



EXPLANATION

-  Coarse-grained sandstone and fine-grained conglomerate, in graded beds, with thin slate partings (mainly in Thunderhead sandstone)
-  Medium to coarse-grained sandstone, with thin slate partings (in Elkmont sandstone)
-  Pebbly or conglomeratic sandstone (forming thin units in lower part of Elkmont sandstone)
-  Slate and siltstone, gray to green, and thin sandstone beds (in Thunderhead sandstone, and at ends of tongues of Anakeesta formation)
-  Slate and siltstone, dark gray to black, and some sandstone of same colors (in Anakeesta formation)
- 7000 2100+
Estimated thicknesses of units, in feet. In lettered sections, thicknesses are scaled from structure sections. In numbered sections, thicknesses are calculated from field relations. Plus symbol indicates that top or base of unit is faulted off, or is not reached on line of section
- Cold Spring Knob
Named geographic feature along line of section
- NoB, b, B, B
Occurrence of detrital grains of blue quartz:
NoB, absent; b, rare; B, common; B, very abundant
- Correlation lines: formation boundaries solid, others dashed

These are not measured sections. The numbered sections are based on field traverses, with thicknesses averaged from structural data over a considerable area of outcrop. Lettered sections are scaled from structure sections on plate 9, with stratigraphic notes added where available from nearby outcrops. The lettered sections, like the structure sections, are parallel and a mile apart; the numbered sections are irregularly placed

STRATIGRAPHIC SECTIONS OF GREAT SMOKY GROUP IN MOUNTAIN AREA OF CENTRAL GREAT SMOKY MOUNTAINS