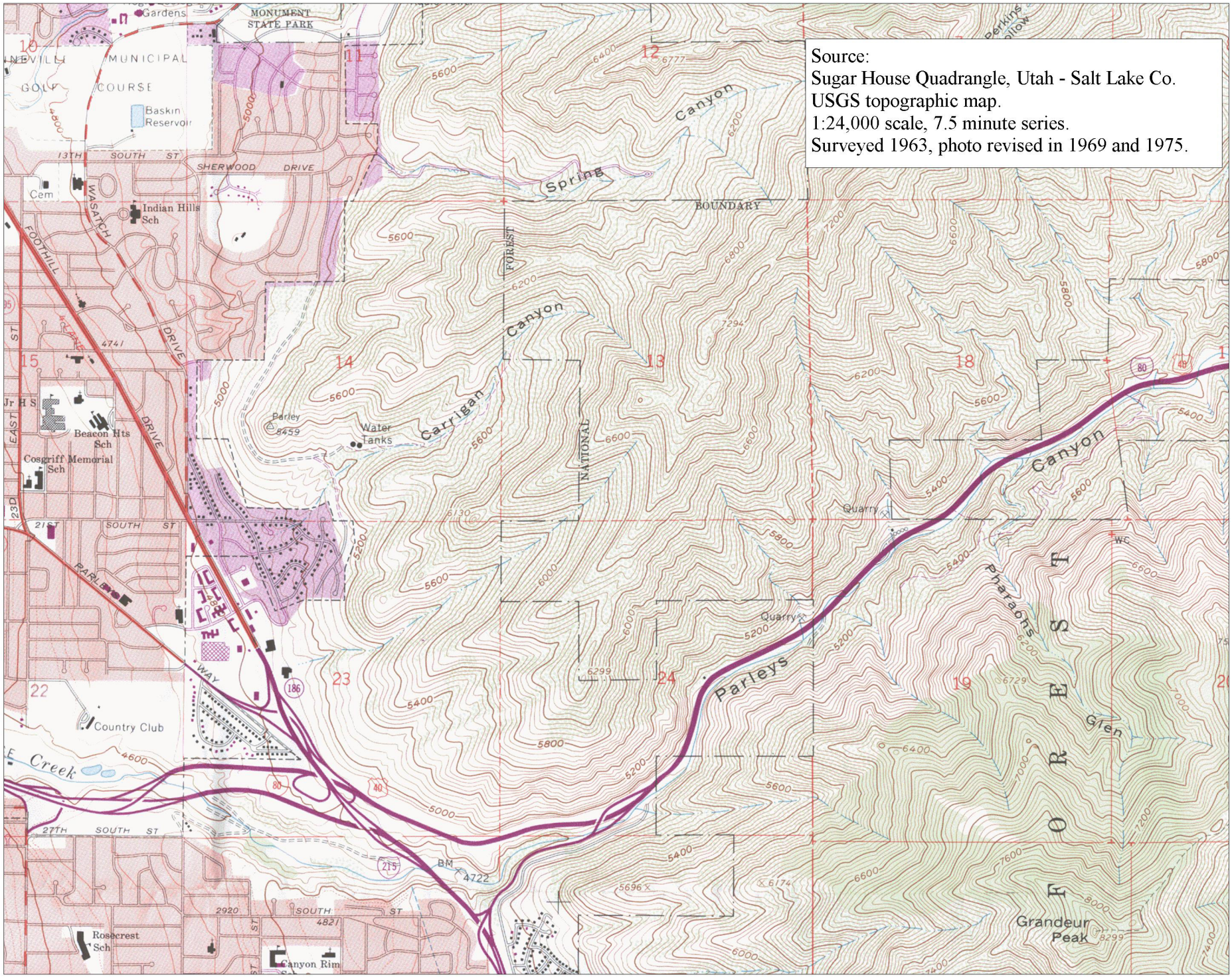
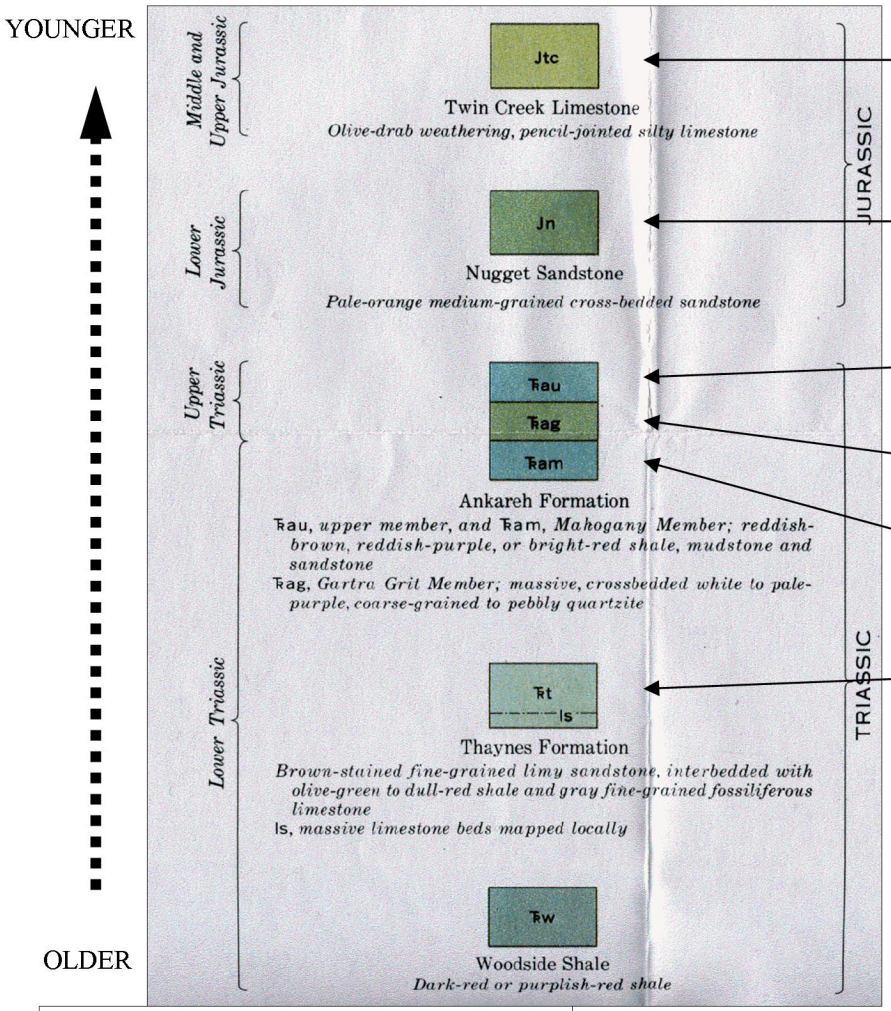

Source:
Sugar House Quadrangle, Utah - Salt Lake Co.
USGS topographic map.
1:24,000 scale, 7.5 minute series.
Surveyed 1963, photo revised in 1969 and 1975.
MONUMENT STATE PARK
Gardens
MUNICIPAL
COURSE
Baskin Reservoir
13TH SOUTH ST
SHERWOOD DRIVE
Cem
Indian Hills Sch
WASATCH
FOOTHILL
DRIVE
Beacon Hts Sch
Cosgriff Memorial Sch
21ST SOUTH ST
PARLEY
WAY
Country Club
Creek
27TH SOUTH ST
2920 SOUTH ST
Rosecrest Sch
Canyon Rim
Spring
Canyon
BOUNDARY
FOREST
NATIONAL
Carrigan
Canyon
Parley
Water Tanks
Quarry
Parleys
Canyon
Pharaohs
Glen
FOREST
Grandeur Peak
BM 4722

MAP LEGENDS

Key from USGS map GQ380



Source: Max D. Crittenden, Jr. 1965. Geology of the Sugar House Quadrangle, Salt Lake County, USGS GQ Map 380, scale 1:24,000.

Key for YOUR geologic map

NOTE: these are the colors for this exercise. The colors are arbitrary. They are not the colors of the rocks and are not the standard "chapter colors." All these bedrock rock units are Chapter 5—Land and Lizards.

PURPLE

YELLOW

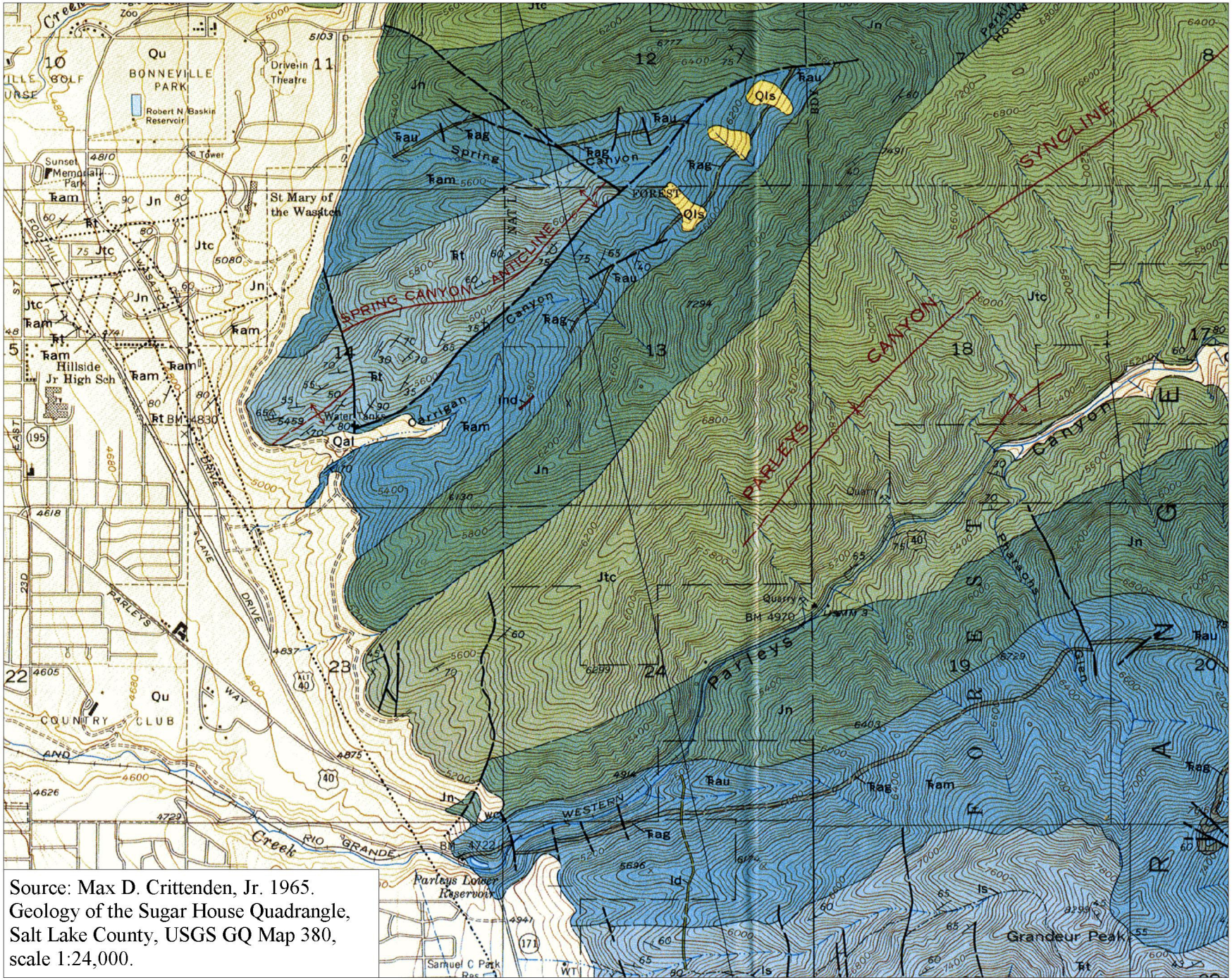
DARK GREEN

WHITE

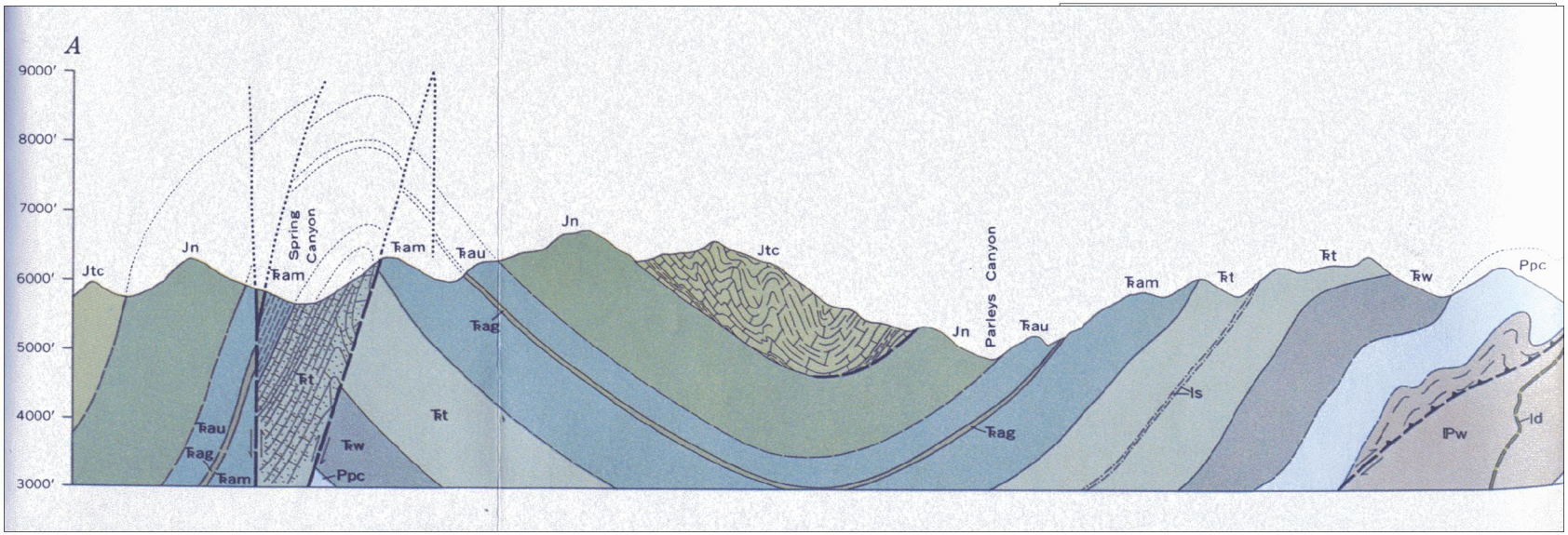
LIGHT GREEN

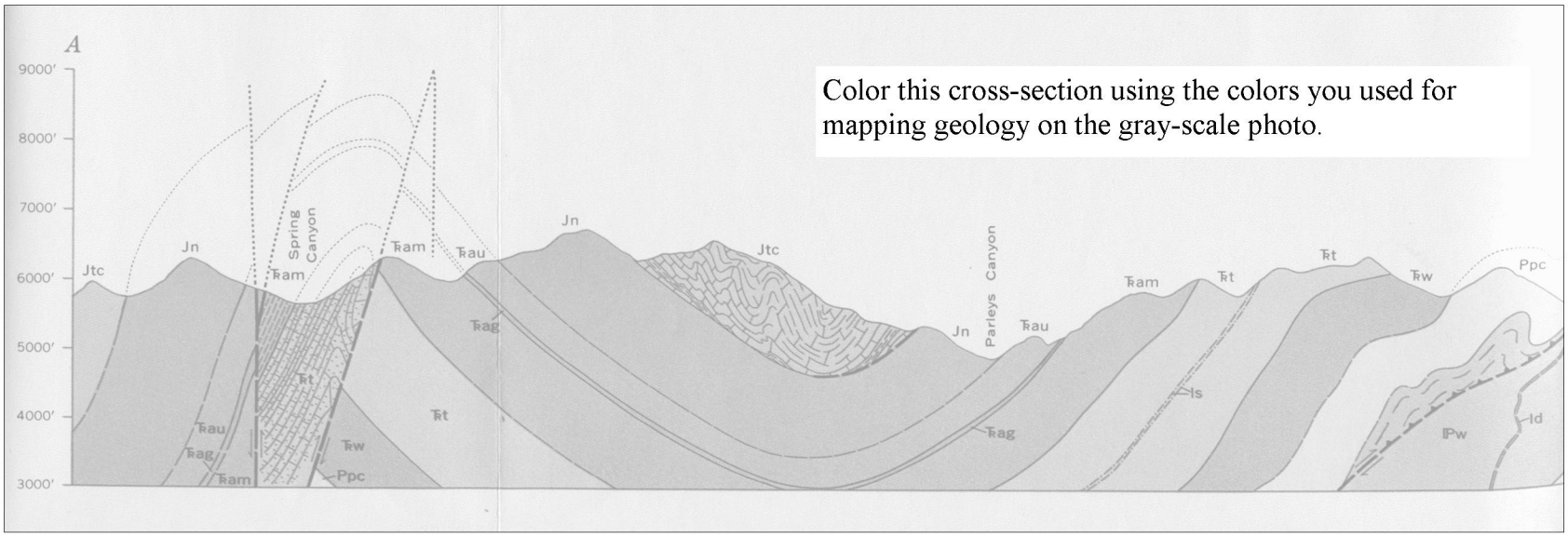
GRAY

IN THIS SPACE… write key words that describe the rock unit that you mapped. This exercise is to encourage you to OBSERVE and to ARTICULATE what you see.



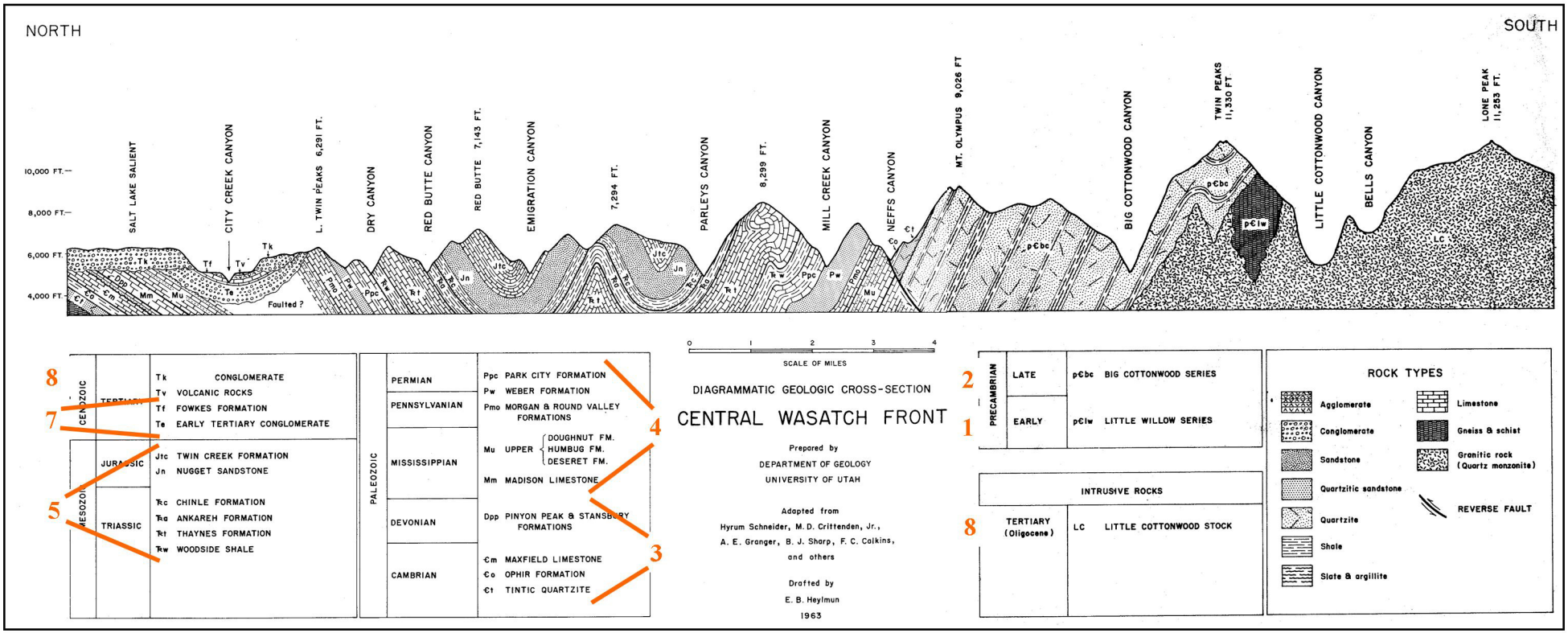
Source: Max D. Crittenden, Jr. 1965. Geology of the Sugar House Quadrangle, Salt Lake County, USGS GQ Map 380, scale 1:24,000.





Color this cross-section using the colors you used for mapping geology on the gray-scale photo.

Put a star to locate where you drew from. Write “North” at the north part of the profile (at the “A”) and “South” at the south part.



Numbers in red refer to "chapters" of Utah's geologic history.

Exercise: color the rock units according to their chapter of Utah's geologic history. Start with the oldest and move to the youngest. What is the evidence for chapter 6? and for chapter 9?

Source: adapted from a 1960s cross-section by members of the UofU geology department which, in turn, was based on USGS and others' mapping of geology of the Wasatch Front. Chapter notation of Earth Science Education is an adaptation of Hintze's phases of Utah's geologic history.

9	Yellow
8	Red
7	Orange
6	Dark green
5	Light green
4	Blue
3	Purple
2	Brown
1	Gray

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