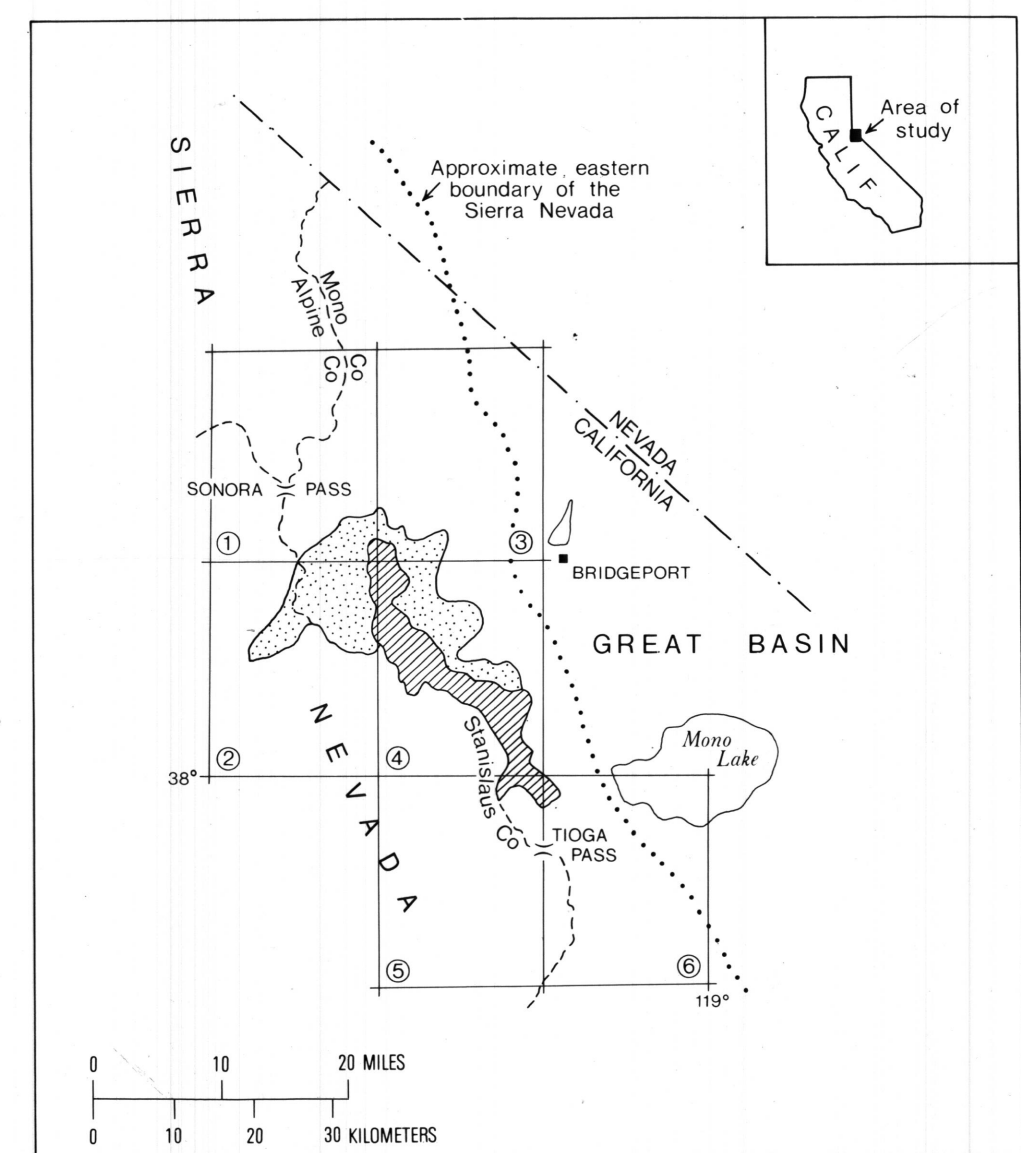
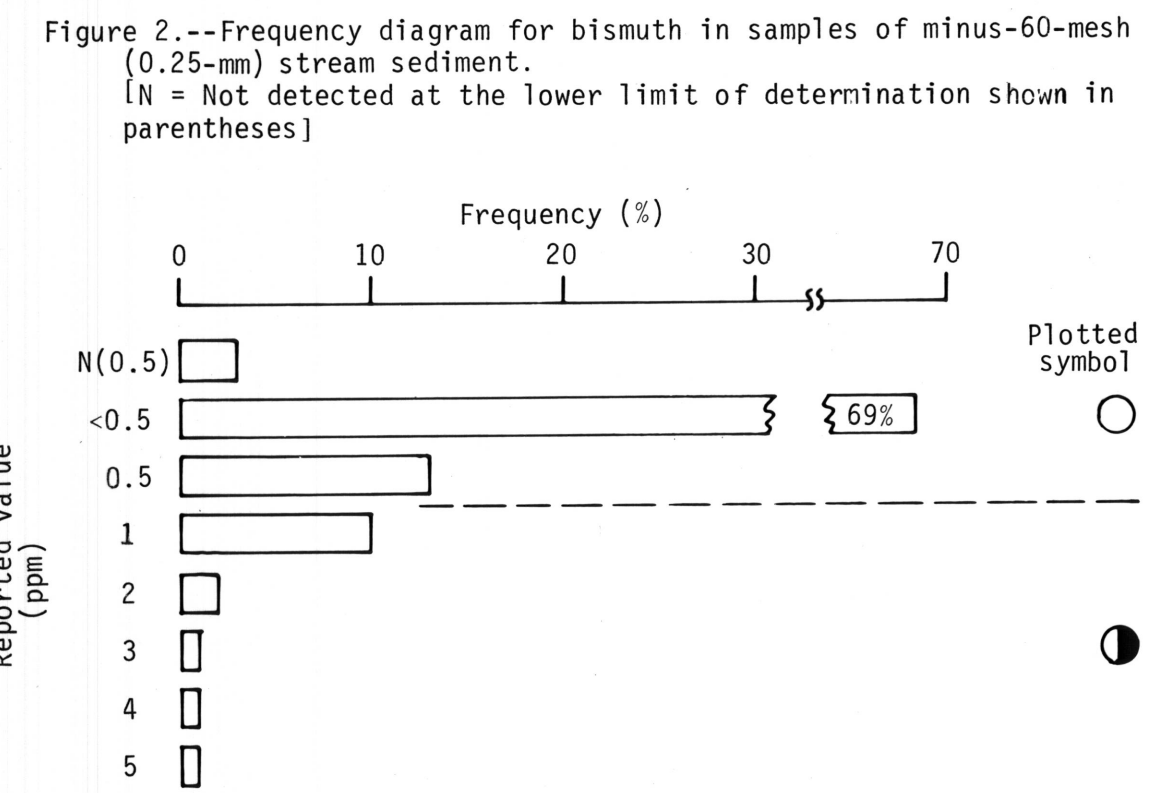
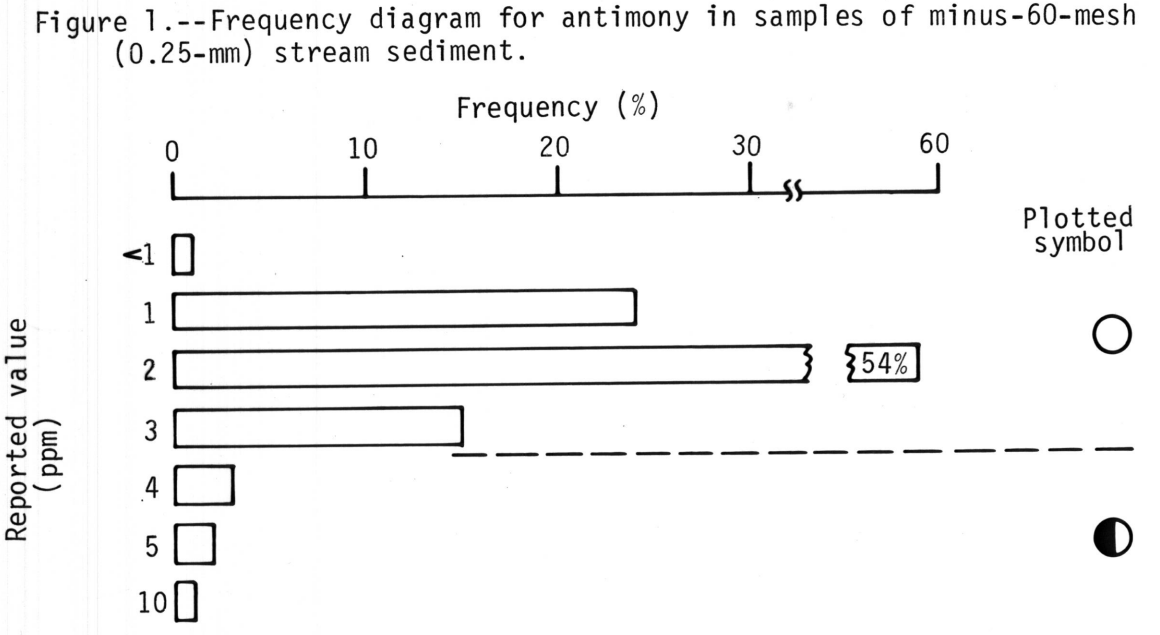
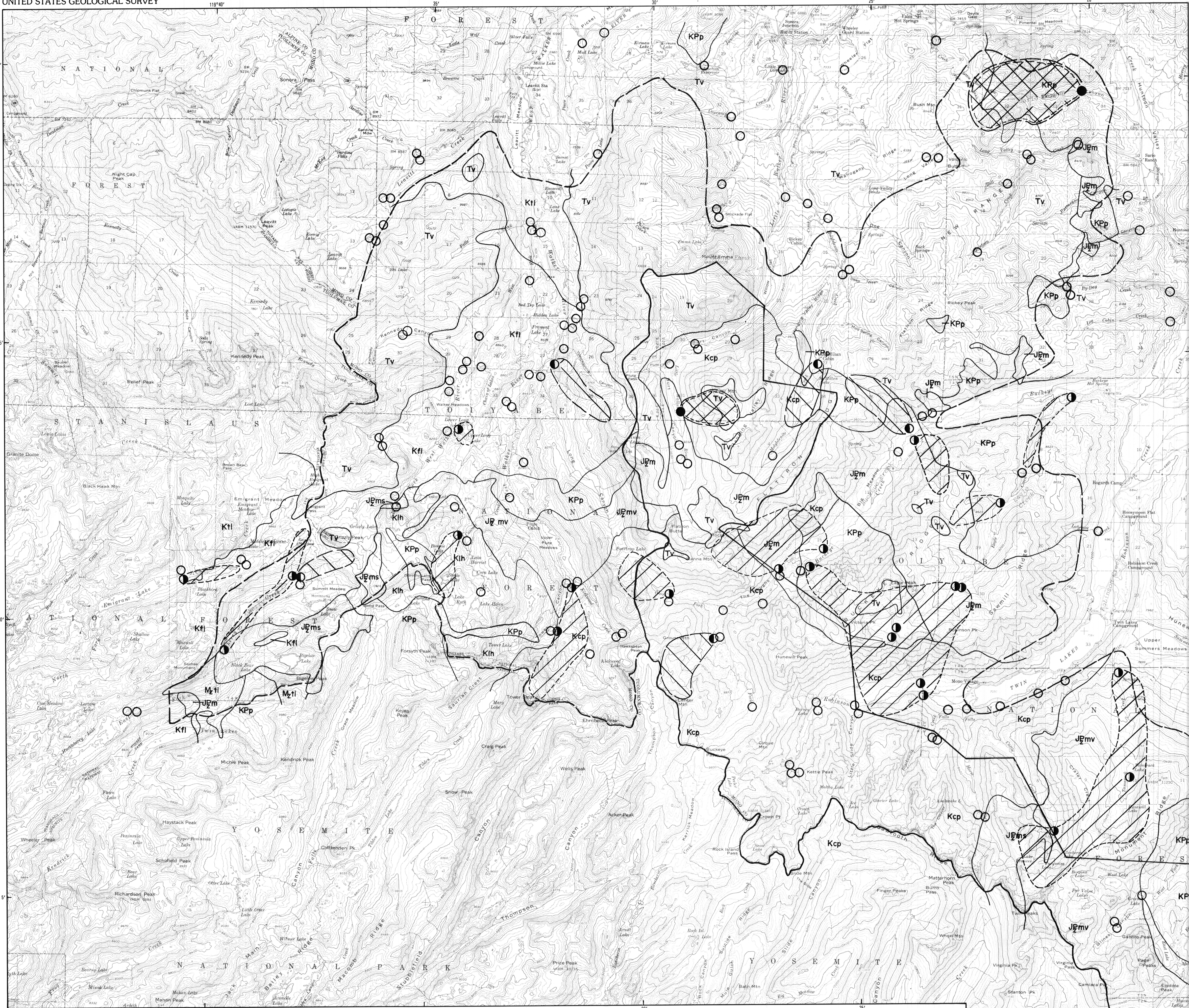
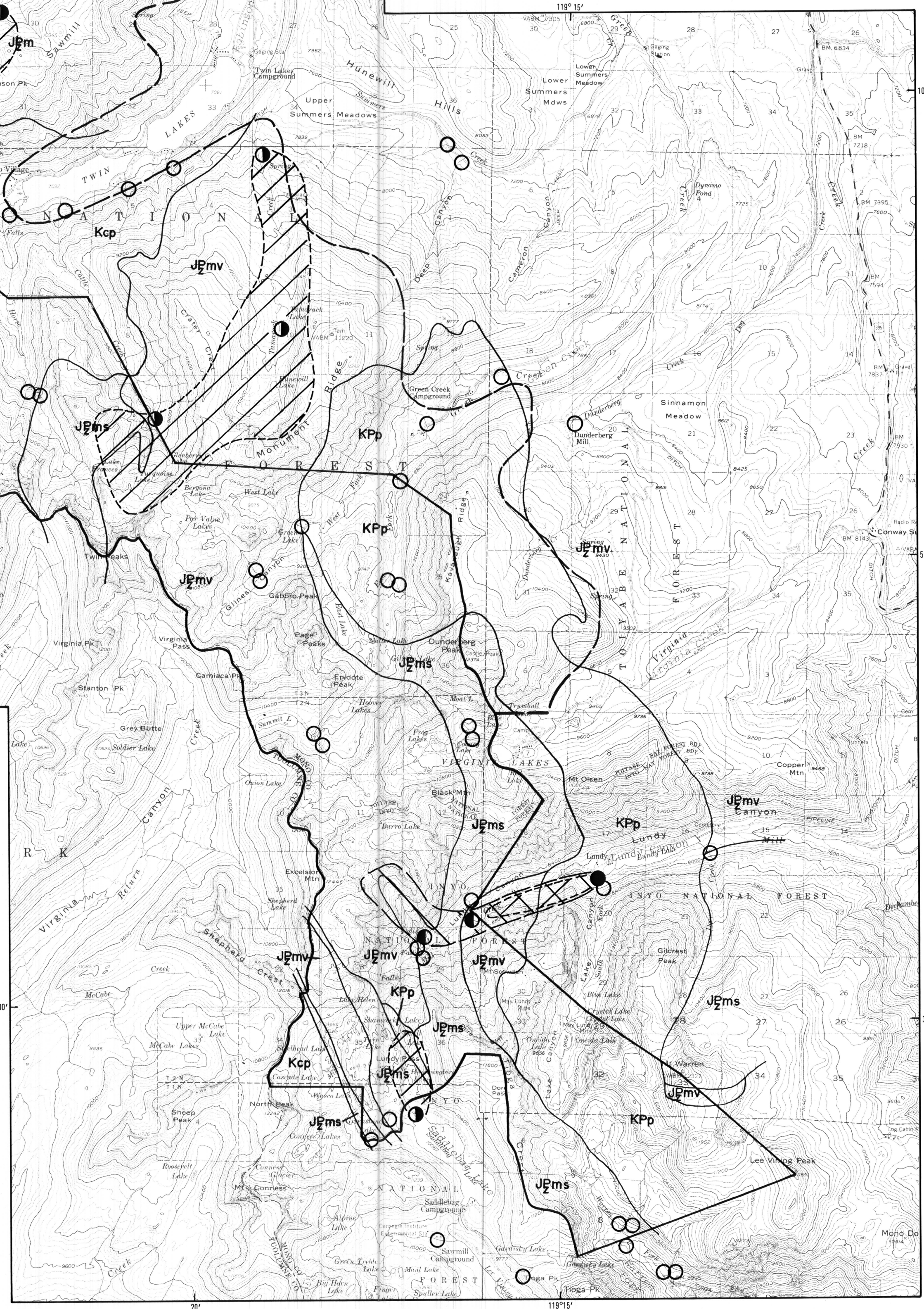
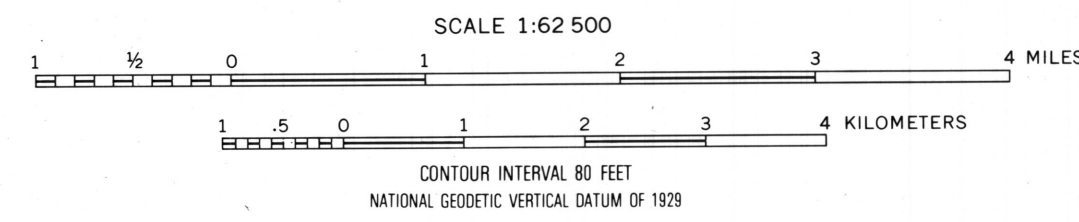




Base from U.S. Geological Survey
Mono Craters, 1953; Fales Hot Springs,
Matherhorn Peak, Sonora Pass,
Tower Peak, Tuolumne Meadows, 1956;
Bodie, 1958

LIST OF MAP UNITS		EXPLANATION	
Tv	VOLCANIC FLOWS, BRECCIAS, AND LAHARS VARYING IN COMPOSITION FROM RHYOLITE TO BASALT (Tertiary)--Includes Disaster Peak Formation of Slemmons (1966), Stanislaus Group, Relief Peak Formation of Slemmons (1966), Valley Springs Formation, and intrusive andesite	—	Approximate boundary of the Hoover Wilderness
Kcp	CATHEDRAL PEAK GRANODIORITE (Cretaceous)	---	Approximate boundary of the adjacent study area
Ktl	GRANODIORITE OF TOPAZ LAKE (Cretaceous)	---	Geologic contact
Kfl	GRANODIORITE OF FREMONT LAKE (Cretaceous)	●	Sample site, stream-sediment sample only contains anomalous antimony
Klh	GRANODIORITE OF LAKE HARRIET (Cretaceous)	●	Sample site, stream-sediment sample only contains anomalous bismuth
M2L1	GABBRO OF TWIN LAKES (Mesozoic)	●	Sample site, both elements anomalous
KPp	PLUTONIC ROCKS, UNDIVIDED, OF PREDOMINANTLY GRANITIC TO GRANODIORITIC COMPOSITION (Cretaceous to Permian?)--Includes granite of Eagle Creek, granodiorite of Buckeye Creek, granodiorite of Green Creek, granodiorite of Long Canyon, alaskite of Grace Meadow, granite of upper Twin Lakes, granodiorite of Bond Pass, granodiorite of Mono Dome, granite of Dorothy Lake, granodiorite of Log Cabin Creek, granite of Devils Gate, gabbro of Mount Warren, and quartz diorite of Odell Lake	○	Sample site, neither element anomalous
JP ₂ ms	METASEDIMENTARY ROCKS, UNDIVIDED (Jurassic to Paleozoic)--Represent roof-pendant material in the Sierra Nevada batholith	▨	Approximate limit of drainage basin(s) for stream-sediment samples containing anomalous antimony
JP ₂ mv	METAVOLCANIC AND METAPLUTONIC ROCKS, UNDIVIDED (Jurassic to Paleozoic)--Represent roof-pendant material in the Sierra Nevada batholith	▨	Approximate limit of drainage basin(s) for stream-sediment samples containing anomalous bismuth
JP ₂ m	METASEDIMENTARY, METAVOLCANIC, AND METAPLUTONIC ROCKS, UNDIVIDED (Jurassic to Paleozoic)--Represent roof-pendant material in the Sierra Nevada batholith		



Geology by W.J. Keith and
J.F. Seitz, 1978, 1979

SHEET 6.—ANOMALIES FOR ANTIMONY AND BISMUTH IN SAMPLES OF STREAM SEDIMENT GEOCHEMICAL ELEMENT MAPS OF THE HOOVER WILDERNESS AND ADJACENT STUDY AREA, MONO AND TUOLUMNE COUNTIES, CALIFORNIA

By
M. A. Chaffee, R. H. Hill, and S. J. Sutley
1983