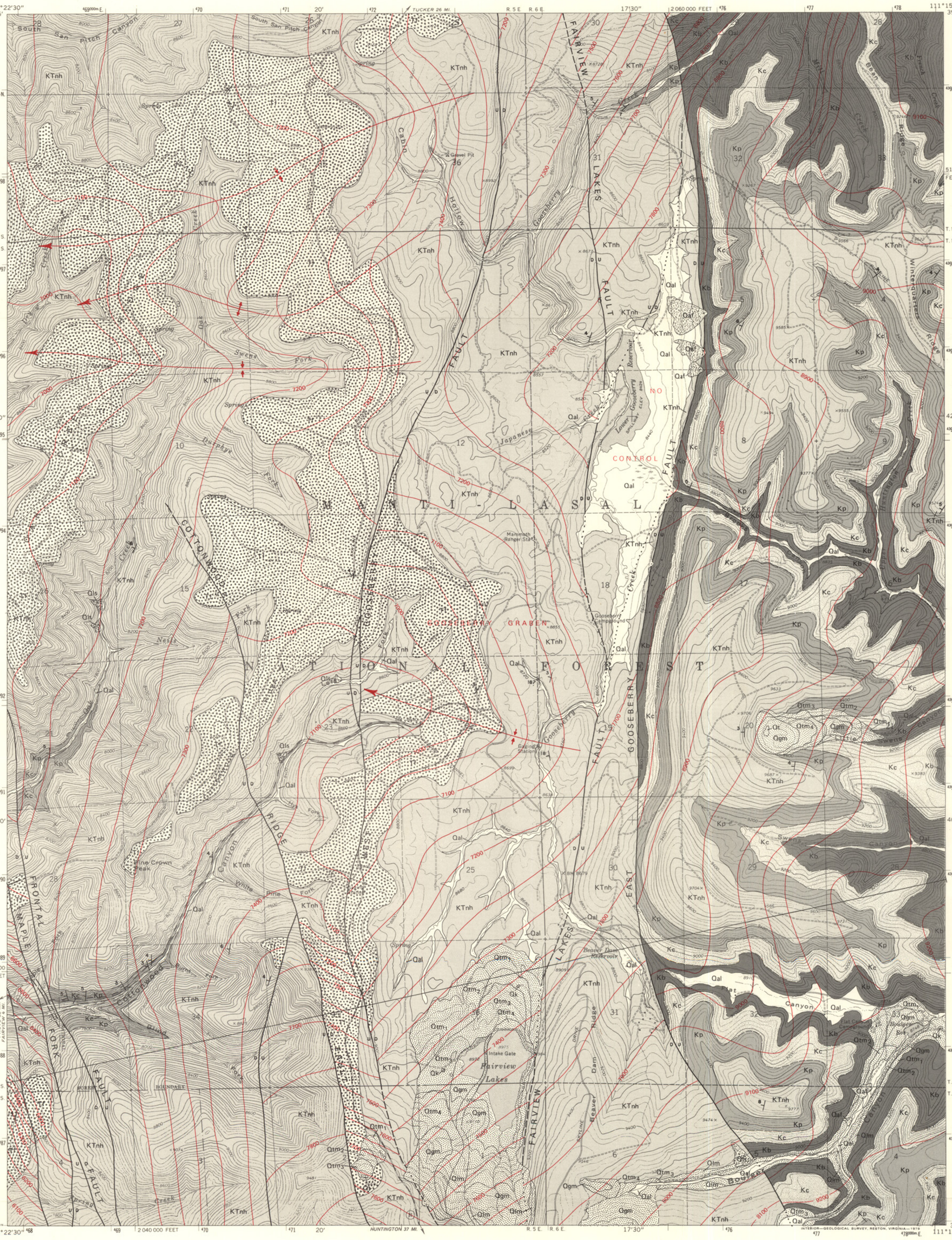
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
UTAH GEOLOGICAL AND MINERAL SURVEY



Base from U. S. Geological Survey topographic quadrangle: Fairview Lakes, Utah, 1965 PR. 1978

Archives Approval 8000220
Appropriations No. 016103

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

GN MN 0°12' 4 MILS 15° 267 MILS

UTM GRID AND 1978 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SYSTEM	SERIES	FORMATION	SYMBOL	LITHOLOGY	THICKNESS IN FEET (METERS)	DESCRIPTION
QUATERNARY		Alluvium - Till	Qal Qls Qaf Qtm Qlm Qgm Qk Qt		0-66 (0-20)	alluvium, alluvial fans, landslide debris, colluvium, ground moraine, lateral moraine, terminal moraine
					262 (80+)	limestone, light gray, mudstone, gastropods, pelecypods, oncolites
TERTIARY	Paleocene	Flagstaff Limestone	Tf			
UPPER CRETACEOUS		North Horn Formation	KTnh		1345 (410)	variegated mudstone, sandstone, limestone, thin coal beds, oncolites, pelecypods, gastropods, fish scales, turtle shell, bone fragments
		Price River Formation	Kc		272 (83)	sandstone, thick bedded, channel-filled, mudstone, few quartzite pebbles
		Castlegate Sandstone	Kp		262 (80)	massive sandstone, ledge and cliff forming, locally conglomeratic, quartzite pebbles
		Blackhawk Formation	Kb		1312 (400+)	sandstone, mudstone, shale, coal, leaf, bark, and twig impressions

QUATERNARY
- Qal — Alluvium
- Qls — Landslide Debris
- Qaf — Alluvial Fan

GLACIAL DEPOSITS
- Qtm — Terminal Moraine 1, 2, 3, and 4
- Qlm — Lateral Moraine
- Qgm — Ground Moraine
- Qk — Kettle
- Qt — Tarn

TERTIARY
- Tf — Flagstaff Limestone
- KTnh — North Horn Formation

UPPER CRETACEOUS
- Kp — Price River Formation
- Kc — Castlegate Sandstone

UNCONFORMITY
- Kb — Blackhawk Formation
- Ksp — Star Point Sandstone (see cross-section-subsurface only)
- Kms — Mancos Shale (see cross-section-subsurface only)

SYMBOLS

Contact
Dashed where approximately located; short dashed where inferred

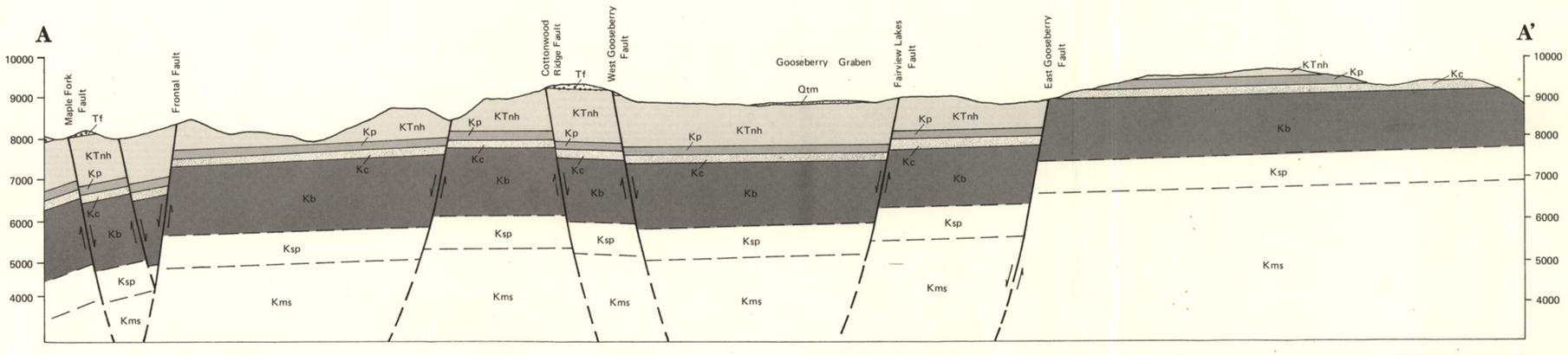
Fault
Dashed where approximately located; short dashed where inferred; dotted where concealed. U, upthrown side; D, downthrown side

Anticline
Showing trace of axial plane and plunge of axis; dashed where approximately located

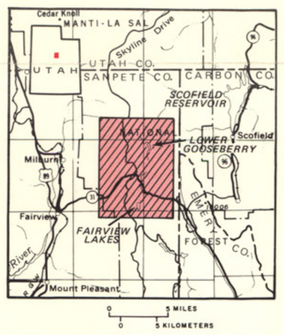
Syncline
Showing trace of axial plane and plunge of axis; dashed where approximately located

Strike and dip of beds

Structure Contours
Drawn on top of Blackhawk Formation contour interval 50 feet, dashed where approximate.



ELEVATION SCALE IN FEET



LOCATION MAP

MAP 56

GEOLOGY OF THE FAIRVIEW LAKES QUADRANGLE: SANPETE COUNTY, UTAH

By Gary G. Oberhansley

1980

Editorial Office