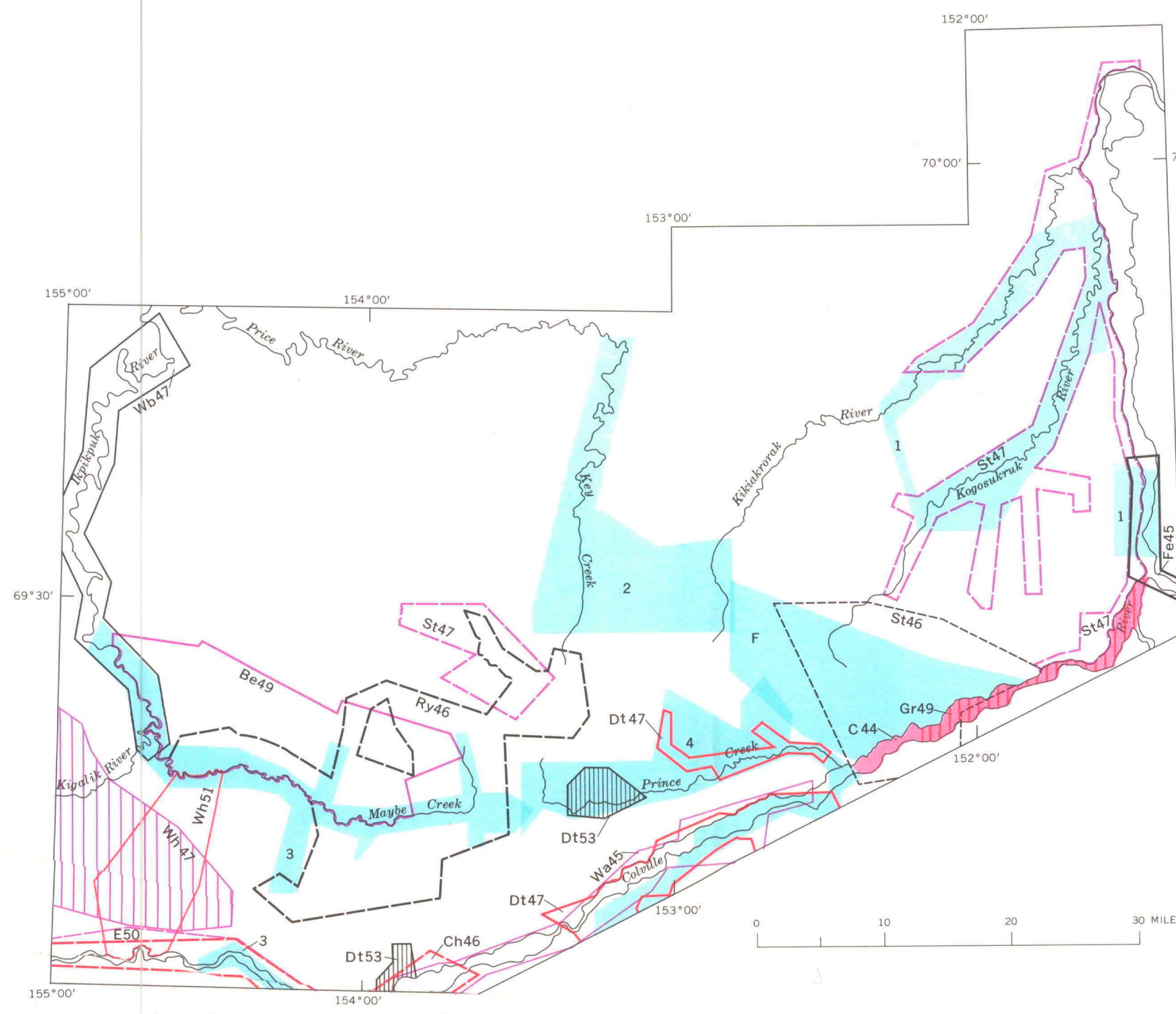


EXPLANATION

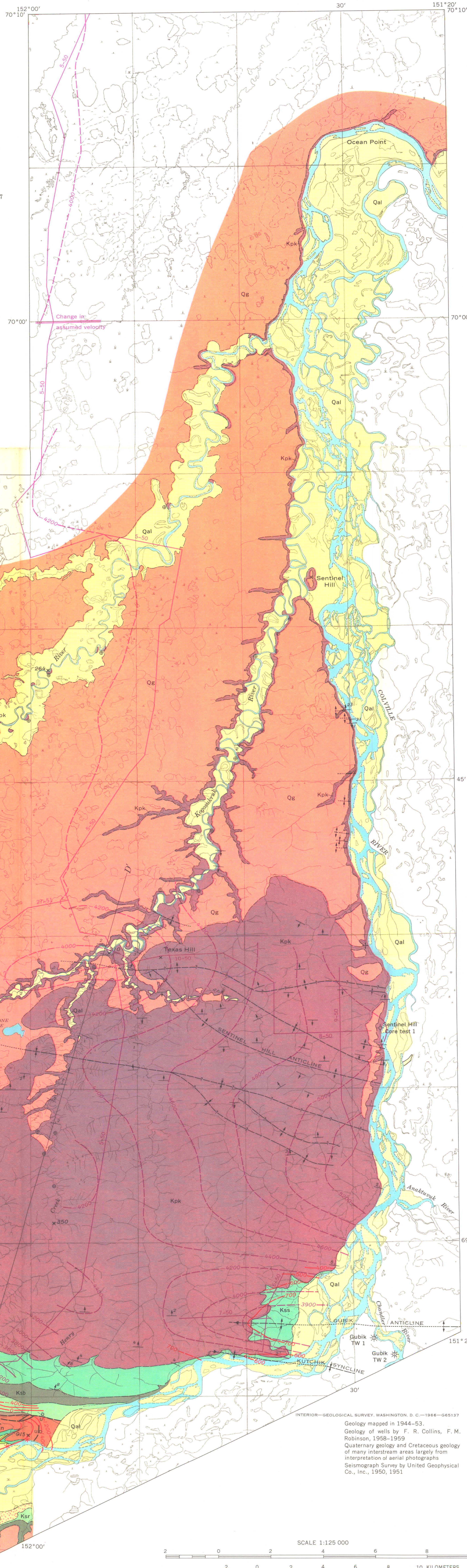
Location of areas traversed by geological field parties of the U.S. Navy and U.S. Geological Survey in the Umiat-Maybe Creek region, 1944-1953

**U.S. NAVY**  
F Pora and Woodward, 1944  
1 Rogers and McConnell, 1945  
2 Paine and Warren, 1945  
3 Phillips and Cortes, 1945  
4 Kreidler and Brown, 1945

**U.S. GEOLOGICAL SURVEY**  
C44 Coles and Gray, 1944  
W445 Warner and Kirschner, 1945  
F445 Felton, Chapman, and Bressler, 1945  
C446 Chapman and Thurell, 1946  
R446 Ray and Fisher, 1946  
S447 Stefanos, Thurell, and Zambora, 1947  
D447 Detterman, Mathewson, and Webber, 1947  
S447 Stefanos, Thurell, and Zambora, 1947  
W447 Webber and Soem, 1947  
W447 Whittington and Traver, 1947  
G449 Gray and Fisher, 1949  
B449 Brown and Kover, 1949  
E450 Elderkin, Chapman, and Reynolds, 1950  
W451 Whittington, 1951  
D153 Detterman and Bickel, 1953



INDEX MAP OF UMIAT-MAYBE CREEK REGION, SHOWING FIELD PARTY AREAS



EXPLANATION

**Qal** Alluvium  
**Qt** Low-level terrace deposits

**Qth** High-level terrace deposits  
Predominantly alluvial gravel where exposed. Upper part probably windblown silt.

**Qe** Gubik Formation  
Marine sand, yellow, fine- to medium-grained; generally with basal gravel; intertongues (?) with nonmarine sand, silt, and peat. Fossiliferous gray sand and blue clay beneath the gravel north of lat 70° N. As much as 150 feet thick. Lowest fossiliferous beds may be late Pliocene in age.

**UNCONFORMITY**

**Kpb** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kkb, Kks, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kkb** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kkb, Kks, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kkr** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kkr, Kks, Kkb, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kk** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kk, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Ksk** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Ksk, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kskm** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kskm, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kskn** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kskn, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kskp** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kskp, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kskq** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kskq, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kskr** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kskr, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kskt** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kskt, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kskv** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kskv, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kskw** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kskw, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kskx** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kskx, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Ksky** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Ksky, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kskz** Prince Creek Formation (nonmarine) and Schrader Bluff Formation (marine)  
Kskz, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**UNCONFORMITY**

**Kk** Killik Tongue of Chandler Formation (largely non-marine)  
Kk, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**Kk** Killik Tongue of Chandler Formation (largely non-marine)  
Kk, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**UNCONFORMITY**

**Ks** Seabee Formation (marine)  
Ks, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**UNCONFORMITY**

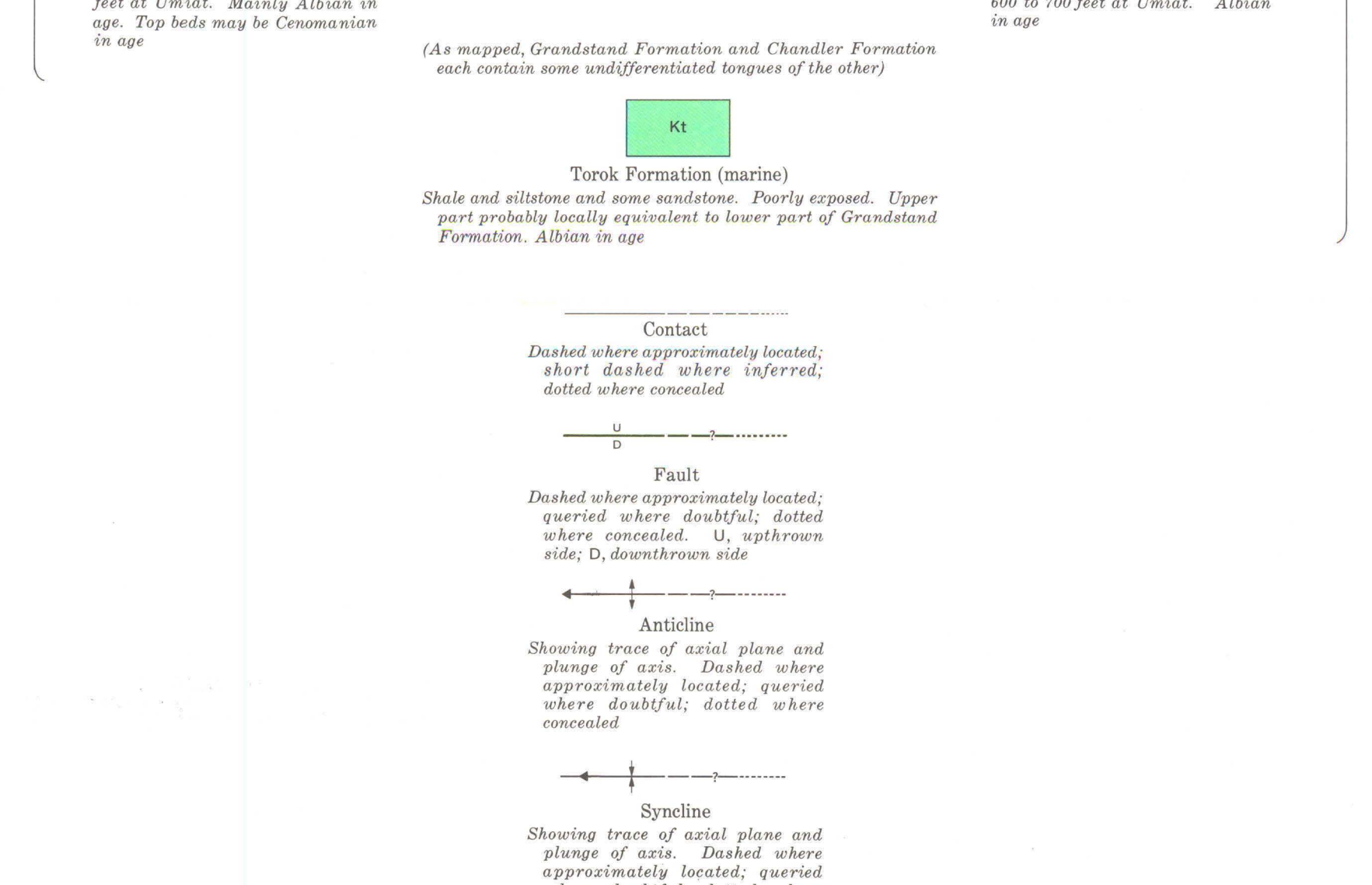
**Kn** Niniulik Formation (marine) and Niakagon Tongue of Chandler Formation (nonmarine)  
Kn, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**UNCONFORMITY**

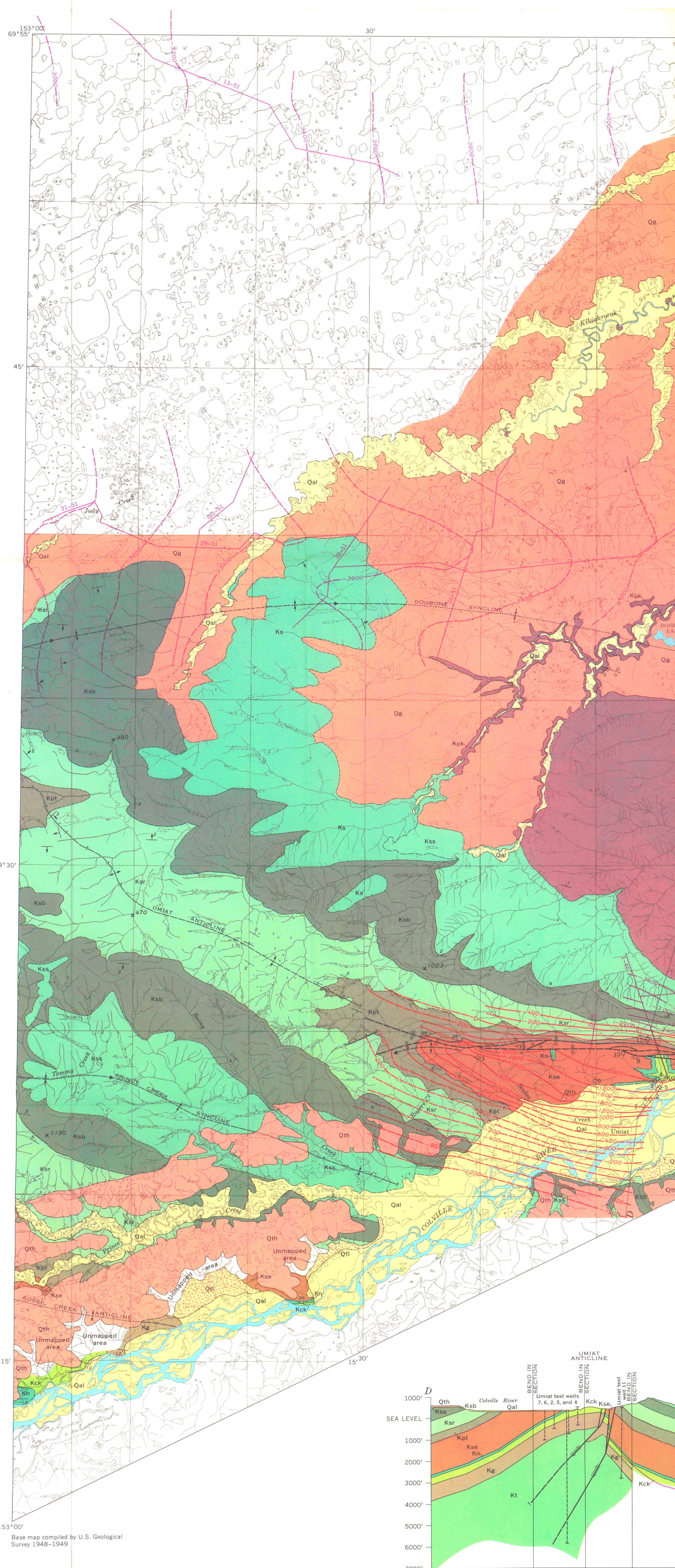
**Kg** Grandstand Formation (predominantly marine)  
Kg, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz

**UNCONFORMITY**

**Kt** Torok Formation (marine)  
Kt, Kks, Kkb, Kkr, Kk, Ksk, Kskm, Kskn, Kskp, Kskq, Kskr, Kskt, Kskv, Kskw, Kskx, Ksky, Kskz



SCALE 1:125 000  
MILES  
KILOMETERS  
1960 MAGNETIC DECLINATION AT SOUTH EDGE OF SHEET RANGES FROM 27°30' TO 28°45' EAST



GEOLOGIC MAP AND SECTIONS OF THE UMIAT-MAYBE CREEK REGION, ALASKA

PACKLER CALDERWOOD AND MANGUS  
Consulting Geologists