Bedrock geology by John C. Holladay, 1984, BYU Geol Studies v.31, modified by L.F. Hintze, 1990 on basis of limited field work and 1988 Forest Service colored aerial photos. Geology retransferred from aerial photos to 1985 topographic base by L.F. Hintze

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FOOL CREEK PEAK QUADRANGLE
UTAH
7.5 MINUTE SERIES (TOPOGRAPHIC)

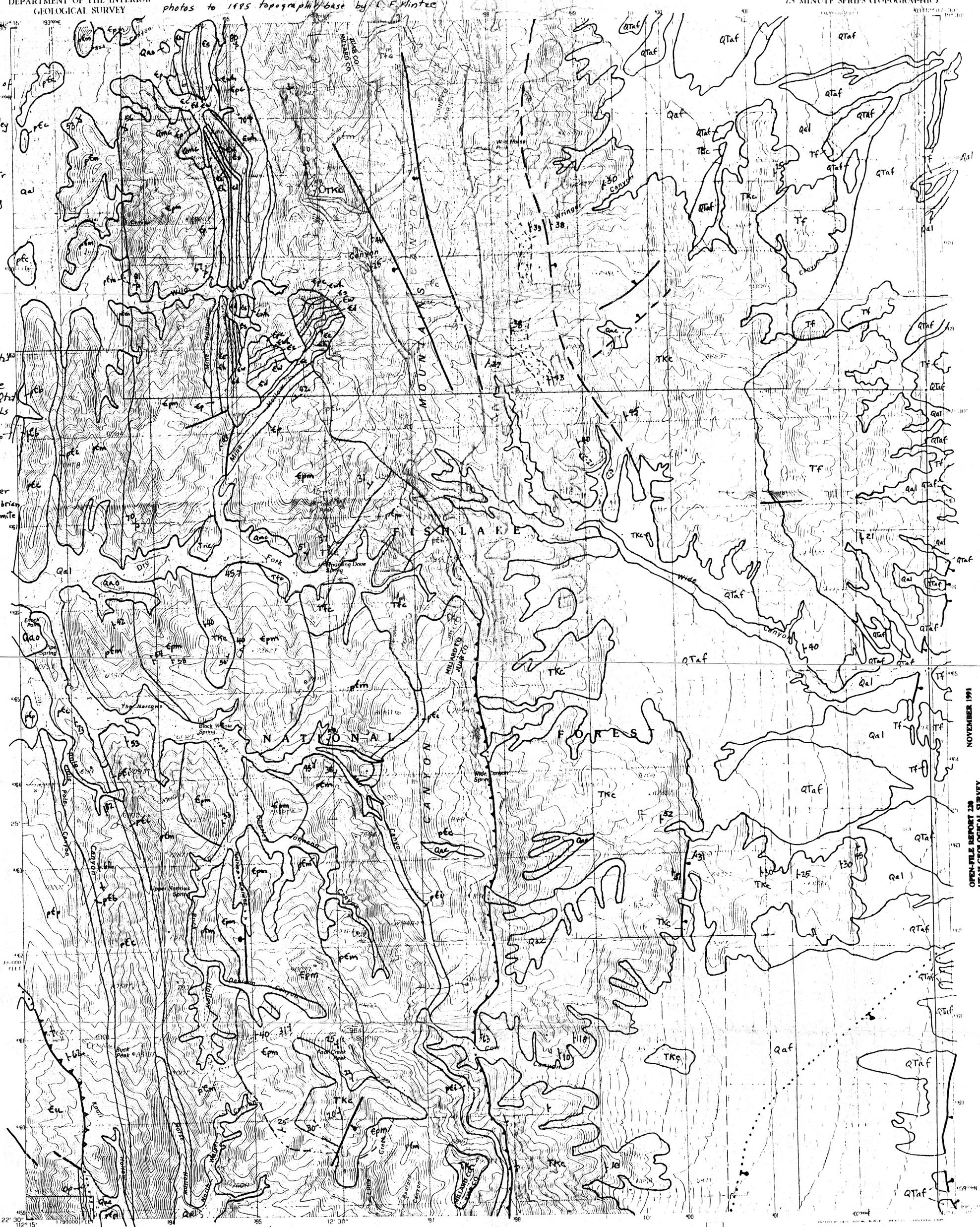
Qal alluvium
Qaf alluvial fan
Qac alluvium/colluvium
Qmc colluvium
Qao older alluvium

For Quaternary east of Canyon Range see Oviatt, 1990, UGMS open-file Scipio Valley

Tfc Fool Creek Cg.
Tf? Flagstaff Fm (= Tr of Holladay)
TKc Canyon Range Cg

CANYON PLATE
€pc Pierson Cove Fm
€wh Wheeler Fm
€s Swasey Ls
€w Whirlwind Fm
€d Dome Ls
€c Chisholm Fm
€h Howell Ls
€p Pioche Fm
€pm Prospect Mtn Qtzt
p€m Mutual Qtzt
p€i Inkom Shale
p€c Caddy Canyon Qtzt
p€b Blackrock Canyon Ls
p€p Pocatello Fm

PAVANT PLATE
Op Pogonip Ls
€u Undivided Upper & Middle Cambrian limestone & dolomite



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY . . . . . USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1979
FIELD CHECKED . . . . . 1981 MAP EDITED 1985
PROJECTION . . . . . LAMBERT CONFORMAL CONIC
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR . . . . . ZONE 12
10,000-FOOT STATE GRID TICKS . . . . . UTAH, CENTRAL ZONE
UTM GRID DECLINATION . . . . . 0°45' WEST
1985 MAGNETIC NORTH DECLINATION . . . . . 14°30' EAST
VERTICAL DATUM . . . . . NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM . . . . . 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (8 meters north and 66 meters east)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map
All marginal data and lettering generated and positioned by automated type placement procedures
Where omitted, land lines have not been established

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check. 2

SCALE 1:24 000
CONTOUR INTERVAL 40 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION
1 Fountain Fan
2 Champion Peak
3 Sage Valley
4 Oak City North
5 Joseph
6 Oak City South
7 Williams Peak
8 Sugar North

ADJOINING 7.5' QUADRANGLE SCALE

ROAD LEGEND
Improved Road . . . . . .
Unimproved Road . . . . . .
Trail . . . . . .
Interstate Route U.S. Route State Route

L F Hintze 5 Nov 1990

FOOL CREEK PEAK, UTAH
PROVISIONAL EDITION 1985

OPEN-FILE REPORT 220
UTAH GEOLOGICAL SURVEY
a division of
UTAH DEPARTMENT OF NATURAL RESOURCES

NOVEMBER 1991

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INTERIM GEOLOGIC MAP OF THE FOOL CREEK PEAK QUADRANGLE, JUAB AND MILLARD COUNTIES, UTAH

by Lehi F. Hintze