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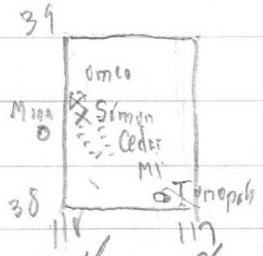
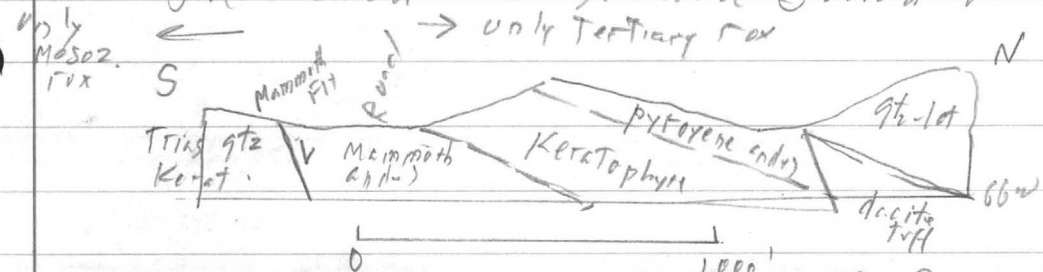
(Bell Dist)

Ore deposits of Cedar Mt; Mineral Co. Nev.
Adolph Knopf USGS Bull. 725 H, 1922
361-382



363 Ls. Ls dominant in the part of Cedar Mt. near the Simon mine. Dip W of Simon 45 W - E of mine dip E. Major fold a broad anticline Middle Trias
Trias qs - keratophyre
365 Gd post-Triassic
367 Tert. Volcanics - not younger than Middle Miocene.
In Cedar Mt between Simon & Omeo.



Sect. across Tert. Rocks at Simon

Oldest = Mammoth Andesite Phenos Sodic labradorite, Hble.
Augite - GM = glass of feldspar microlites
Single thick flow Base not seen
368 Keratophyre - 2 w. aphanitic white albite, glass
Pyroxene Andesite -
369 Dacite Tuff - Qtz lath
Esmeralda ss, sh., ls, tuffs - post mineral.
Simon Silver-lead not described
377 - Gold Veins - Only in Tert. volcs. Olympic main producer. Ore f-g white qs, much pseudomorphic after platy calcite, contains a Au-Ag alloy - invisible. Py - the only sulf.

Olympic Mine - 4 mi. N of Simon

378 Prod $700000+ - grade $16-20 in Au-Ag

389 Vein near surface, N20W, 40W. Flattens near 150 lev. Horizon that level, then bends upward until cut off by contact fault.

1-7' thick, ave. 4' qtz + sil. rhy. qtz f-g, white, sugary. Lamellar, ex cal. Mostly crushed. Av not visible

~~Ratio~~ Fineness of bullion 500 in Au.

~~3~~ Contact flt. is normal, shown by qtz drag in gouge.

~~If~~ Vein was deflected // contact between upper rhy & Trachyte

382 Mina Gold Mine Co. On edge of flat 2 mi. W of Simon Mine. Vein at contact of Mammoth andesite & the Keratophyre N35W, 15-25NE. 2-4'. $8/T Au. Gouge calcite, commonly lamellar, or f-g sugary qtz which has replaced the cal.

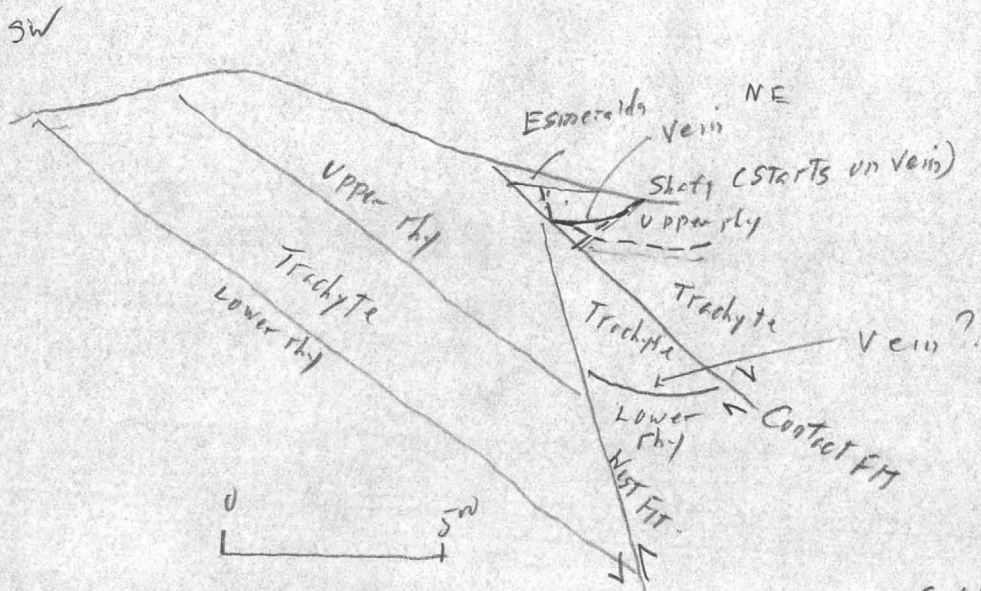


Fig. 57 Diagrammatic Sect. Thru ridge W of Olympic mine, Nev. along line of shaft