UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FOOL CREEK PEAK QUADRANGLE
UTAH
7.5 MINUTE SERIES (TOPOGRAPHIC)

Tim Lawton MS map unpublished 1995

A7

① letter 28 Feb 96 - says Pz as Et overlain by Ekls (no Precht)

see Lawton 97 Bilangeul Sheeter page 47 for revised mapping this area Tim Lawton + Hladek 96

64 U 9S 1997

UTAH: SEVIER DESERT TO WASATCH PLATEAU 47

Hunter 1:100,000

M6 on publish 90 map

M6 = ?

rock avalanche deposits ? Lower Pz Rocks

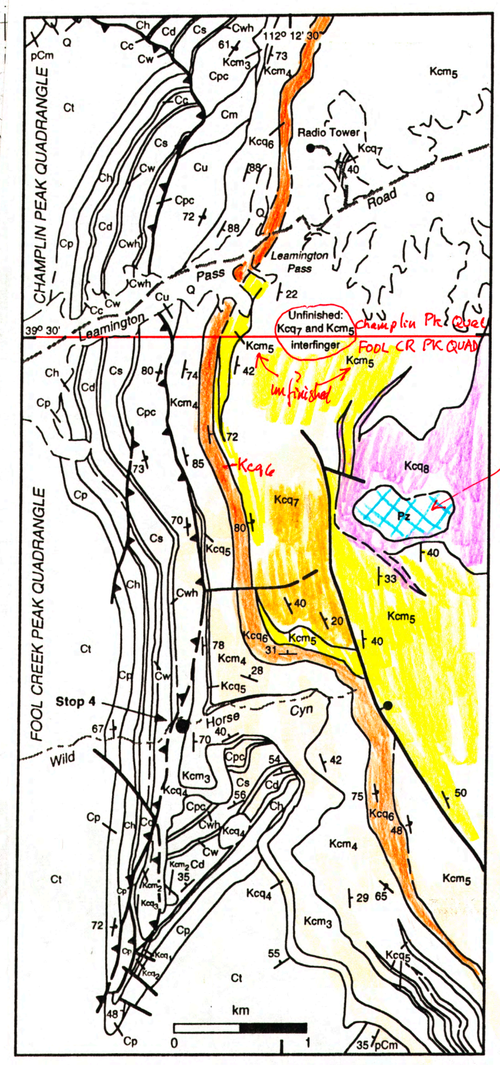


Figure 12. Geologic map of Canyon Mountains in vicinity of stop 4, Wild Horse Canyon to Pass Canyon. Explanation; pCm, Mutual Formation; Ct, Tintic Quartzite; Cp, Pioche Formation; Ch, Howell Limestone; Cc, Chisholm Formation; Cd, Dome Limestone; Cw,

FOR COLOR
See reduced color version accompanied 1st draft manuscript

Canyon Range Group (Kc)

Hanging wall assemblage

Late Cretaceous	M_6	Red conglomerate and sandstone
	Q_7	Quartzite-boulder cgl with Paleozoic slide blocks (Pz)
	M_5	Mixed-clast cgl and laterally extensive lenses of quartz-rich pebbly ss
	Q_6	Quartzite boulder and cobble cgl
	M_4	Mixed-clast cgl
	Q_5	Qtzite-boulder cgl with growth strata
	M_3	Pebble and cobble cgl with Turonian(?) fan-delta deposits
	Q_4	Quartzite-boulder cgl to red ss with quartzite cobbles

Footwall assemblage

?	M_2	Mixed-clast cobble and boulder cgl
Early Cretaceous	M_1	Mixed-clast pebble to boulder cgl
	Q_3	Quartzite-cobble and boulder cgl
	C_2	Dolomite-pebble and boulder cgl
	Q_2	Quartzite-cobble and boulder cgl
	C_1	Carbonate-clast cgl with slide block of Paleozoic (Ordovician?) limestone (Pz)
	Q_1	Quartzite-boulder valley-fill cgl

Angular unconformity

M6 TKn
M5
M4
M3
Q4
M2
M1
Q3
C2
Q2
C1
Q1
Kc u
Kc l

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

ADJOINING 7.5' QUADRANGLE NAMES
1 Lynndyl East
2 Champlin Peak
3 Sage Valley
4 Oak City North
5 Mills
6 Oak City South
7 Williams Peak
8 Scipio North

1996 BA Seeley MS.

unpub MS Lawton 1995

A7