

SEDIMENTARY ROCKS		EXPLANATION	
Qal	Alluvium	Jw	Winsor formation
Qsw	Surface wash Gravel derived from flanglomerate deposits on the North Hills	Jcu	Curtis formation
Qf	Younger flanglomerate deposits	Je	Entrada sandstone
Qt	Talus Mostly basalt	Jca	Carmel formation
Qlb	Landslide breccia	Jn	Navajo sandstone
Qp	Pediment deposits in the Shurtz Creek amphitheater	Jkc	Kayenta formation
Qs	Younger abandoned stream-channel deposits	Jns	Navajo sandstone tongue of the Navajo sandstone
Tf	Older flanglomerate deposits on the North Hills	Jml	Jm, lower member
Ts	Older abandoned stream-channel deposits Isolated boulders of Kolob latite and limestone of the Wasatch formation, indicative of older deposits, but probably reworked, shown by "x"	Tms	Moenave formation
Ks	Wahweap and Straight Cliffs sandstones	Tmd	Tms, Springdale sandstone member
Kw	Ks, top of Straight Cliffs sandstone in sec. 4 and 7, T. 38 S., R. 10 W., as mapped by Pittmore (1956) and Cashion (1961)	Tml	Tmd, Dinosaur Canyon sandstone member
Kc	Ks, Straight Cliffs coal zone. Other thin, discontinuous coal zones higher in sequence indicated by unlabelled lines	Tcu	Chinle formation, restricted
Ktc	Tropic formation	Tcs	Tcu, upper part
Ktw	Ktc, Upper Colver coal zone	Tcs	Tcs, Shinarump member
Kt		Tmu	Moenkopi formation
		Tmv	Tmu, includes upper red shale, Shinarump, and middle red shale members
		Tmv	Tmv, Virgin limestone member
		Tml	Tml, lower red shale member
		Tmt	Tmt, Timpanogas member
		Qb	Basalt
		Qa	Volcanic cinders and ash
		Twt	Welded tuff
		Tl	Kolob latite

Contact
Dashed where approximately located; dotted where concealed; queried where hypothetical

Fault, showing dip
Dashed where inferred; dotted where concealed; queried where hypothetical. U, upthrown side; D, downthrown side. Arrows show relative directions of horizontal components of motion

Anticline
Dashed where approximately located

Syncline
Dashed where approximately located

Strike and dip of beds

Approximate strike and dip of beds

Strike of vertical beds

Strike and dip of overturned beds

Dip of beds, not necessarily normal to strike

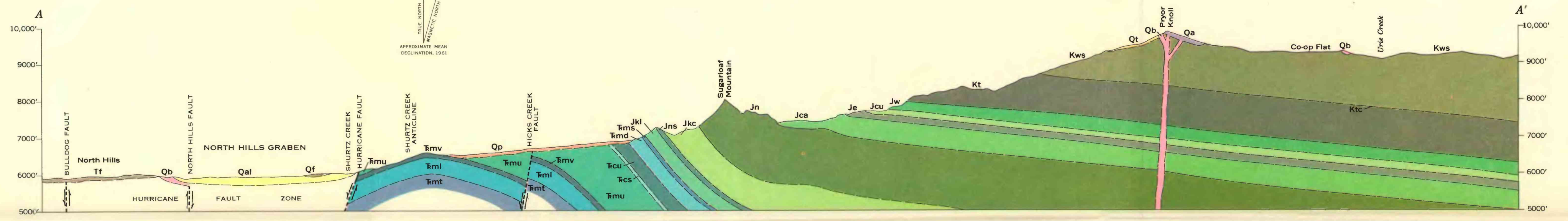
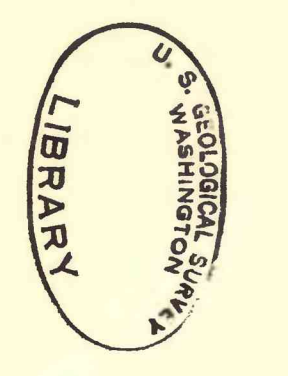
Coal mine entry and mined-out area

Coal prospect or natural exposure

Numbers refer to figures 19 and 20; plates 2 and 3; and tables 2 and 4

o 14
Exploratory well drilled for coal

1200
95
no. 389



GEOLOGIC MAP AND SECTION OF THE CEDAR MOUNTAIN QUADRANGLE, IRON COUNTY, UTAH

SCALE 1:24 000
CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

Base map by Topographic Division
U.S. Geological Survey, 1952

Geology mapped in 1952-55