
	63AMp365	93
	63AMp435	94
	63AMp428	95
	63AMp430	96
D202 SD	63AMp591	97
	63AMp592	98
D203 SD	63AMp594	99
D204 SD	63AMp597	100
D205 SD	63AMp598	101

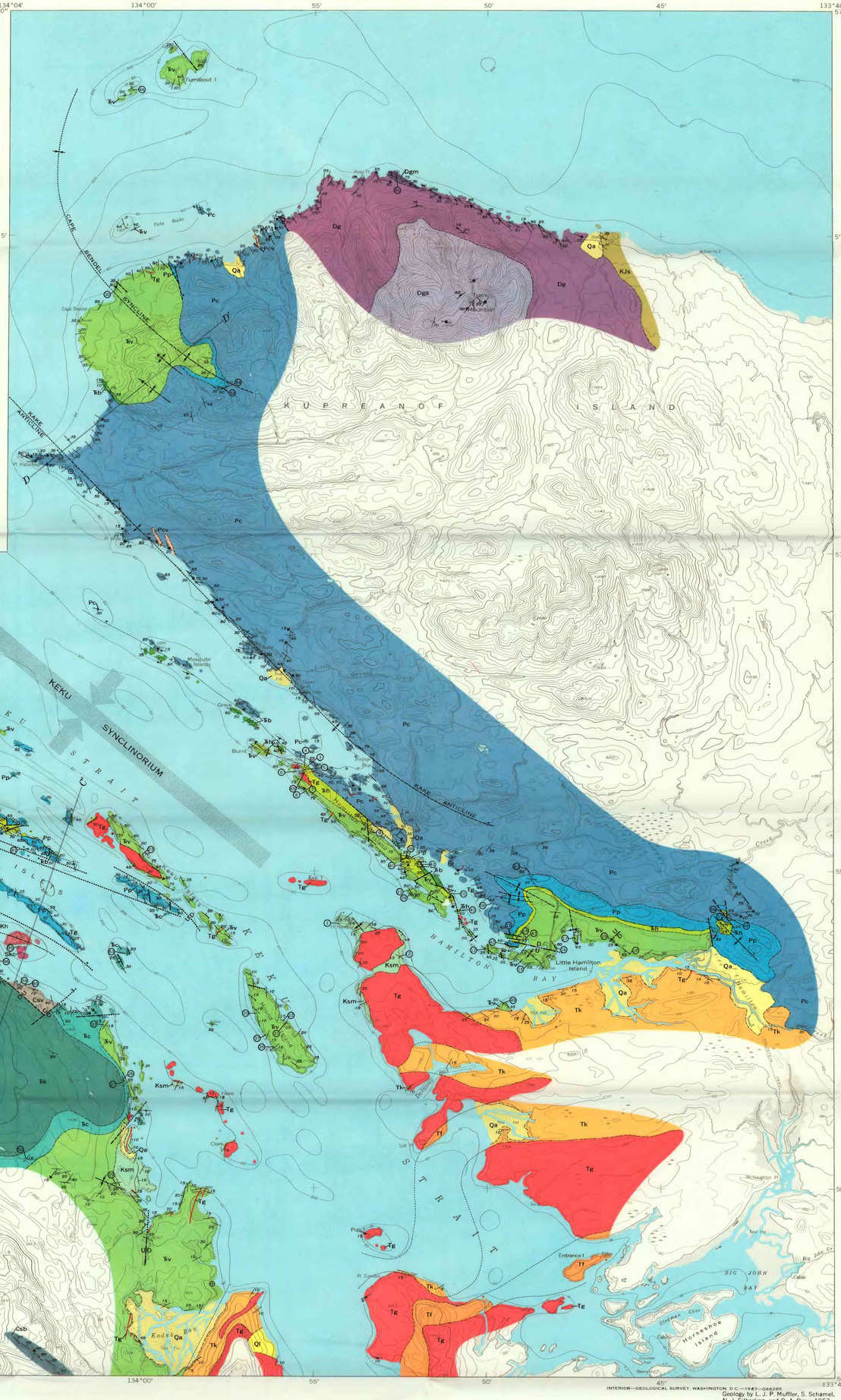


Topography from U.S. Geological Survey Port Alexander quadrangle

SCALE 1:250 000
0 1 2 3 4 MILES
0 1 2 3 4 KILOMETERS
CONTOUR INTERVAL 200 FEET
DATUM IS MEAN SEA LEVEL

Geology by L. J. P. Muffler, D. A. Brew, S. Schamel, and G. D. Eberlein, 1963

RECONNAISSANCE GEOLOGIC MAP OF NORTHWESTERN KUIU ISLAND



Base from U.S. Geological Survey topographic quadrangles: Sitka A–1, Sumdum A–6, Port Alexander D–2, Port Alexander D–1, and Petersburg D–6

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1967—G66285

Geology by L. J. P. Muffler, S. Schamel, N. J. Silberling, and D. A. Brew, 1963

EXPLANATION

QUATERNARY

- Qi — Landslide
- Qa — Alluvium and tidal-flat mud

UNCONFORMITY

TERTIARY

- Tg, Tfg — Gabbro and microgabbro
- Tk — Kootznahoo Formation
- Tf — Altered dellenite flows

UNCONFORMITY

CRETACEOUS(?)

- Kg — Gabbro
- Kgd — Granodiorite, adamellite, and diorite

CRETACEOUS

- Kh — Hornblendite

JURASSIC CRETACEOUS

- Ksm — Lithic sandstone and mudstone
- KJs — Seymour Canal Formation

UNCONFORMITY

TRIASSIC (Upper Triassic, Hyd Group)

- Tev — Hound Island Volcanics
- Tec — Cornwallis Limestone
- Teh — Hamilton Island Limestone
- Teb — Burnt Island Conglomerate
- Tek — Keku Volcanics

UNCONFORMITY

PERMIAN

- Pp — Pybus Formation

UNCONFORMITY(?)

- Phb, Ph — Halleck Formation (Lower Permian), Phb, *basaltic volcanics*
- Pc, Pcv — Cannery Formation, Pcv, *andesitic flows*

MISSISSIPPIAN AND PENNSYLVANIAN CARBONIFEROUS

- Csl, Csc, Csb, Csv — Saginaw Bay Formation
  Csl, *silty limestone member*
  Csc, *chert and limestone member*
  Csb, *black chert member*
  Csv, *volcanic member*

MISSISSIPPIAN(?)

- Cl — Crinoidal limestone

DEVONIAN (Upper Devonian, Middle(?) Devonian)

- Dl — Limestone

UNCONFORMITY

- Dgm, Dg, Dga — Gambier Bay Formation
  Dgm, *marble*
  Dga, *amphibolite*

SILURIAN DEVONIAN

- DSv — Volcanic breccia

SILURIAN (Upper Silurian)

- Sg — Volcanic graywacke and argillite
- Sa — Red arkose
- Skc, Sk — Kuiu Limestone
  Skc, *conglomerate, thin-bedded limestone, and massive limestone*
- Sb, Sbc — Bay of Pillars Formation
  Sbc, *polymict conglomerate*

Contact
Long dashed where approximately located; short dashed where indefinite, inferred, or gradational; dotted where concealed

Fault
Long dashed where approximately located; short dashed where inferred; dotted where concealed; queried where doubtful. U, upthrown side; D, downthrown side

Anticline
Showing crestline and direction of plunge; long dashed where approximately located; short dashed where inferred; dotted where concealed; queried where doubtful

Syncline
Showing troughline and direction of plunge; long dashed where approximately located; short dashed where inferred; dotted where concealed; queried where doubtful

Overturned syncline
Showing troughline and direction of dip of limbs; long dashed where approximately located

Anticline — Syncline — Fold axes — Horizontal
Beds too tightly folded to show individual folds

Minor folds, showing plunge

Inclined — Overturned — Vertical — Horizontal

Strike and dip of beds

Inclined — Overturned — Vertical
Top of beds in direction marked by dot on crossbar

Strike and dip of beds
Top of beds known from sedimentary structures; used only in areas of complex structure

Inclined — Vertical
Strike and dip of foliation in metamorphic rocks

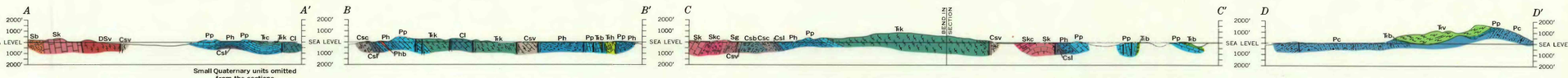
Strike and dip of foliation in intrusive rocks

Inclined — Vertical
Strike and dip of cleavage

Direction and plunge of lineation

Inclined — Vertical
Strike and dip of joints

Fossil locality



Small Quaternary units omitted from the sections

GEOLOGIC MAP OF KEKU ISLETS AND NEIGHBORING PARTS OF KUIU AND KUPREANOF ISLANDS, ALASKA

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1967

SCALE 1:63 360
1 ½ 0 1 2 3 4 5 MILES
1 .5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 100 FEET
DASHED LINES REPRESENT 50-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET—DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 12 FEET