

MAP B. DISTRIBUTION OF SITES FOR MINUS-60-MESH (0.25-MM) STREAM-SEDIMENT SAMPLES WITH HIGH SCORESUM VALUES FOR THE ELEMENT SUITE SILVER, ARSENIC, GOLD, BISMUTH, AND ANTIMONY

EXPLANATION

□ SAMPLE LOCALITY AND BOUNDARY OF ASSOCIATED DRAINAGE BASIN—Known for one or more selected elements. Locality is at center of plotted symbol. Square symbol indicates upper 25 of the area (25th percentile). Circle symbol is next 25; diamond, next 25; triangle, next 25; and plus symbol (+), remaining 25%. Squared symbols identify the most significant sample sites.

S SIGNIFICANT ANOMALOUS AREA OR SITE—Letter is keyed to list in text.

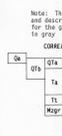


MAP C. DISTRIBUTION OF SITES FOR MINUS-60-MESH (0.25-MM) STREAM-SEDIMENT SAMPLES WITH HIGH SCORESUM VALUES FOR THE ELEMENT SUITE SILVER, ARSENIC, GOLD, BISMUTH, CADMIUM, COPPER, LEAD, ANTIMONY, AND ZINC

EXPLANATION

□ SAMPLE LOCALITY AND BOUNDARY OF ASSOCIATED DRAINAGE BASIN—Known for one or more selected elements. Locality is at center of plotted symbol. Square symbol indicates upper 25 of the area (25th percentile). Circle symbol is next 25; diamond, next 25; triangle, next 25; and plus symbol (+), remaining 25%. Squared symbols identify the most significant sample sites.

N SIGNIFICANT ANOMALOUS AREA OR SITE—Letter is keyed to list in text.



DESCRIPTION OF MAP UNITS

Qa ALLUVIAL, LAUDRINE, SOLEAM, LANGSIDE, AND GLACIAL DEPOSITS, UNDIVIDED (QUATERNARY)—As mapped locally includes uppermost tertiary gravel (Qta).

Qta ALLUVIAL TO ARGILLITE (QUATERNARY AND TERTIARY)—Sediments flow and sandstone, minor phyllite flow and shallow intrusive rocks. Ranges in age from about 5 m.y. to less than 0.1 m.y.

Ta SEDIMENTARY ROCKS (TERTIARY)—Siltstone, sandstone, shale, and conglomerate to gravel. Minor tuff and volcanic breccia. Ranges in age from about 5 m.y. to less than 0.1 m.y.

Ta ARGILLITE TO PHYLITE (TERTIARY)—Sediments flow and sandstone, minor phyllite flow and shallow intrusive rocks, siltite to mylonitic ash-flow tuff, and sedimentary rocks; some locally include some intrusive rocks. Ranges in age from about 22 m.y. to 5 m.y.

Tt TUFF (TERTIARY)—Sediments flow and sandstone, minor phyllite flow and shallow intrusive rocks, and some intrusive rocks. Ranges in age from about 22 m.y. to 5 m.y.

Me GRANITIC ROCKS (MESOZOIC)—Diorite to granodiorite. Minor chlorite, epidote, and feldspar rocks.

Me VOLCANIC AND SEDIMENTARY ROCKS, UNDIVIDED (MESOZOIC)—Andesitic to rhyolitic lava flow, breccia, tuff, volcanic sandstone, and conglomerate; shallow sandstone and conglomerate. Metamorphosed near granitic rocks.

Pa SEDIMENTARY AND METAMORPHIC ROCKS (PALEOZOIC)—Shallow-water marine chert, phyllite, shale, carbonate rocks, volcanogenic turbidite, sandstone, and conglomerate (Ordovician, Devonian, Pennsylvanian, and Permian); shallow-water siltstone, sandstone, conglomerate, and carbonate (Carboniferous, Mississippian, and Permian). As mapped includes some Precambrian rocks at one locality and andesitic breccia and lava (Permian). Metamorphosed near granitic rocks.

— GEOLOGIC CONTACT

— HIGH-ANGLE FAULT—Dotted where concealed

— THRUST OR LOW-ANGLE FAULT

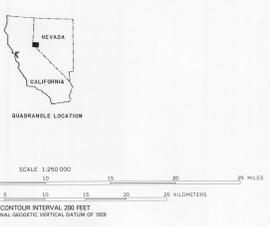


MAP D. DISTRIBUTION OF SITES FOR MINUS-60-MESH (0.25-MM) STREAM-SEDIMENT SAMPLES WITH HIGH SCORESUM VALUES FOR THE ELEMENT SUITE BISMUTH, MOLYBDENUM, AND TUNGSTEN

EXPLANATION

□ SAMPLE LOCALITY AND BOUNDARY OF ASSOCIATED DRAINAGE BASIN—Known for one or more selected elements. Locality is at center of plotted symbol. Square symbol indicates upper 25 of the area (25th percentile). Circle symbol is next 25; diamond, next 25; triangle, next 25; and plus symbol (+), remaining 25%. Squared symbols identify the most significant sample sites.

M SIGNIFICANT ANOMALOUS AREA OR SITE—Letter is keyed to list in text.



MAPS SHOWING DISTRIBUTION OF ANOMALIES BASED ON THE USE OF SCORESUM PLOTS FOR SELECTED GROUPINGS OF ELEMENTS IN SAMPLES OF MINUS-60-MESH (0.25-MM) STREAM-SEDIMENT, WALKER LAKE 1° X 2° QUADRANGLE, CALIFORNIA AND NEVADA

By
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1988