

Proceeded down marble Ridge, crossed gulch and got on line below at which point I ran a Base of 149 chains 80 lks to the N.E. at right angles to line.

found included angle on flag on marble Ridge to be $74^{\circ} 10'$

$$\text{Nat Tan } 74^{\circ} 10' = 3.5260938$$

$$\times \text{Base } 149^{\text{chs}} 80^{\text{lks}} \quad \underline{149.80}$$

$$2820875040$$

$$317348442$$

$$141043752$$

$$\underline{35260938}$$

$$\div 80 / \underline{52.8208851240}$$

$$\underline{6 \text{ miles } 48 \text{ chs } 21 \text{ lks}}$$

$$\begin{array}{r} \text{Dist Triangulated} \quad m \quad \text{chs} \quad \text{lks} \\ 6 \quad 48 \quad 21 \end{array}$$

$$\text{Dist run} \quad \underline{336 \quad 44 \quad 02}$$

$$\text{making} \quad \underline{\underline{343 \quad 12 \quad 23 \quad 10}}$$

point of Triangulation.

At this point I again set flag for triangulation and proceeded to the foot of mountain, where I got on line and ran a Base of 52 ^{chs} 88 ^{lks} to the N.E. at right angles to line, found included angle back on flag to be $77^{\circ} 50'$

$$\text{Nat Tan } 77^{\circ} 50' = 4.6382457$$

$$\times \text{Base } 52^{\text{chs}} 88^{\text{lks}} \quad \underline{52.88}$$

$$371059656$$

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$$92764914$$

$$\underline{231912285}$$

$$\underline{\underline{245.270432616}}$$