

Jan 10/86

Donce Ballenbyne reports

Study of Breon lynch Monarch mtw rocks
 shows gersdorffite + tetradymite + bismuthinite +
molybdenite + fine inbreya Au with
gersdorffite, in Qtz veins in altered sup.
 Porche claims - adjacent to Wuna claims.

Appara that Mo in Coben ch stack is
 different generation than Mo-Bi-Te-As-Au
 association in altered UM.

Gersdorffite (Ni, Fe, Co) As₃ S mainly Ni As₃ S
 H 5½ cubic brittle Matherode: Mariposa Cty.

Tetradymite Bi₂ Te₂ S Hex R. H 1½-2 streaky
 Turners irrid. 0001 of perfect
 mod-hot Qtz veins with Au
 and hematite pyrite albite

Calif: Melona + Maryon mines Carson Hill Calaveras Cty
 (Matherode - veins)

Alleghany Dist (N. Matherode) RW Witt, Kopp Calif. Geol
gersdorffite after pentlandite Jun/83 p123-127
 in mariposite-carbonate altered serpentine: reaction rims on pentlandite.

Accounts for high As (200ppm) + Sb (200ppm) in mariposite.

Gordon Mehead - 105C/5 - N of Texlin at Squanga

Lake: Au in sphal-galena - tetrahedrite
 in altered UM near lake.

(Water highway crosses at S end of lake - UM
 body immid N of Squanga Ch mouth, N of
 highway at SE end lake)

About 12 miles W of Salmon crossing