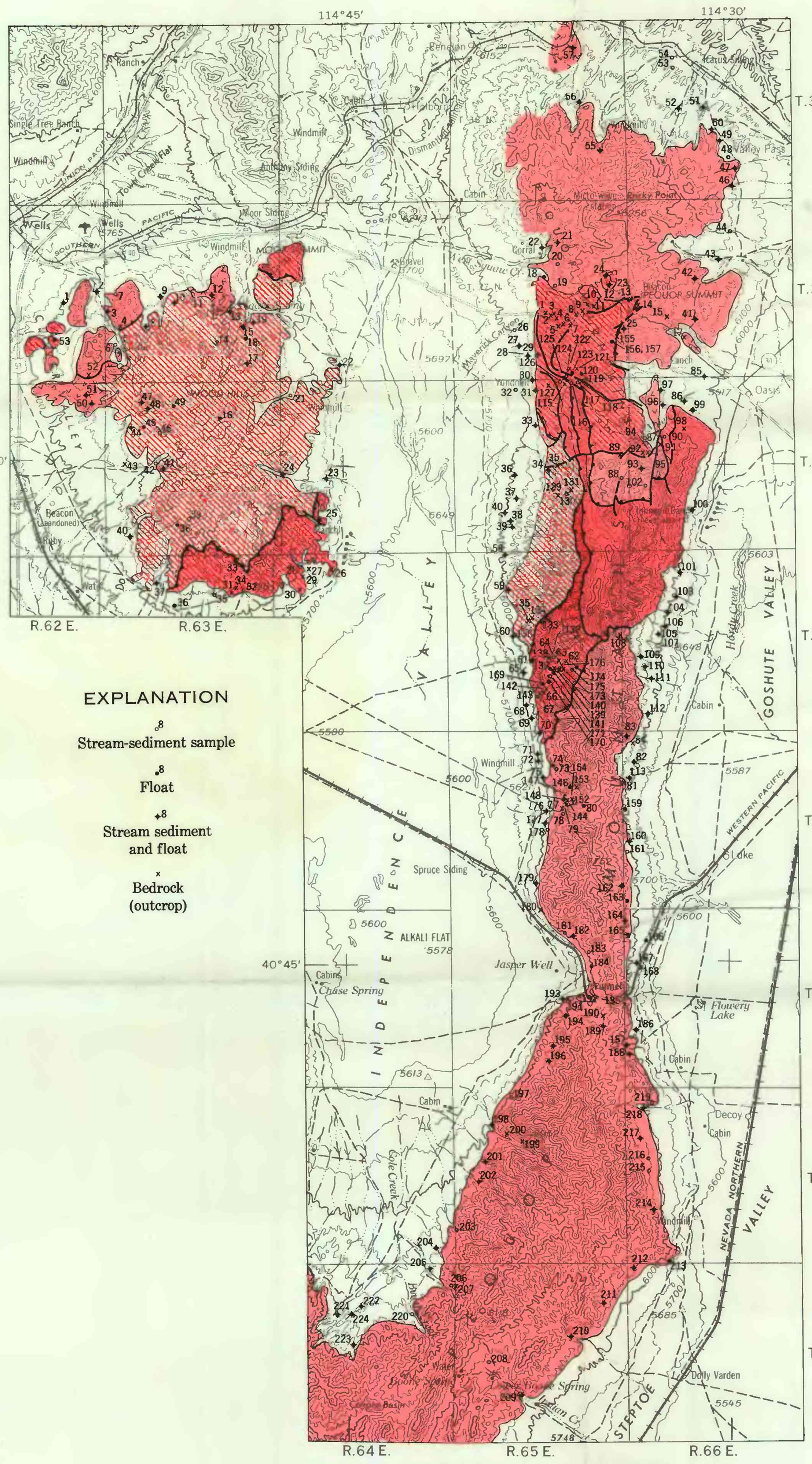
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BULLETIN 1198–E
PLATE 1



EXPLANATION

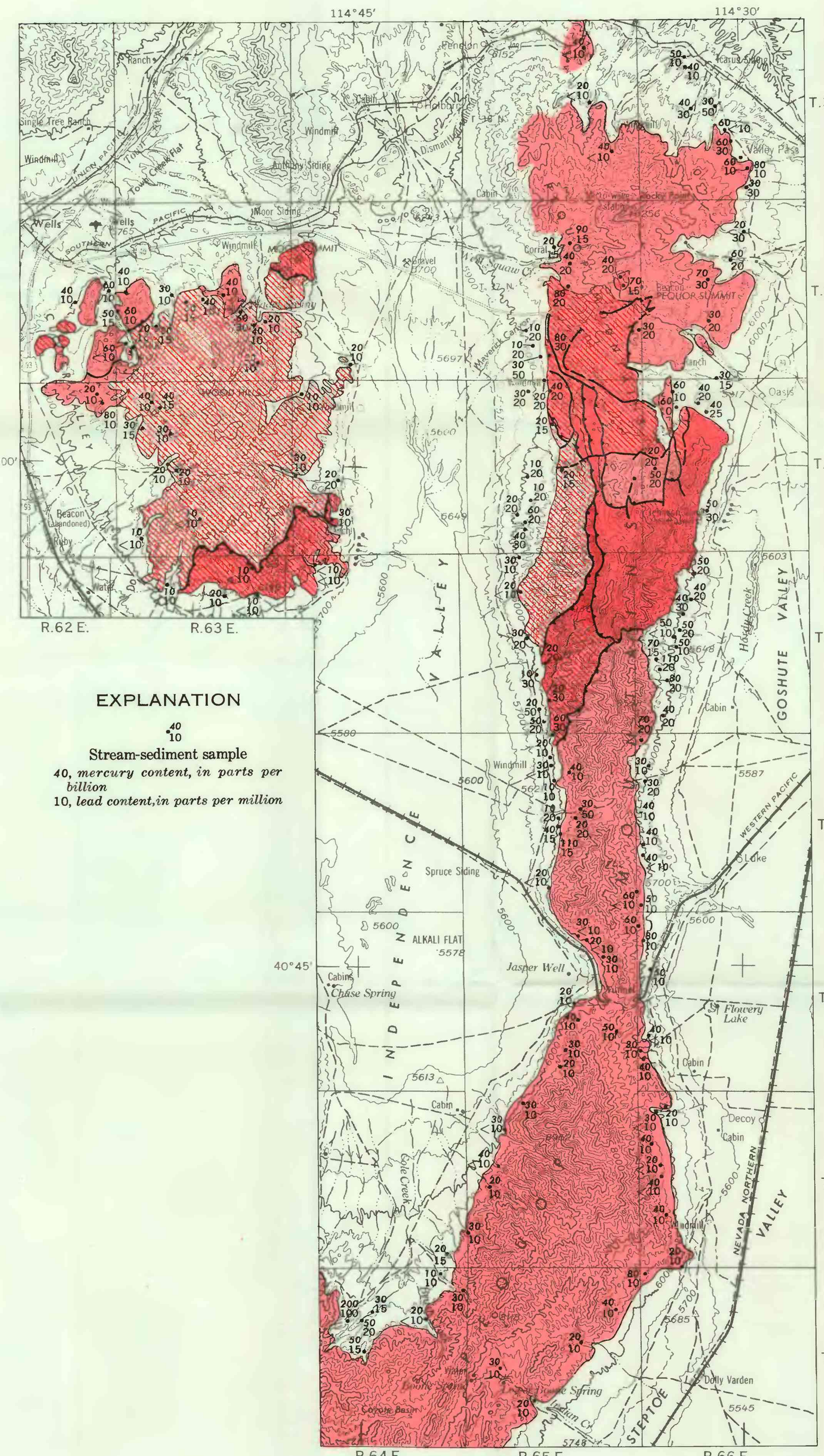
Stream-sediment sample

Float

Stream sediment and float

Bedrock (outcrop)

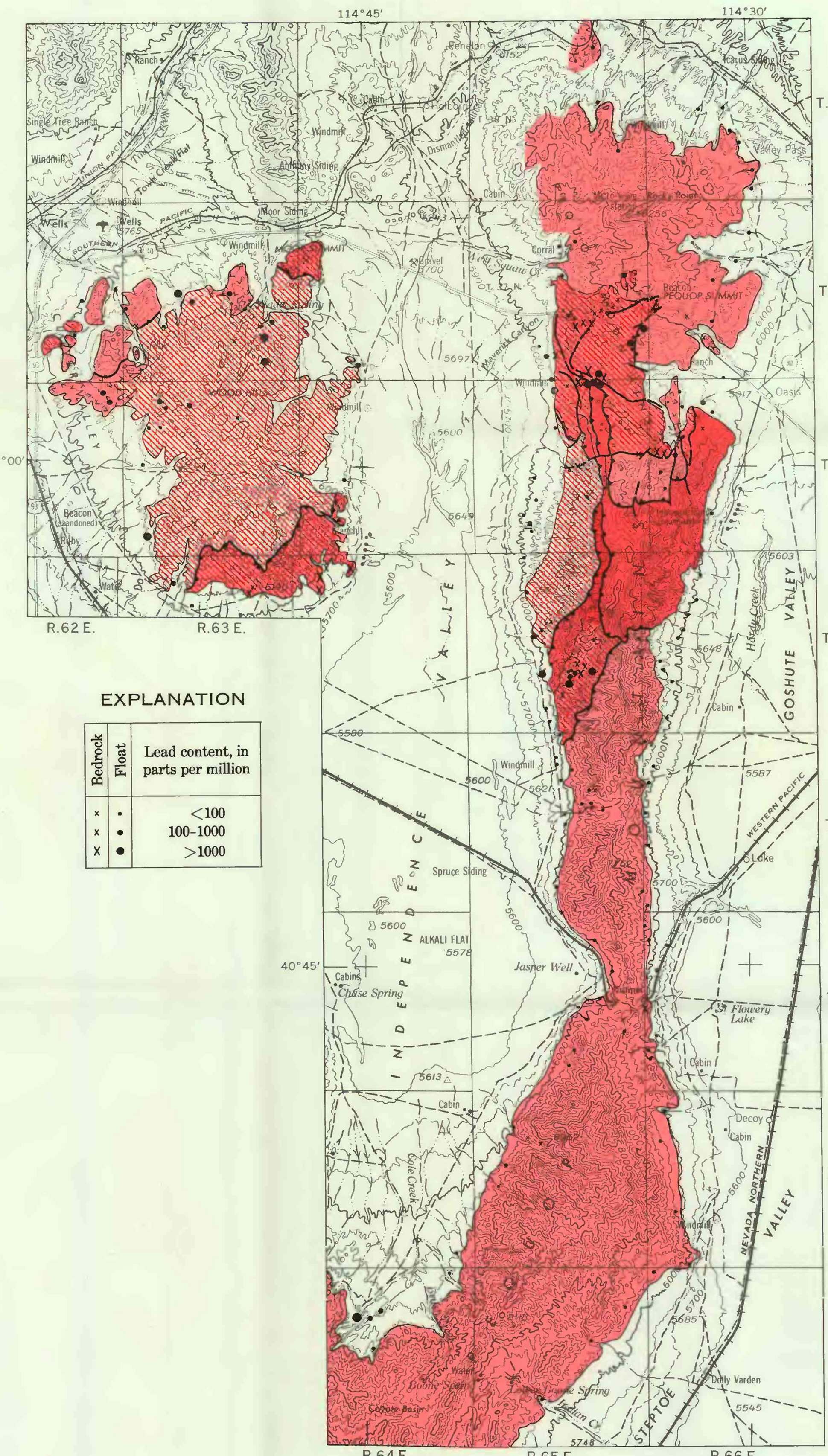
SAMPLE LOCATION, TYPE, AND NUMBER



EXPLANATION

40
10
Stream-sediment sample
40, mercury content, in parts per billion
10, lead content, in parts per million

STREAM SEDIMENT



EXPLANATION

Bedrock	Float	Lead content, in parts per million
x	•	<100
x	•	100–1000
X	●	>1000

LEAD

EXPLANATION

Alluvium and unmapped areas

Sedimentary and volcanic rocks — TERTIARY

LOWER PLATE

Metamorphic rocks — PALEOZOIC

UPPER PLATE

Carbonate and clastic rocks
Include Pequop and Ferguson Mountain Formations of Bissell (1960), Ely Limestone, Diamond Peak Formation, and Chainman Shale — MISSISSIPPIAN, PENNSYLVANIAN AND PERMIAN — CARBONIFEROUS

Carbonate rocks

Carbonate rocks
Include Pilot(?) Shale, Guilmette Formation, Simonson, Laketown, and Ely Springs Dolomites — SILURIAN AND DEVONIAN

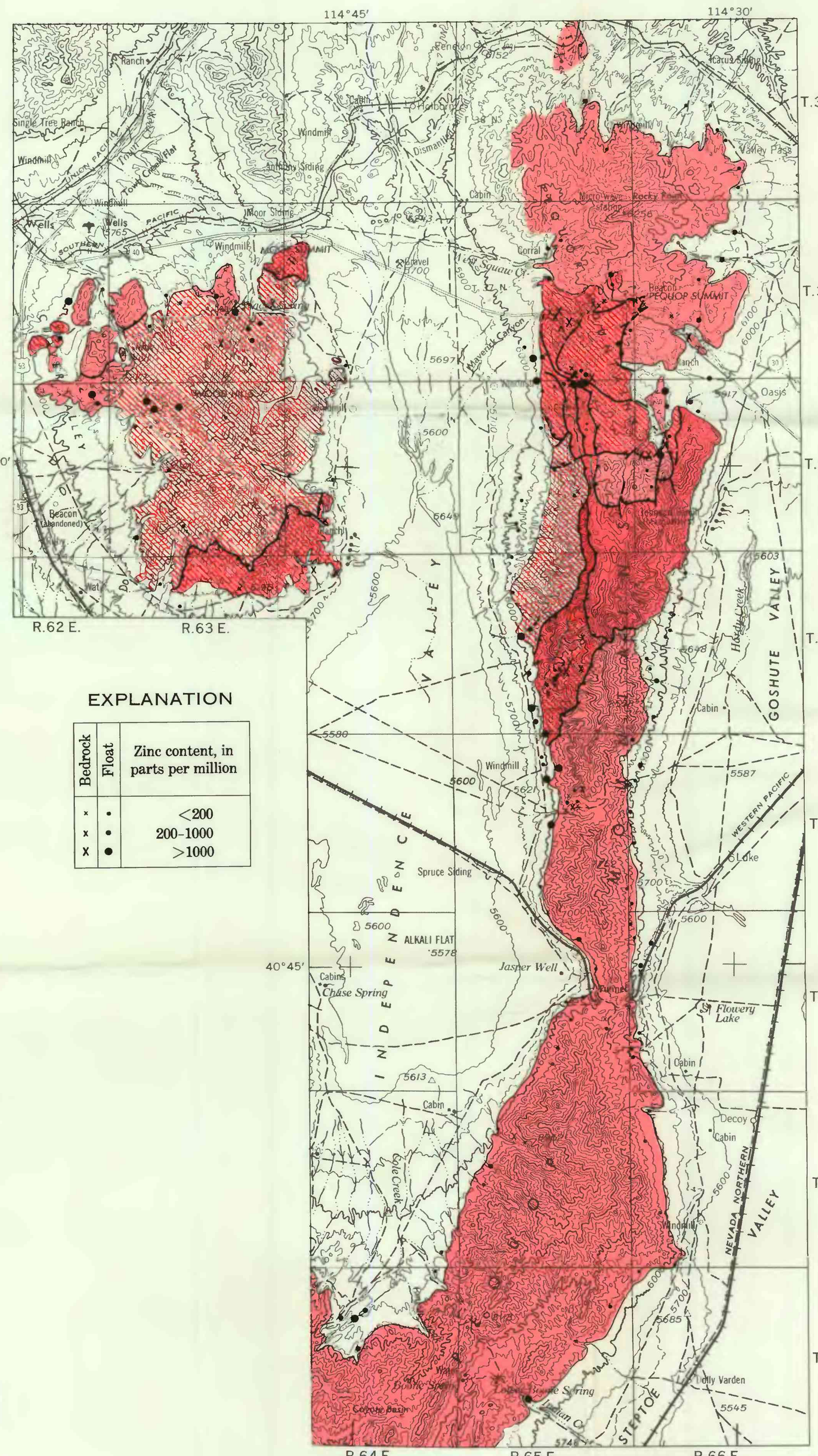
Quartzite, limestone, dolomite, and shale
Include Eureka Quartzite and Pogonip Group — ORDOVICIAN

PALEOZOIC

Contact
Dashed where approximately located

Fault
Dashed where approximately located

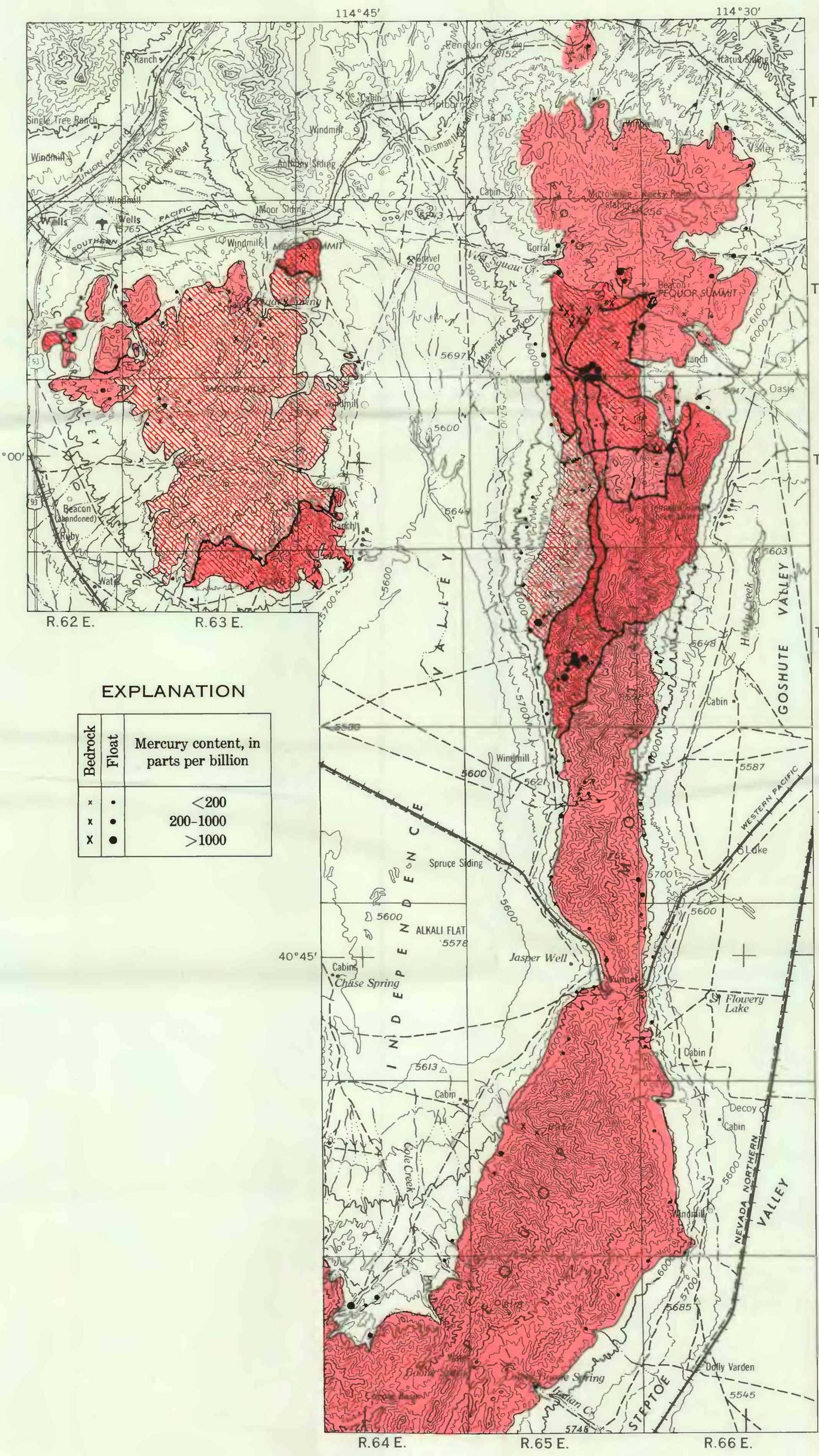
Thrust fault
Sawteeth on upper plate



EXPLANATION

Bedrock	Float	Zinc content, in parts per million
x	•	<200
x	•	200–1000
X	●	>1000

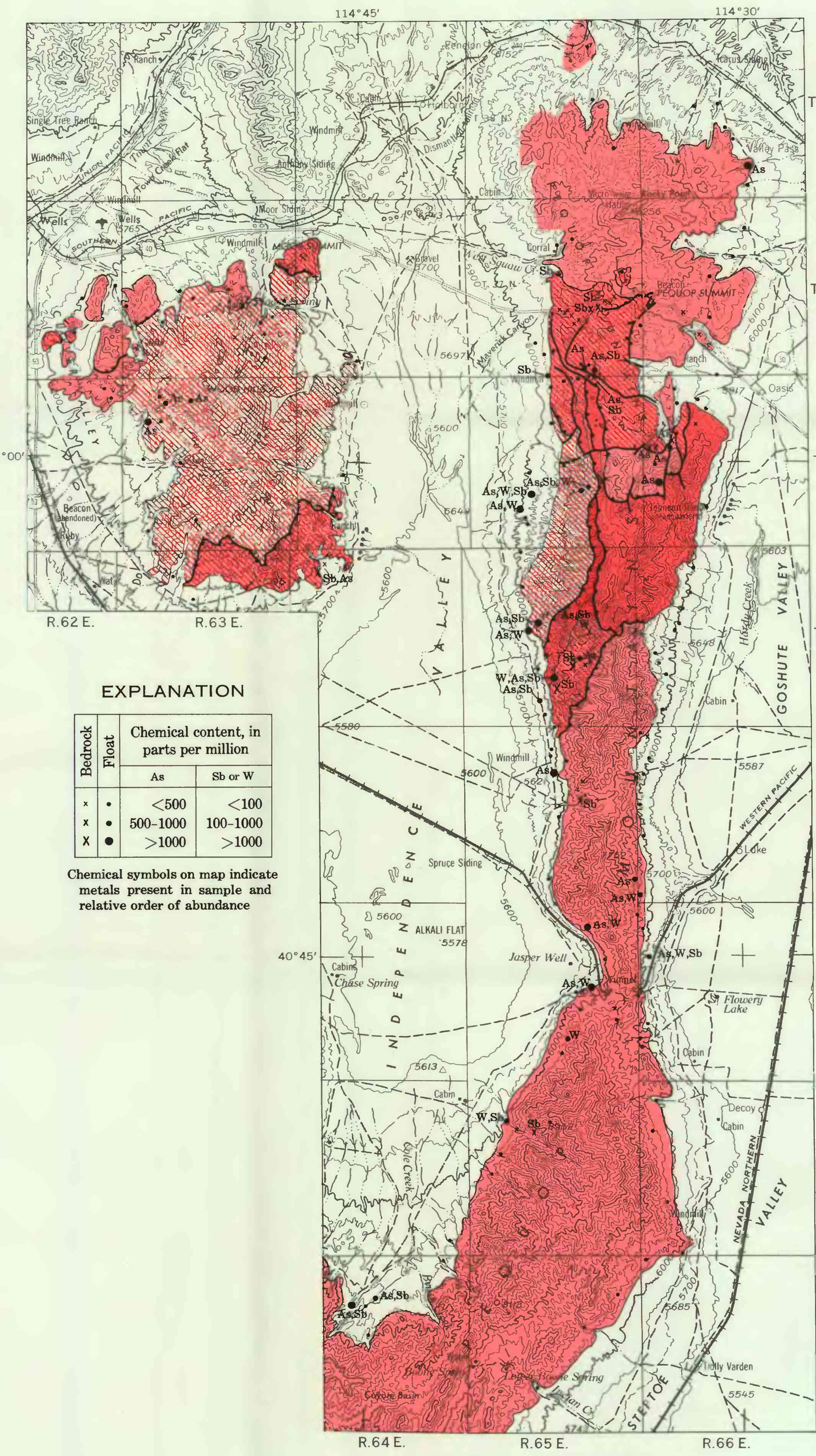
ZINC



EXPLANATION

Bedrock	Float	Mercury content, in parts per billion
x	•	<200
x	•	200–1000
X	●	>1000

MERCURY

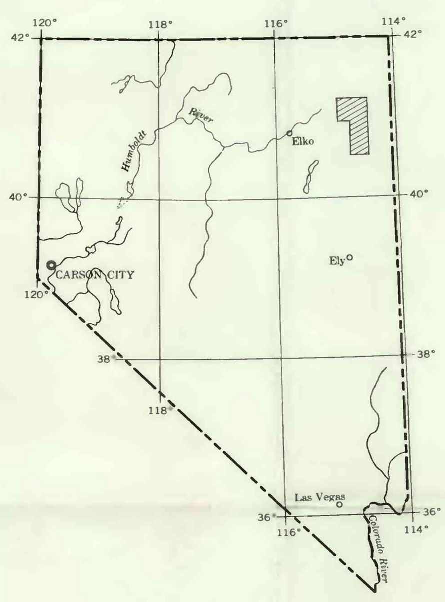


EXPLANATION

Bedrock	Float	Chemical content, in parts per million: As	Sb or W
x	•	<500	<100
x	•	500–1000	100–1000
X	●	>1000	>1000

Chemical symbols on map indicate metals present in sample and relative order of abundance

ARSENIC, ANTIMONY, AND TUNGSTEN



AREA OF THIS INVESTIGATION

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1966—G66074

Base from Army Map Service, 1:250 000 series
Elko 1962 and Wells 1961

GEOLOGIC AND GEOCHEMICAL RECONNAISSANCE MAPS OF THE WOOD HILLS AND PEQUOP MOUNTAINS, ELKO COUNTY, NEVADA

Geology of the Wood Hills and central part of the northern Pequop Mountains adapted and simplified from Thorman (1962)

SCALE 1:250 000

5 0 5 10 15 20 25 MILES

5 0 5 10 15 20 25 KILOMETERS

CONTOUR INTERVAL 200 FEET
SUPPLEMENTARY CONTOURS AT 100-FOOT INTERVAL
DATUM IS MEAN SEA LEVEL