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Geology of the Climax Ore Body

Closely Spaced Fractures Make Block Caving of the Rock Possible

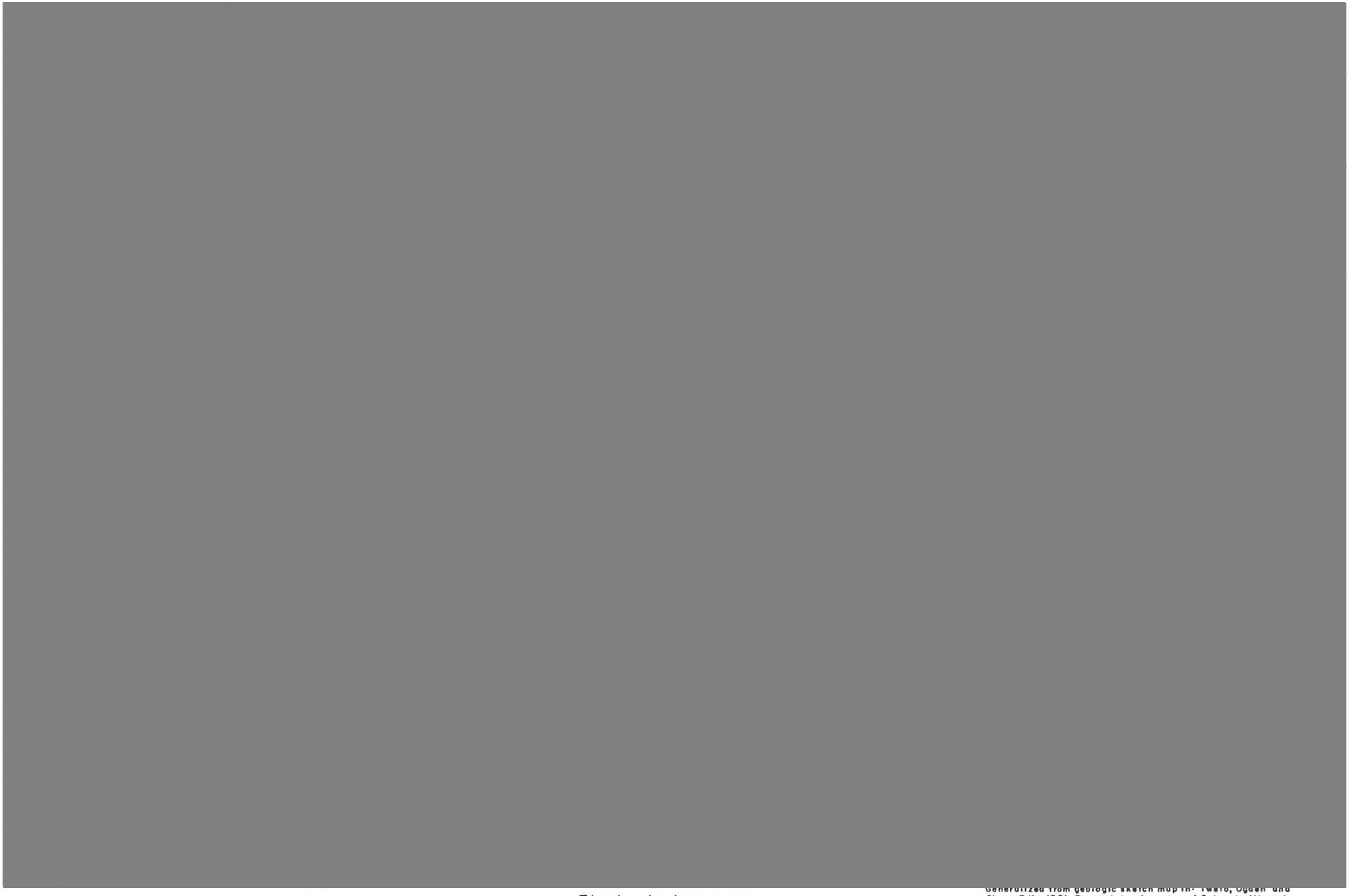

Fig 1 - Index map

Generalized from geologic sketch map in: Tweto, Ogden and Simm, P.K., 1961, Precambrian Ancestry of Colorado Mineral Belt: Geol. Soc. of America Bull., vol 74, pp. 991 - 1014.

Fig 2 – Generalized bedrock geology of the Climax area

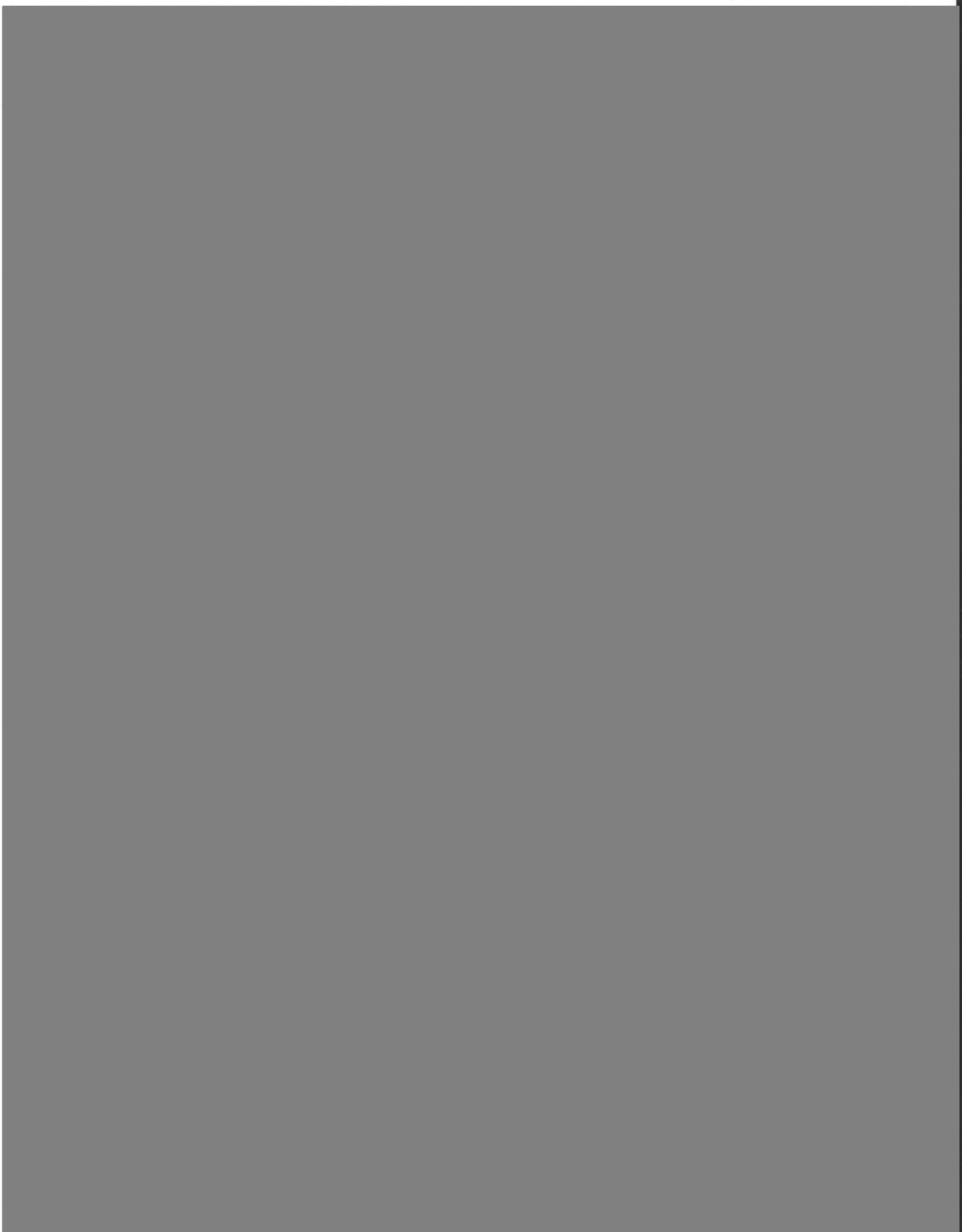

Fig 3 – Phillipson Level – generalized geology and ore zones

Fig 4-16 Section - generalized geology and ore zones

Fig 5 – Generalized geology and ore zones showing dual nature of Upper Ore Body

Fig 6 - Block diagram looking N 68° W showing an Intra-mineral Porphyry dike cutting Upper Ore Body mineralization and cut by Lower Ore Body mineralization.

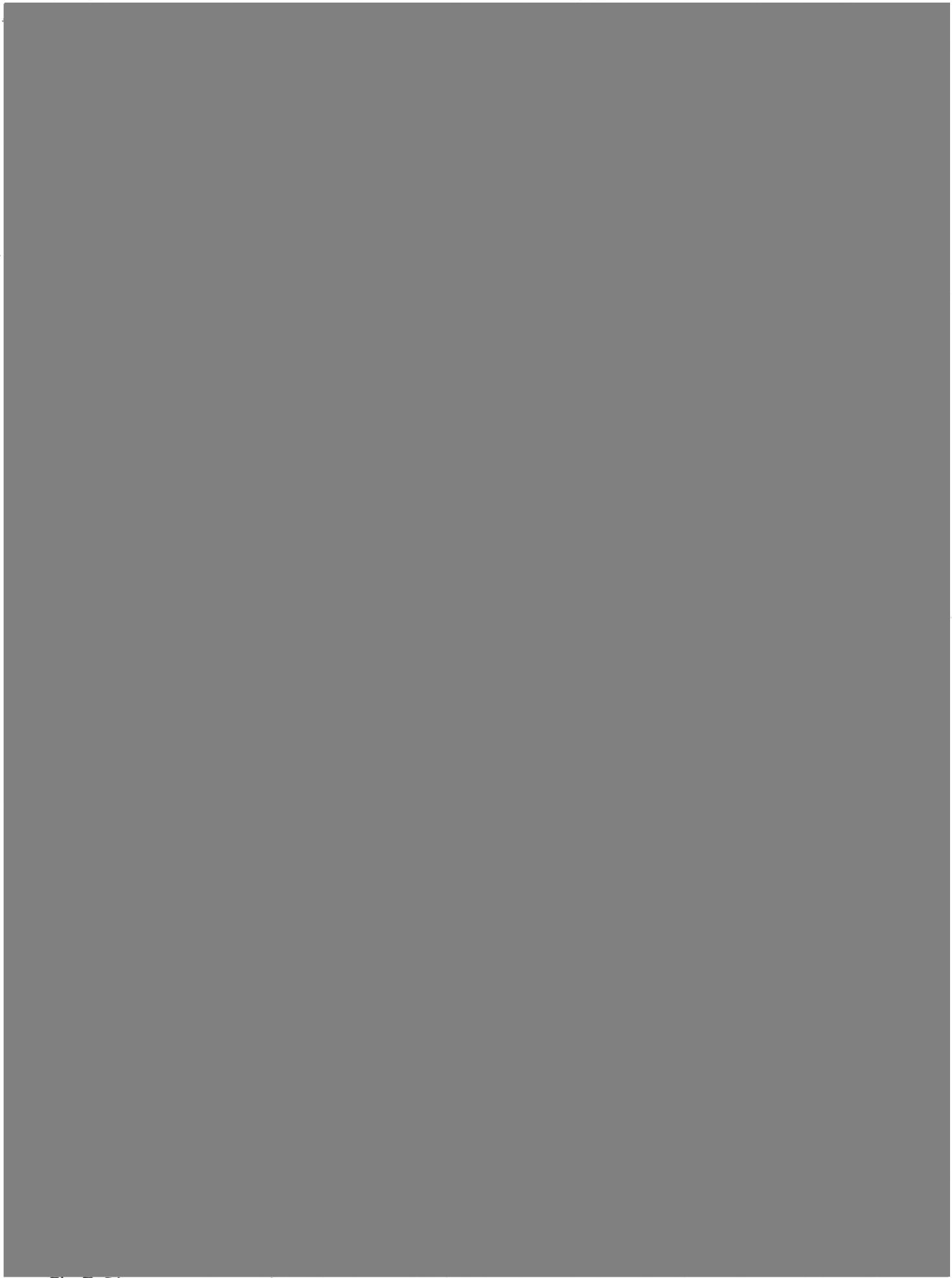

Fig 7- Diagrammatic sections showing multiple intrusion and mineralization, and progressive tilting.

Fig 8 - Generalized geologic section A-A' (see fig 2) through the Climax area