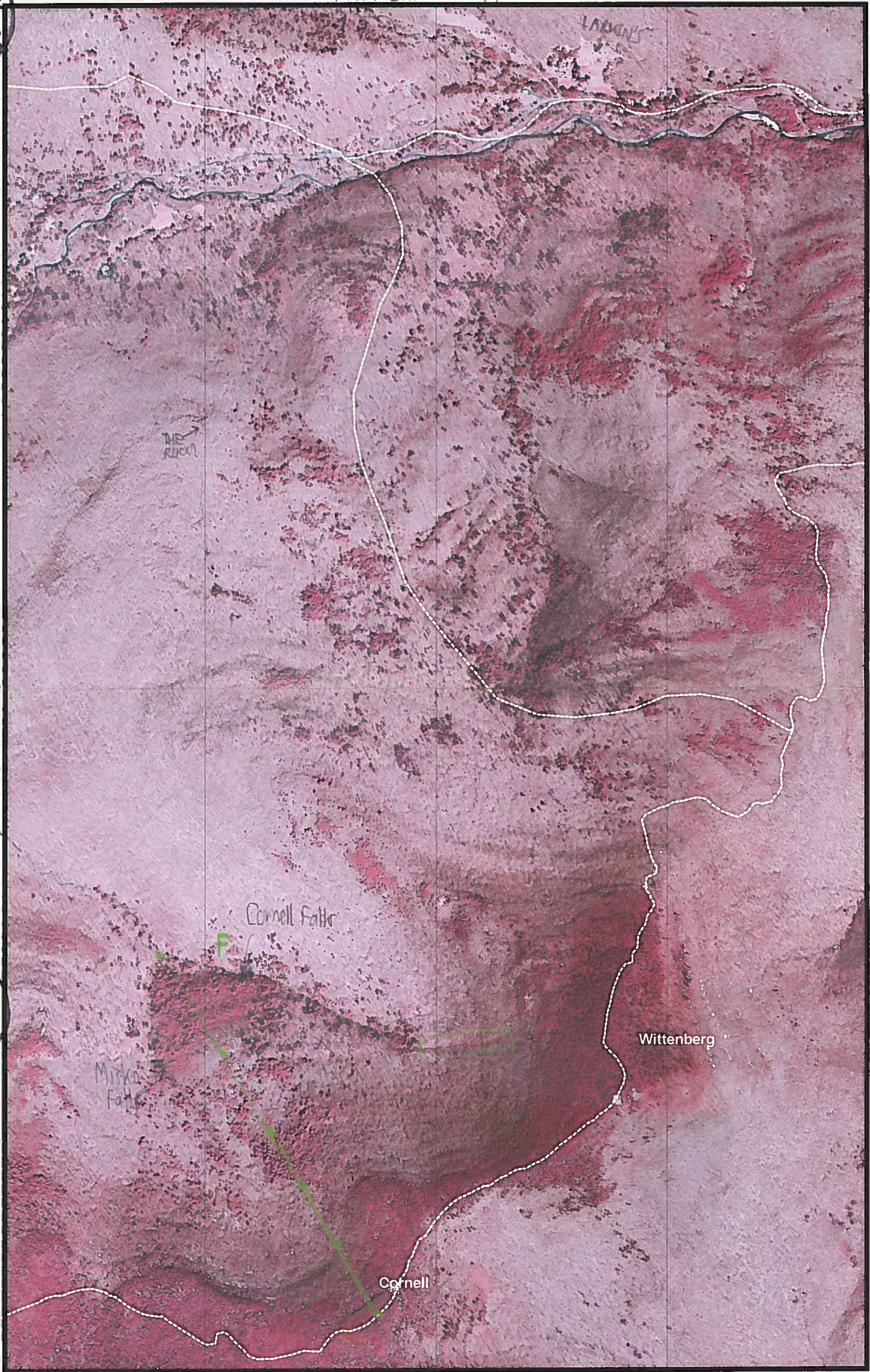


↓ Misako cabin

From Chris Olney, 11/14/05.

(18-16)
 trail
 Misako
 cabin
 Woodland Valley Cr.
 (18-16)
 A
 B
 C
 D
 G
 trail



LAWNS

THE RUCKA

Cornell Falls

F

Misako Falls

Wittenberg

Cornell

how. in col

See over for transect

↑ summit

↖ slide

| Site | Transect Point | mm on this aerial photo | fraction of way from A to E | mm on Phoenix 7.5' Quad | Proportional fraction, mm | Elevation plotted on 1943-45 |
|--|----------------|-------------------------|-----------------------------|-------------------------|--|------------------------------|
| Confluence visited on 10/29/05 with Paul Misko | A | 0 | 0.00 | 0 | 0 | 2000 ft. |
| top of lower hemlock grove | B | 34 | $\frac{34}{125} = 0.272$ | — | $59 \times 0.272 \text{ mm} = 16 \text{ mm}$ | 2500 ft. |
| bottom of upper hemlock grove | C | 62 | $\frac{62}{125} = 0.496$ | — | $59 \times 0.496 \text{ mm} = 29 \text{ mm}$ | 2750 ft. |
| top of upper hemlock grove | D | 79 | $\frac{79}{125} = 0.632$ | — | $59 \times 0.632 \text{ mm} = 37 \text{ mm}$ | 3000 ft. |
| Cornell Summit | E | 125 | $\frac{125}{125} = 1.00$ | 59 | 59 mm | 3860 ft. |
| Lower limit of spruce-fir cap | G | 100 | $\frac{100}{125} = 0.80$ | — | $59 \times 0.80 \text{ mm} = 48 \text{ mm}$ | 3400 ft. |

Scale of Chris' aerial photo is $\frac{125}{59} = 2.12$ times as large as 1943-1945 Phoenix 7.5' Quad. This is equivalent to $\frac{1}{\frac{24000}{2.12}} = \frac{1}{11320}$.

Scattered hemlock between B+C.

Bank road could have ended at B or continued to D.

Not enough hemlock indicated to warrant a bank road to F.

Spruce-fir crowns are much smaller than hemlock on aerial photo