



EXPLANATION

AREA WITH MODERATE POTENTIAL FOR SULFIDE MINERALIZATION—Mainly sulfidation

AREA WITH SMALL POTENTIAL FOR SULFIDE MINERALIZATION

MINES OR PROSPECTS—Number referred to in text

CORRELATION OF MAP UNITS

Tertiary: Ta (Unconformity Plutonic rocks)

Cretaceous: Kcl, Kc, Kk, Ks, Kt, Kx, Ky, Kz

Cretaceous and (or) Jurassic: K1h, K1j, K1k, K1l, K1m, K1n, K1o, K1p, K1q, K1r, K1s, K1t, K1u, K1v, K1w, K1x, K1y, K1z

DESCRIPTION OF MAP UNITS

Ta—Tertiary plutonic rocks (granite, quartz diorite, and intrusive rocks. Some dykes are locally abundant, locally contain plant fossils)

Kcl—Cretaceous (100-120 m.y.) to mid-Tertiary granite gneiss, locally altered and iron stained

Kc—Cretaceous (100-120 m.y.) to mid-Tertiary granite gneiss, locally altered and iron stained

Kk—Cretaceous (100-120 m.y.) to mid-Tertiary granite gneiss, locally altered and iron stained

Ks—Cretaceous (100-120 m.y.) to mid-Tertiary granite gneiss, locally altered and iron stained

Kt—Cretaceous (100-120 m.y.) to mid-Tertiary granite gneiss, locally altered and iron stained

Kx—Cretaceous (100-120 m.y.) to mid-Tertiary granite gneiss, locally altered and iron stained

Ky—Cretaceous (100-120 m.y.) to mid-Tertiary granite gneiss, locally altered and iron stained

Kz—Cretaceous (100-120 m.y.) to mid-Tertiary granite gneiss, locally altered and iron stained

K1h-K1z—Cretaceous and (or) Jurassic (120-140 m.y.) to mid-Tertiary granite gneiss, locally altered and iron stained

Other units: K1a, K1b, K1c, K1d, K1e, K1f, K1g, K1i, K1j, K1k, K1l, K1m, K1n, K1o, K1p, K1q, K1r, K1s, K1t, K1u, K1v, K1w, K1x, K1y, K1z

SYMBOLS:

Diagonal lines: Dike of iron staining—formed from weathering of pyrite

Dashed line: SAMPLE LOCALITY—Geological assessment, and rock samples

Dotted line: CONTACT—Dashed where approximately located; dotted where concealed

Arrow: Fault—Dip, upthrown side; D, downthrown side

Star: PLUNGING SYNFORM

Circle: STRIKE AND DIP OF FOLIATION OR SCHISTOSITY

Triangle: TRENCH AND PLUNGE OF LIMBATION, HORSTING, OR HOOK-OR-FOLD AXIS

Star: BOUNDARY OF MOKELUMNE WILDERNESS

Star: BOUNDARY OF ROADLESS AREA

INDEX MAP SHOWING LOCATION OF THE MOKELUMNE WILDERNESS AND CONTIGUOUS ROADLESS AREAS, CENTRAL SIERRA NEVADA, CALIFORNIA

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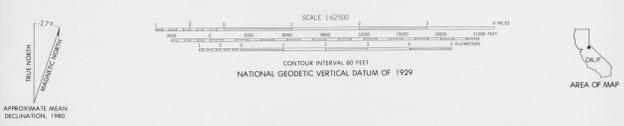
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Wilshire, H. L., 1971. Proglaciation of tertiary volcanic rocks near Ibbetts Pass, California. University of California Publications in Geological Sciences, v. 32, no. 4, p. 243-271.

Base from U.S. Geological Survey
Fallen Leaf Lake, 1955; Big Meadows,
Dardanelles Cove, Free Peak, Markleville,
Silver Lake, 1956



MINERAL RESOURCE POTENTIAL MAP OF THE MOKELUMNE WILDERNESS AND CONTIGUOUS ROADLESS AREAS, CENTRAL SIERRA NEVADA, CALIFORNIA

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1982