E. MINERAL COMMODITY MAPS OF IDAHO US GEOLOGICAL SURVEY, MINERAL AND WATER RESOURCES OF IDAHO, 1964.

APPENDIX E – MINERAL COMMODITY MAPS OF IDAHO

U.S. GEOLOGICAL SURVEY (1964) Mineral and Water Resources of Idaho

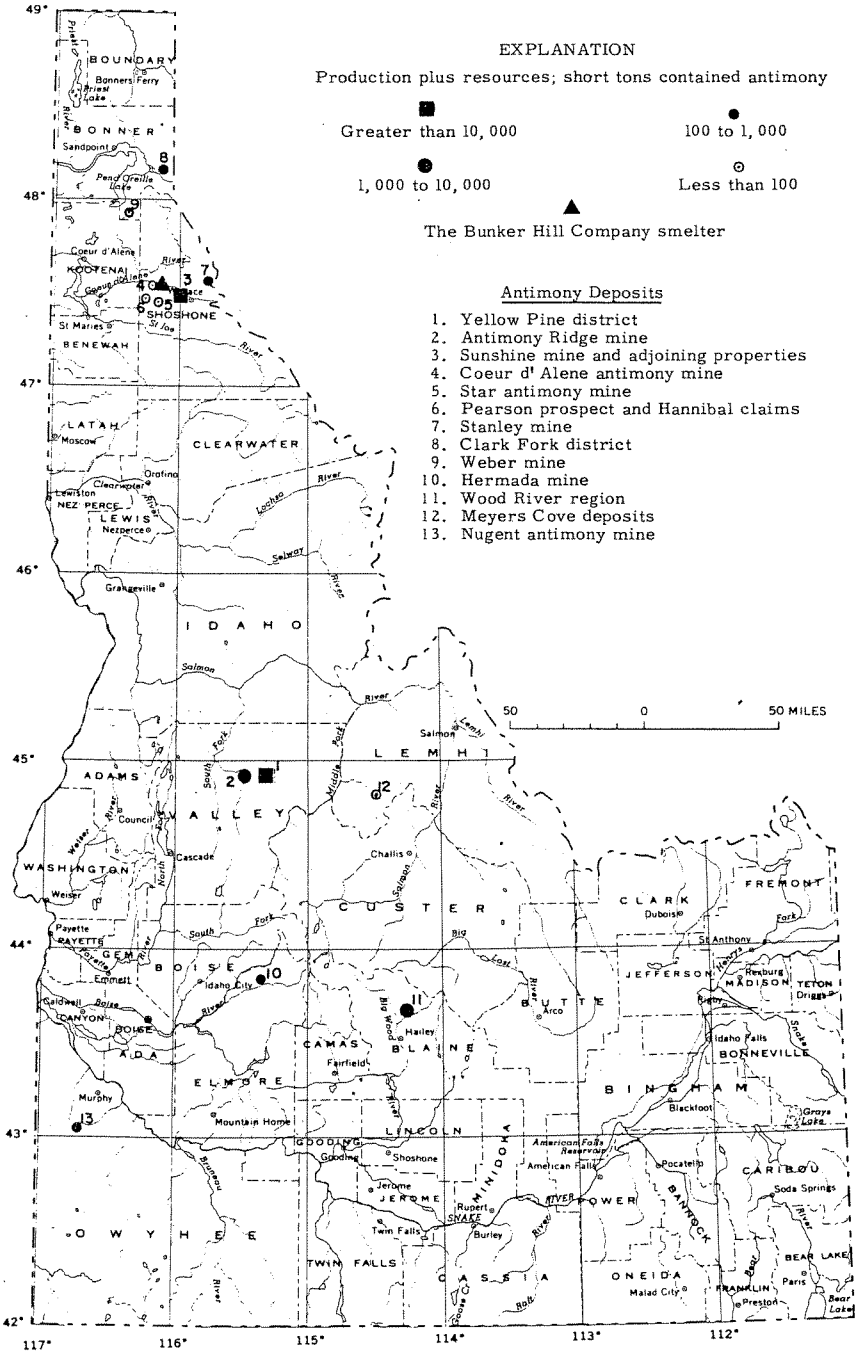


FIGURE 10.—Antimony in Idaho.

35-920 O—64——4

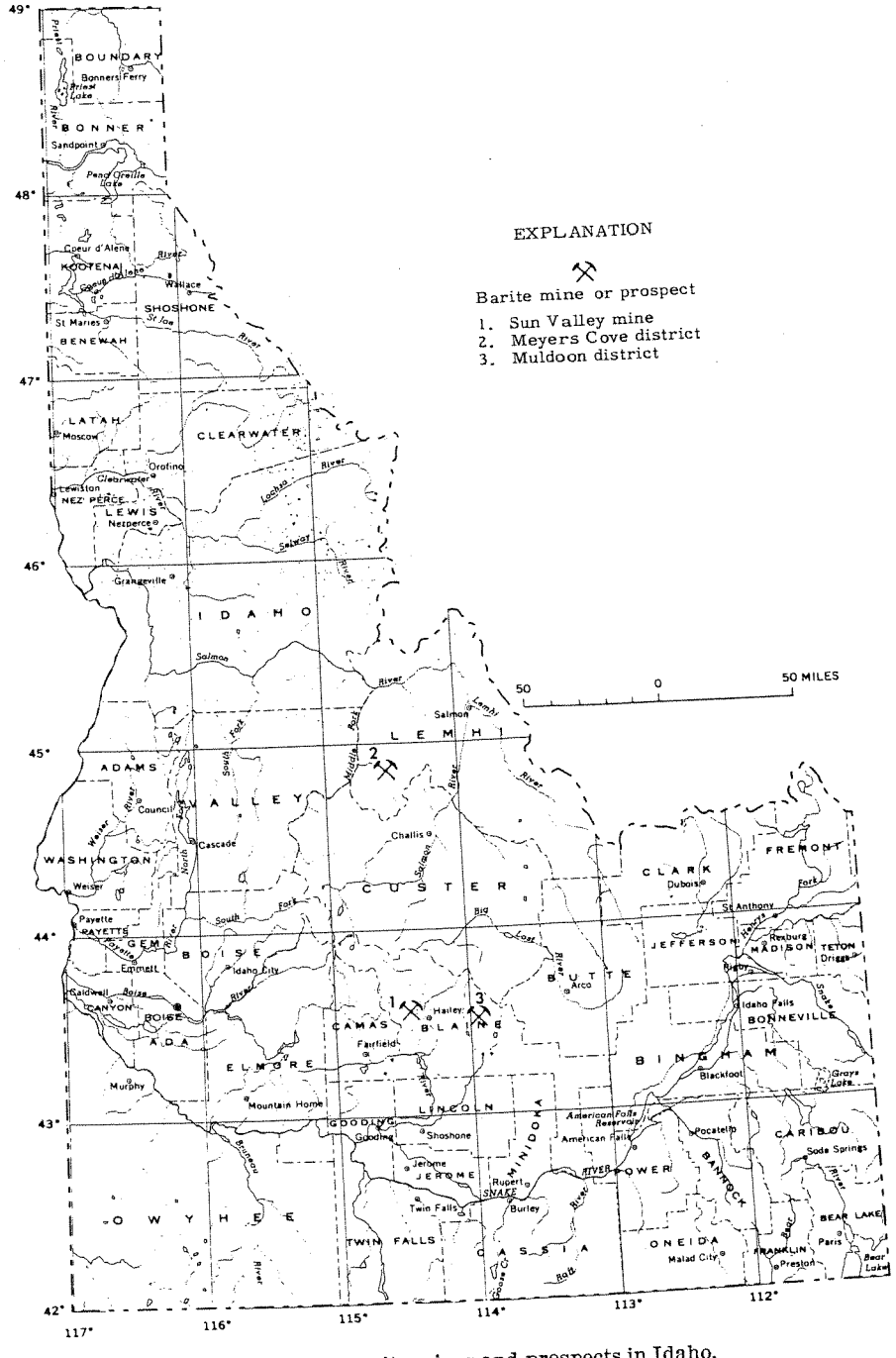


FIGURE 11.—Barite mines and prospects in Idaho.

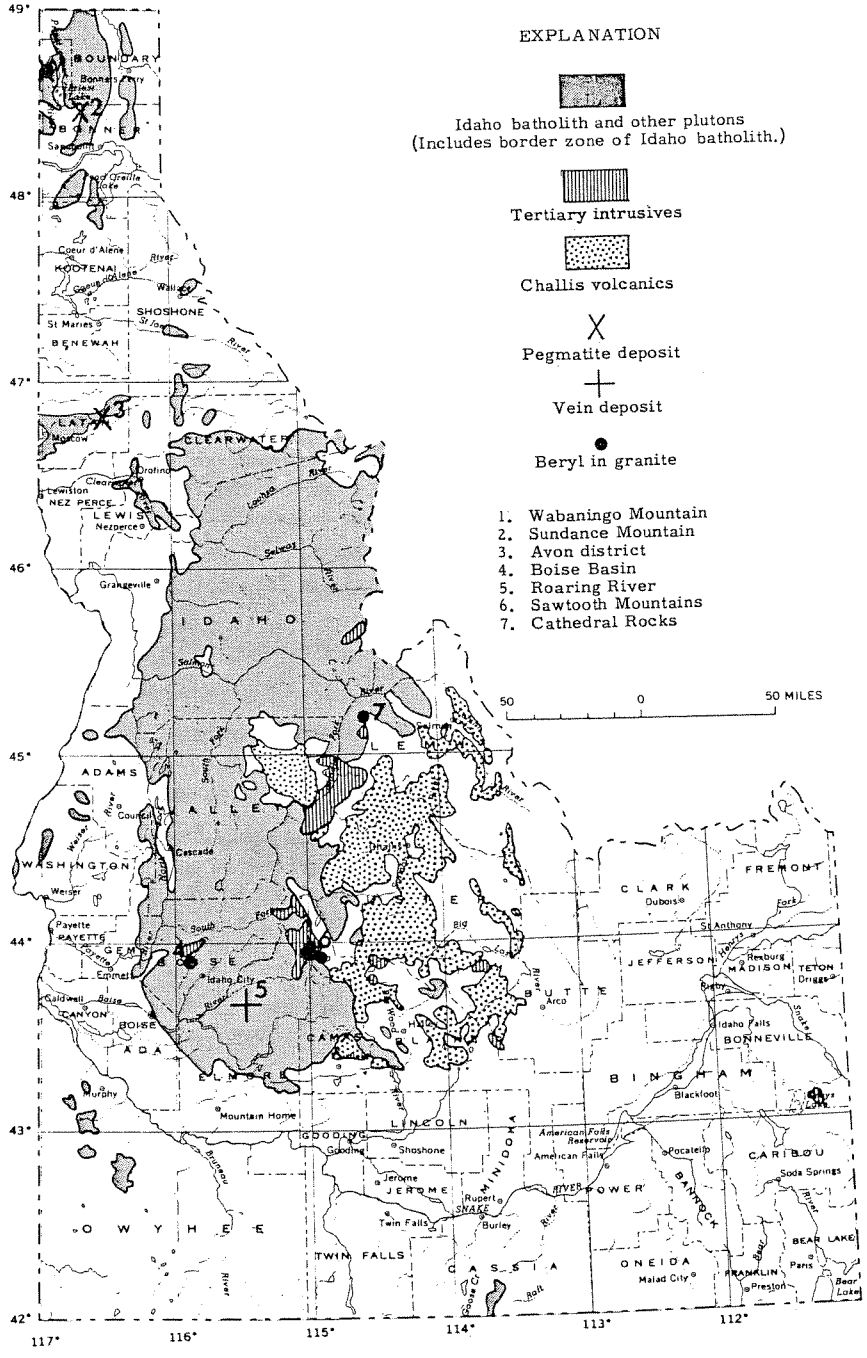


FIGURE 12.—Beryllium in Idaho.

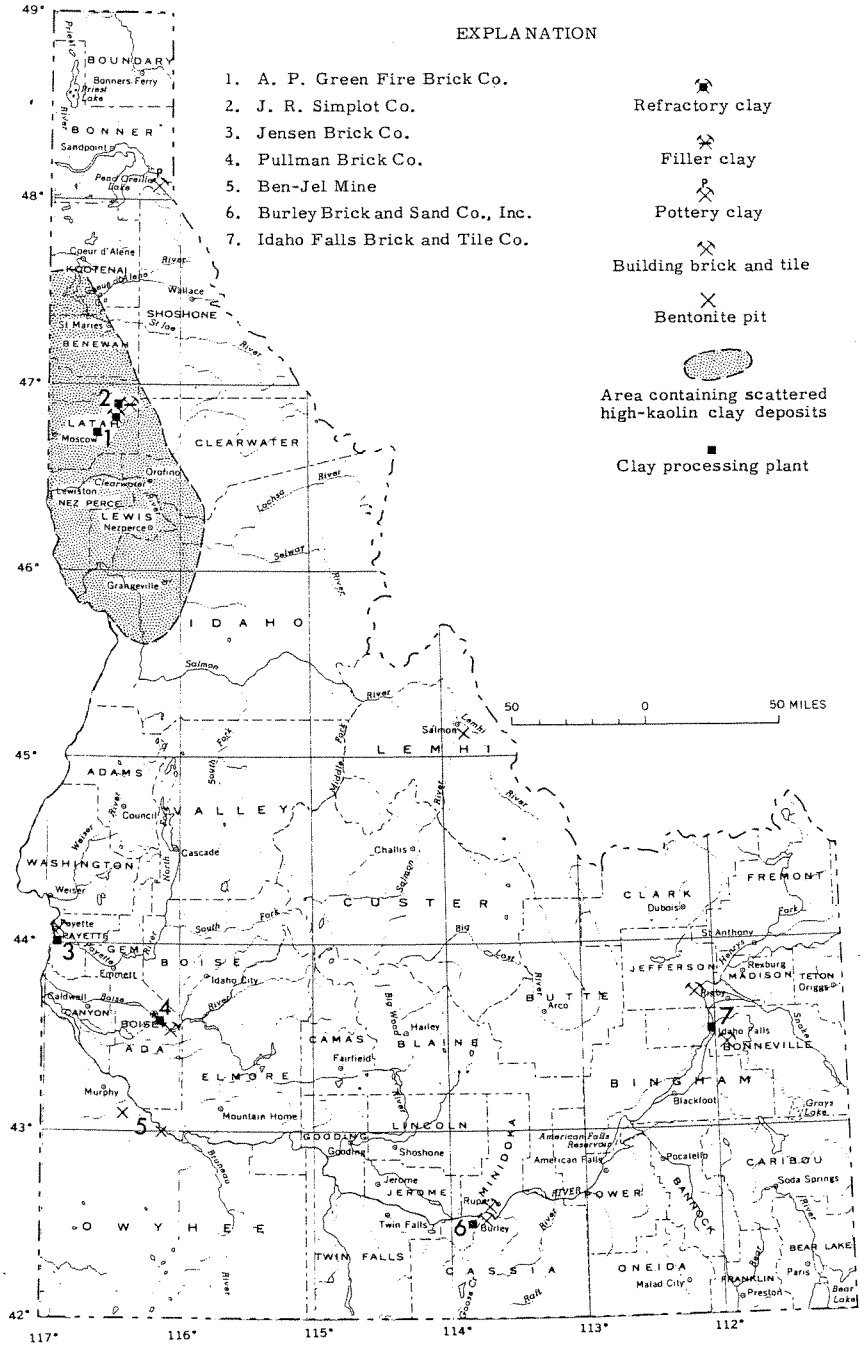


FIGURE 13.—Clay in Idaho.

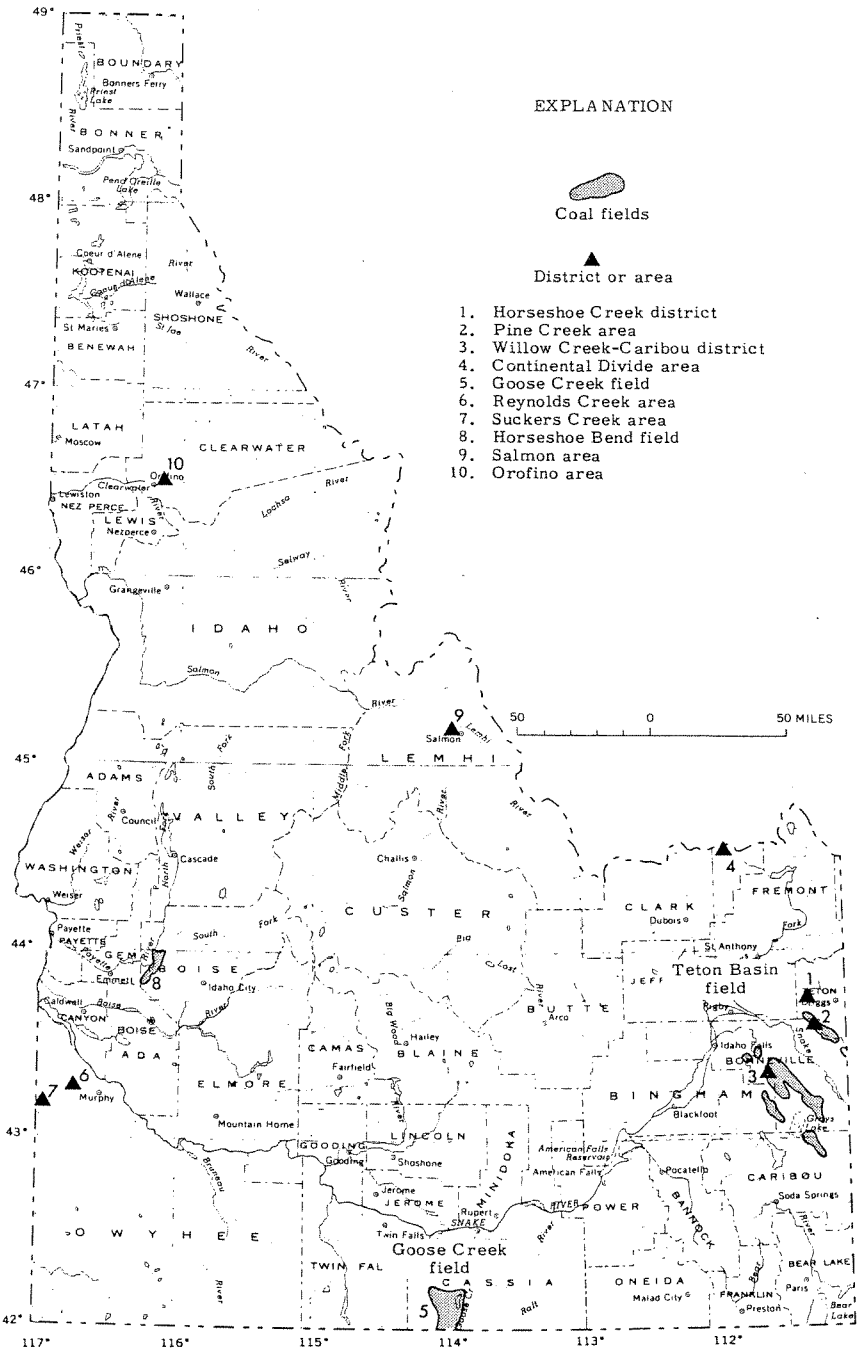


FIGURE 14.—Coal and lignite deposits of Idaho.

35-920 O - 64 - 5

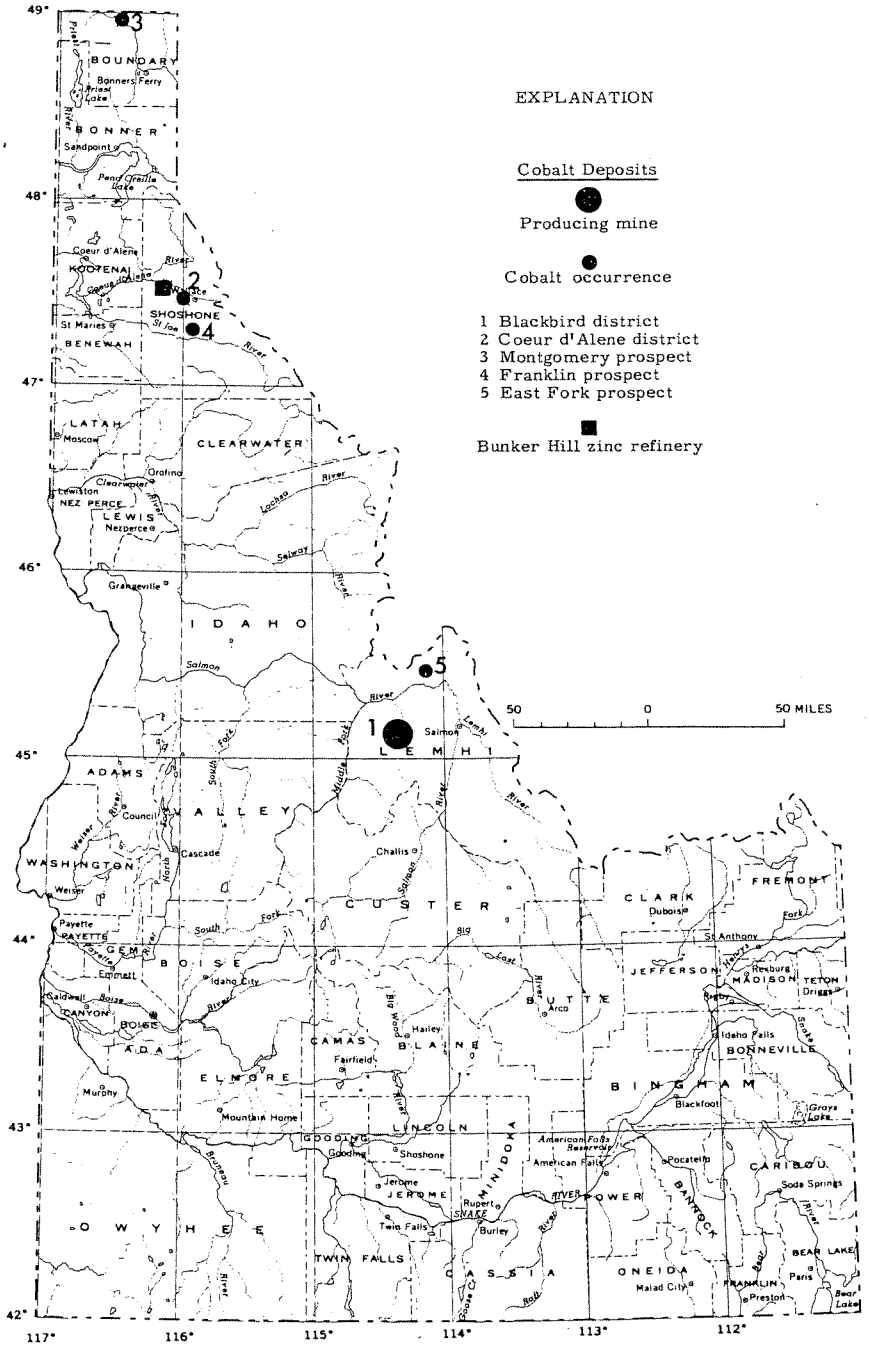


FIGURE 15.—Cobalt in Idaho.

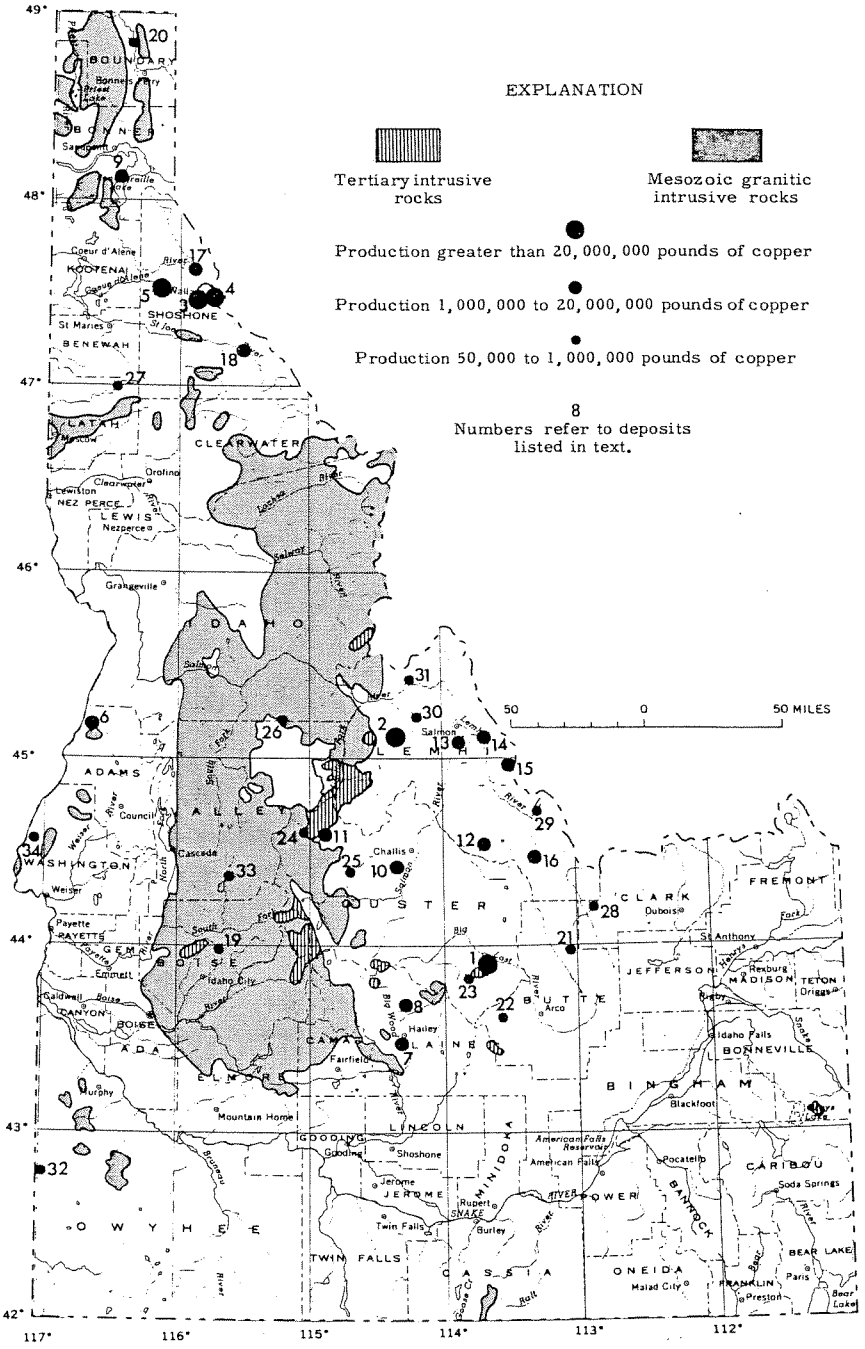


FIGURE 17.—Copper in Idaho (numbers refer to mining districts listed in table 3).

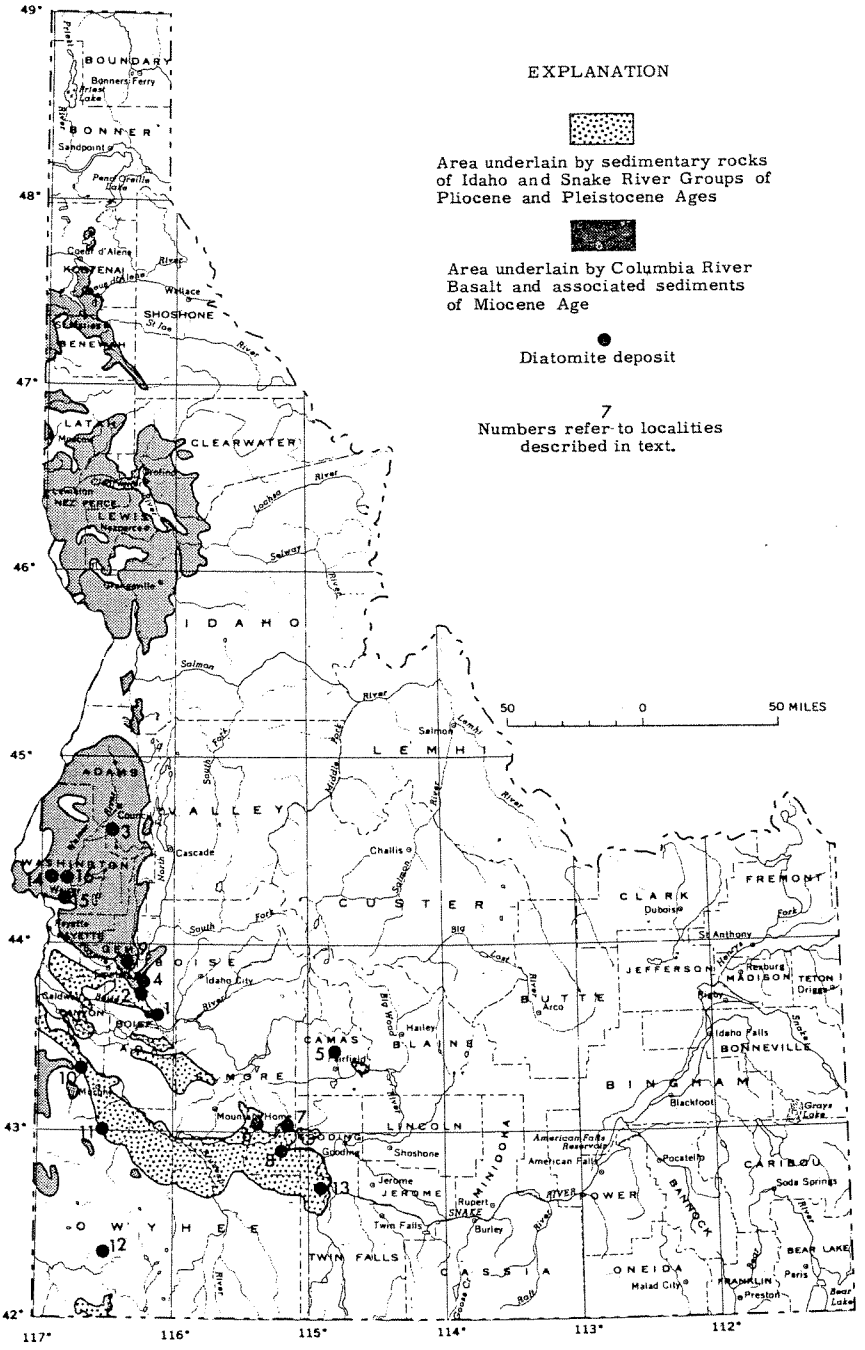


FIGURE 18.—Diatomite deposits in Idaho (numbers refer to localities listed in table 4 and described in text).

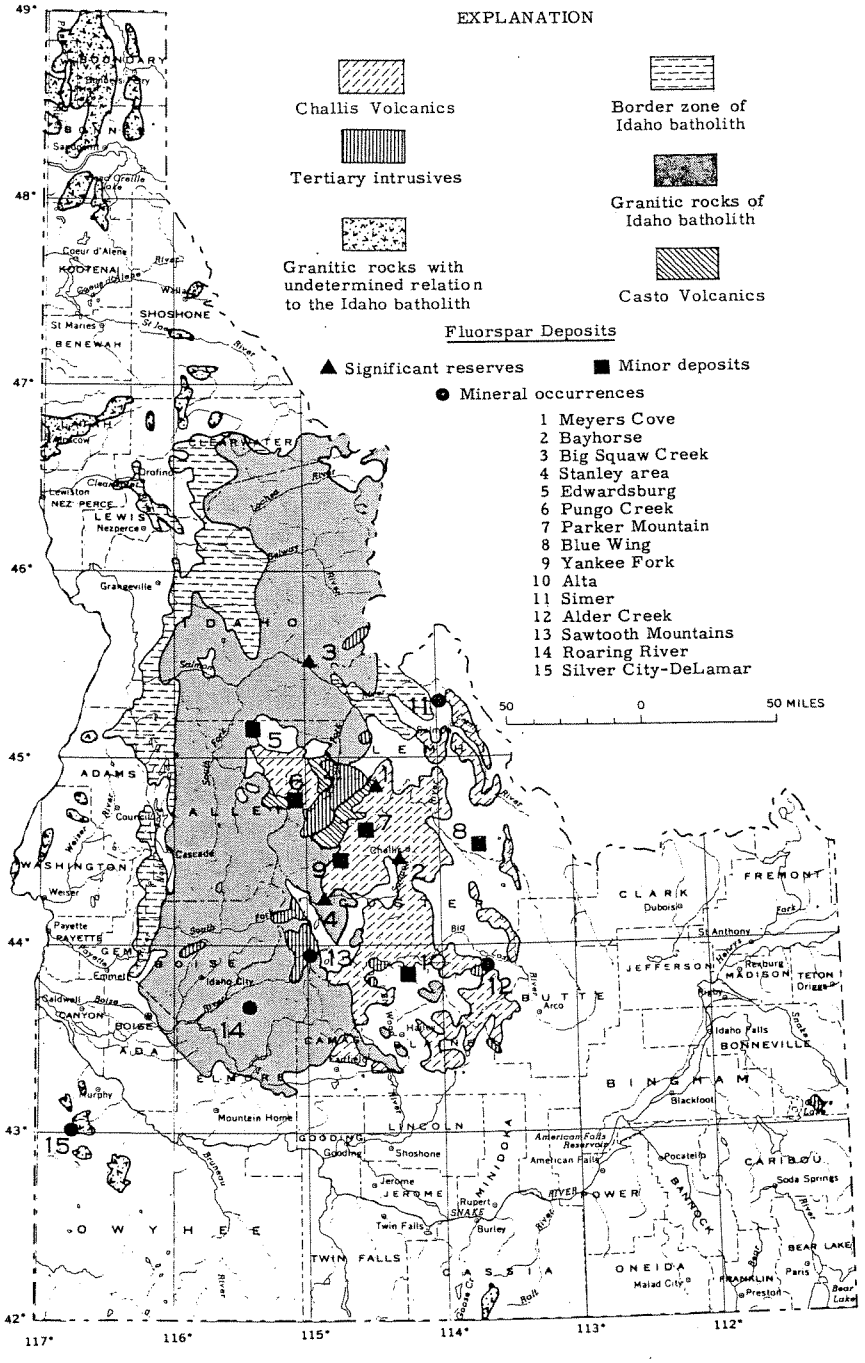


FIGURE 19.—Fluorspar in Idaho.

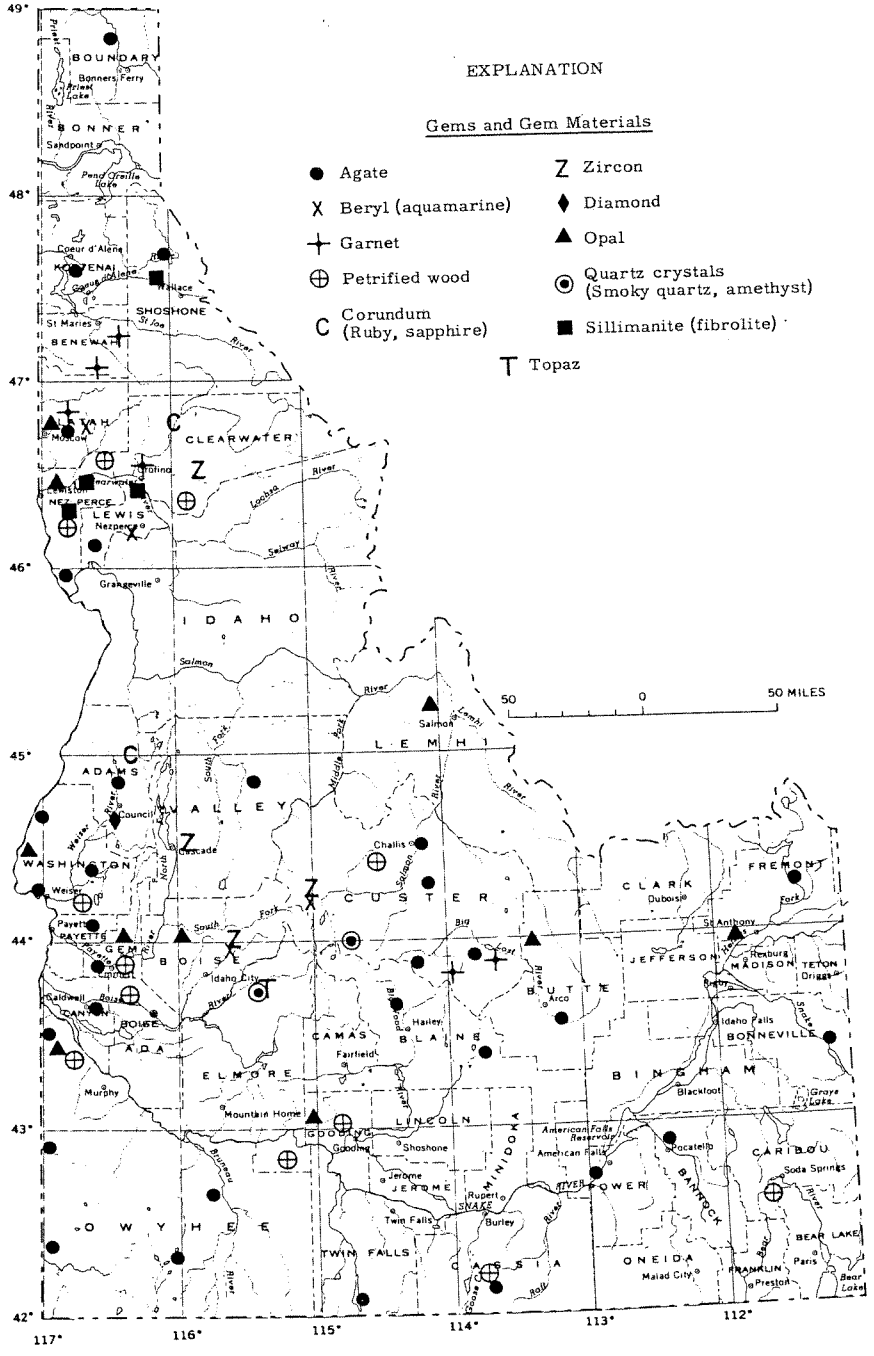


FIGURE 21.—Gems and gem materials in Idaho.

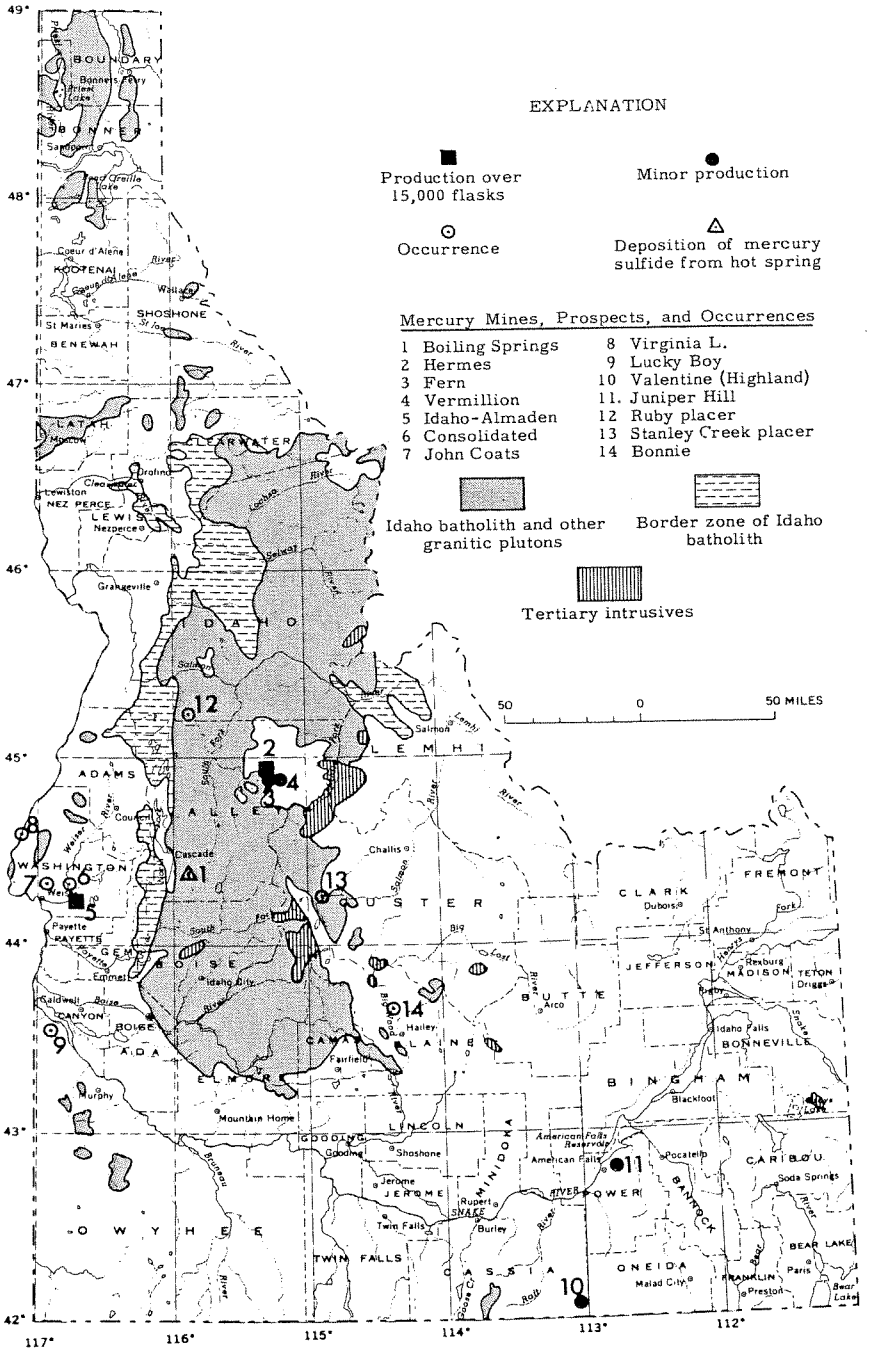


FIGURE 28.—Mercury in Idaho.

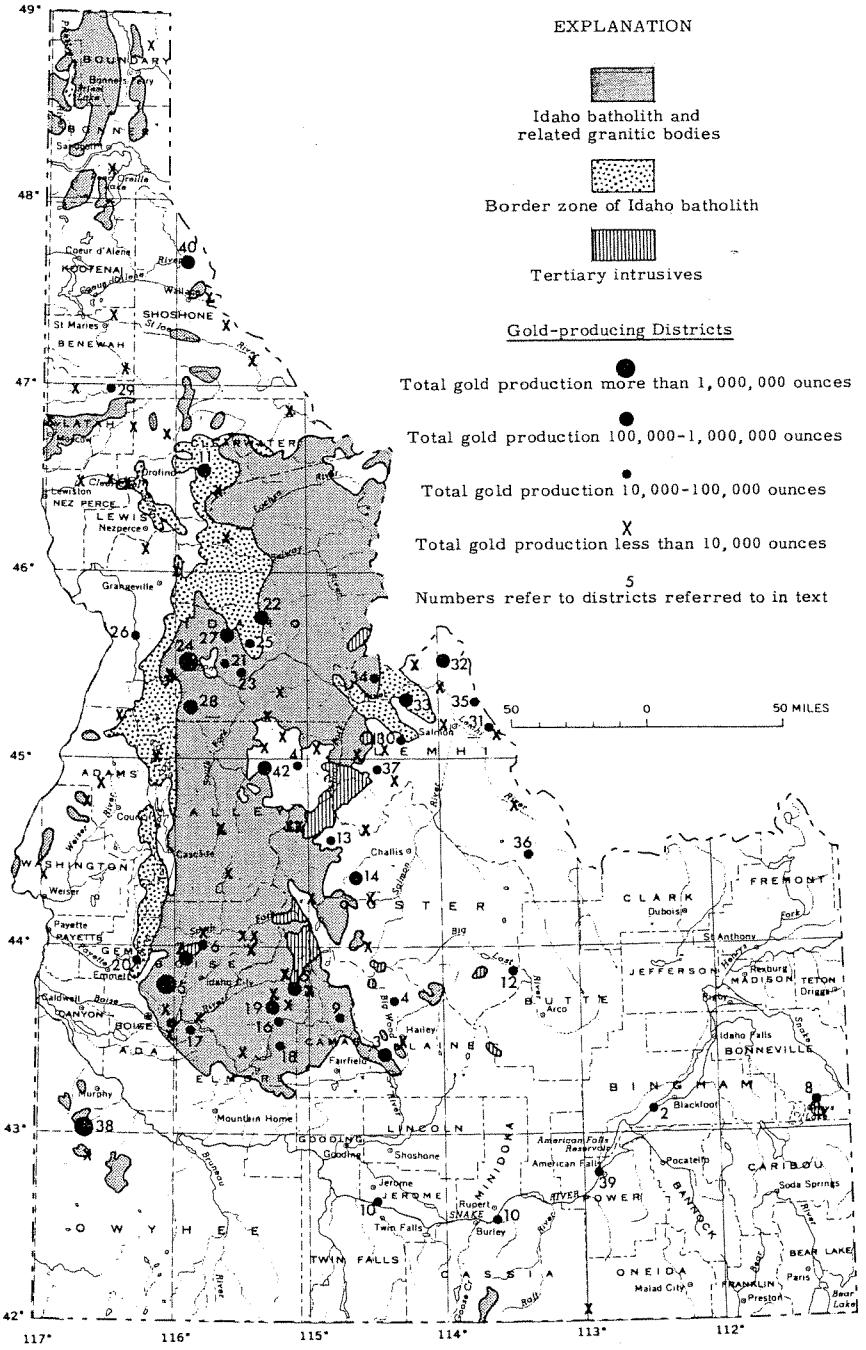


FIGURE 23.—Gold-producing districts of Idaho and areas underlain by Mesozoic and Tertiary granitic rocks (numbers refer to mining districts listed in table 5).

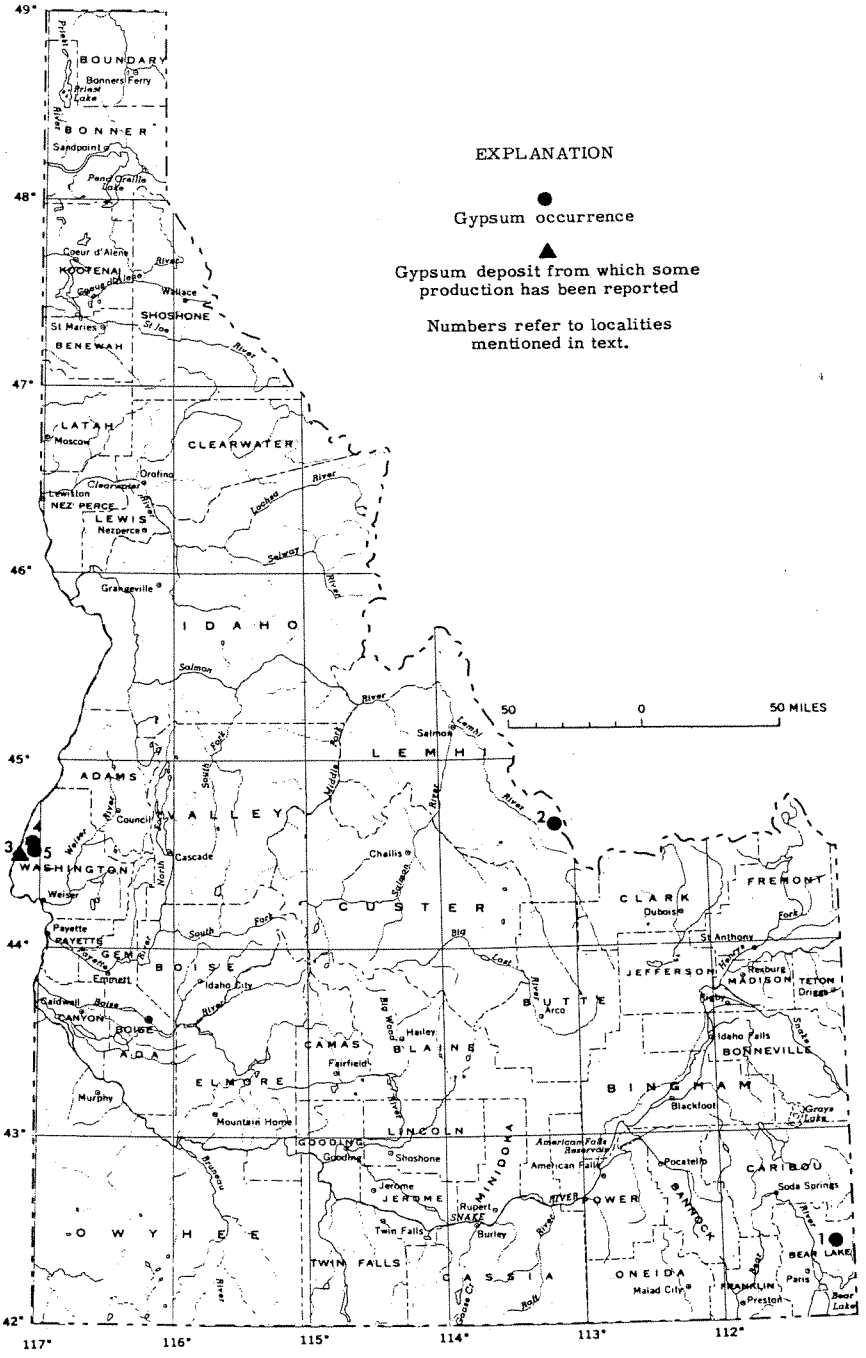


FIGURE 24.—Gypsum in Idaho.

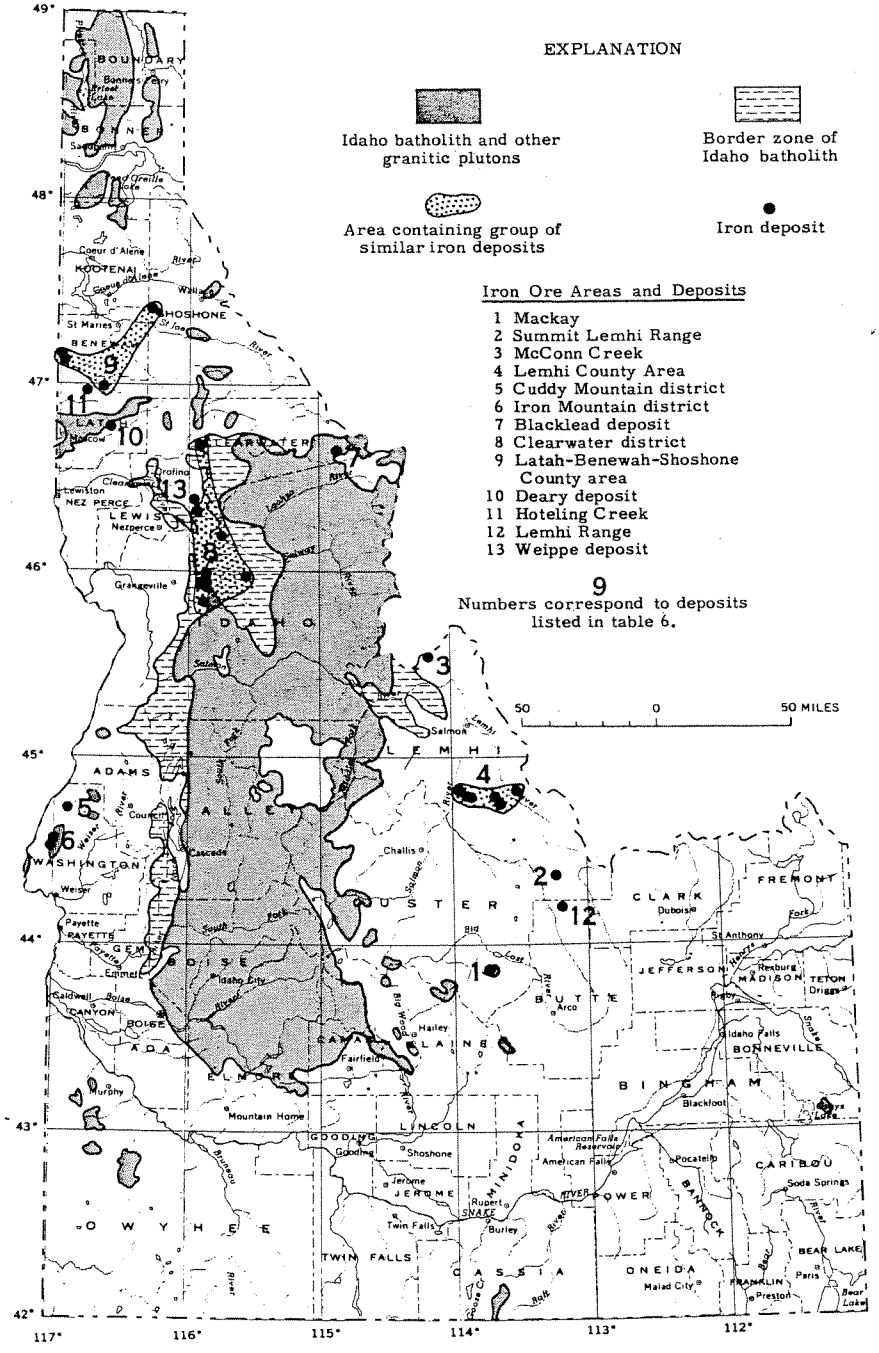


FIGURE 25.—Iron ore areas and deposits in Idaho.

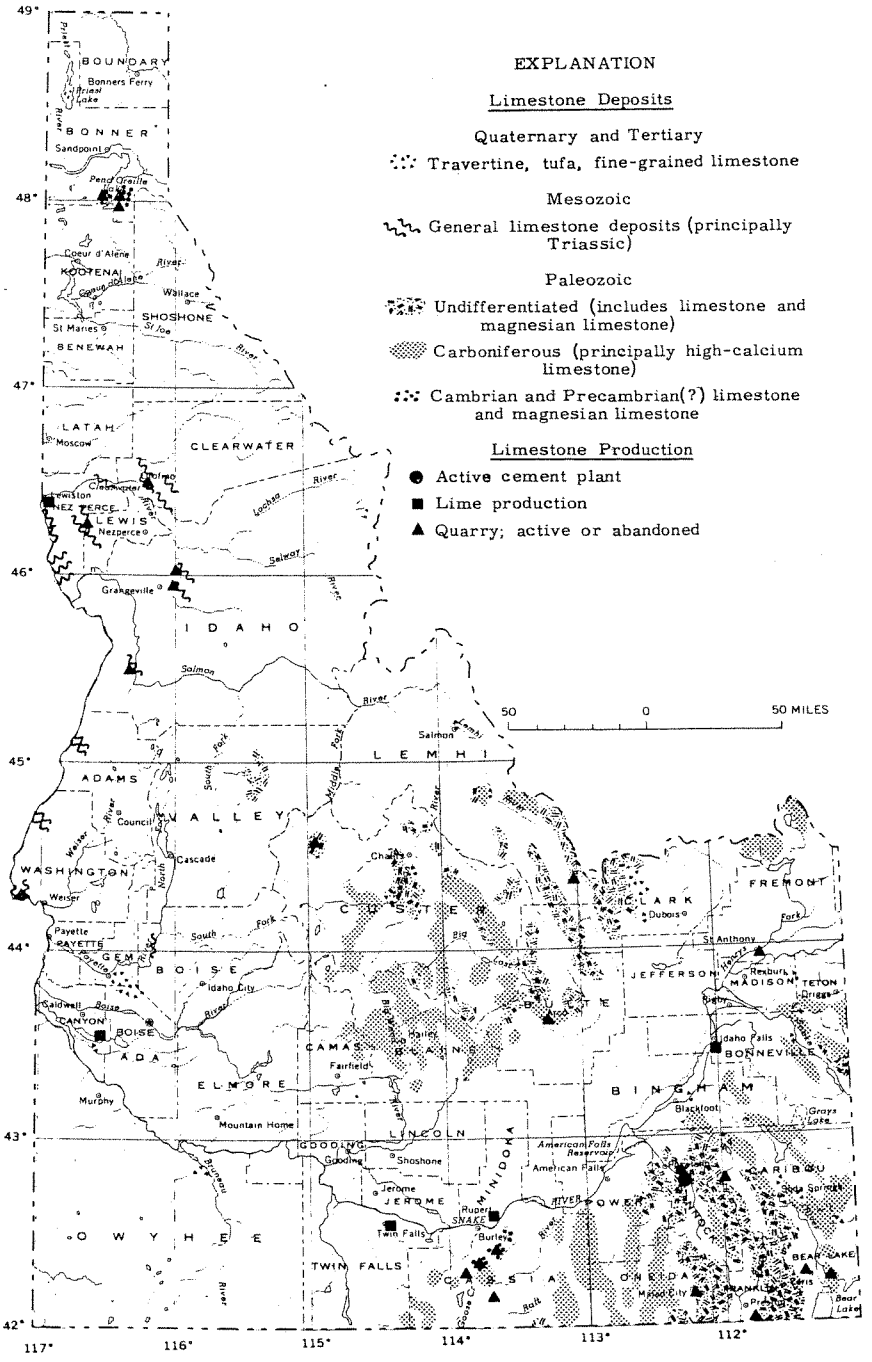


FIGURE 26.—Limestone in Idaho.

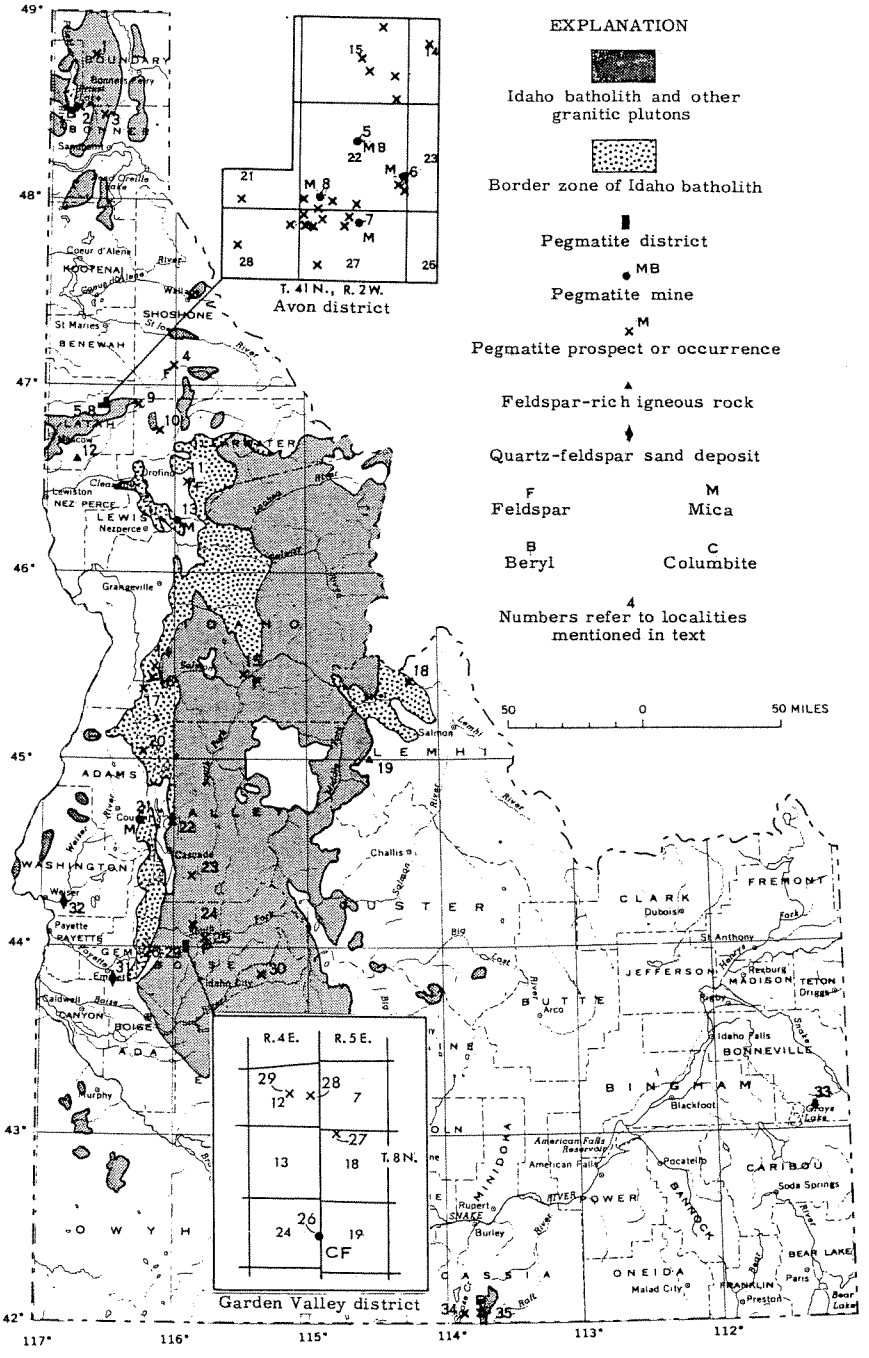


FIGURE 29.—Deposits of mica, feldspar, and associated pegmatite minerals in Idaho.

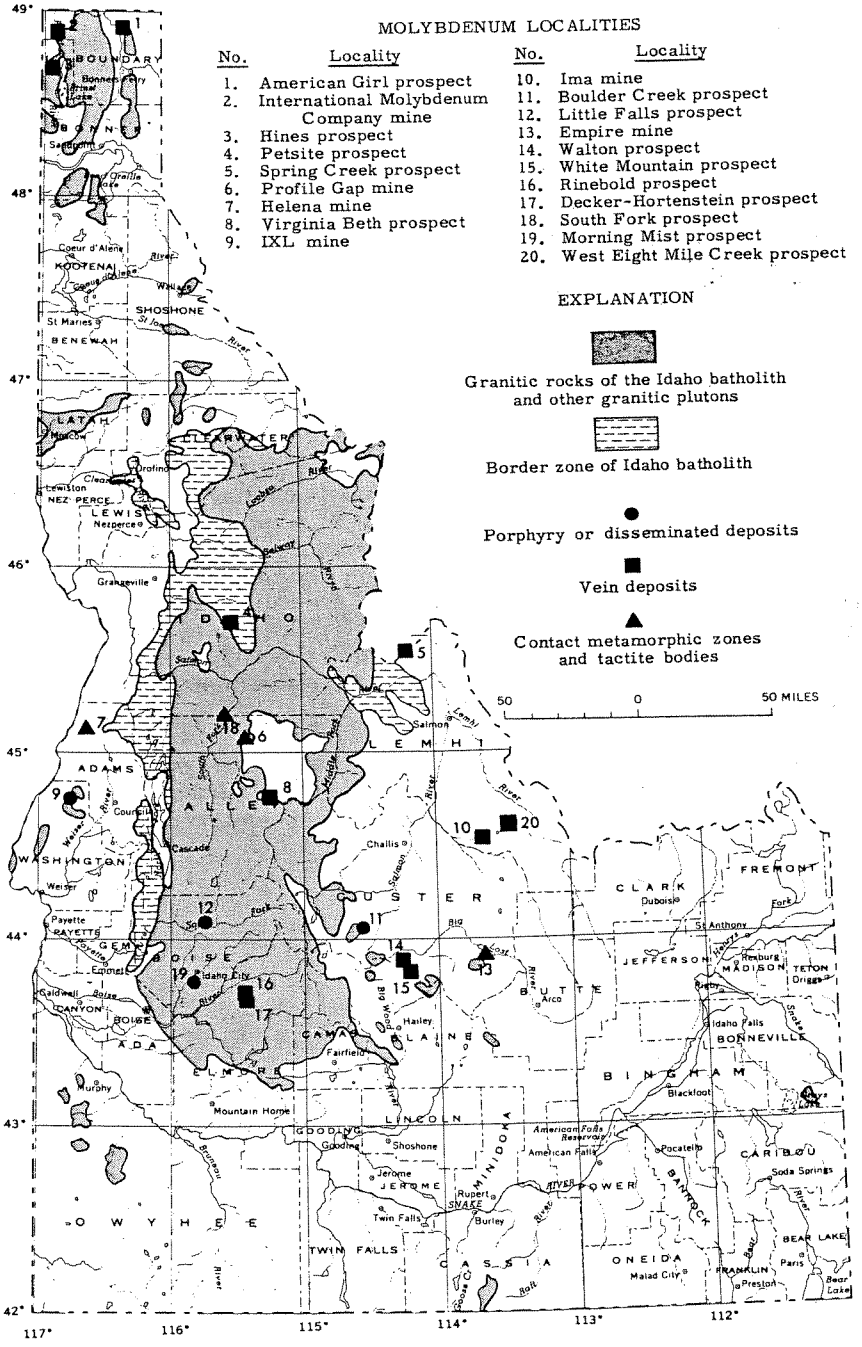


FIGURE 30.—Molybdenum in Idaho.

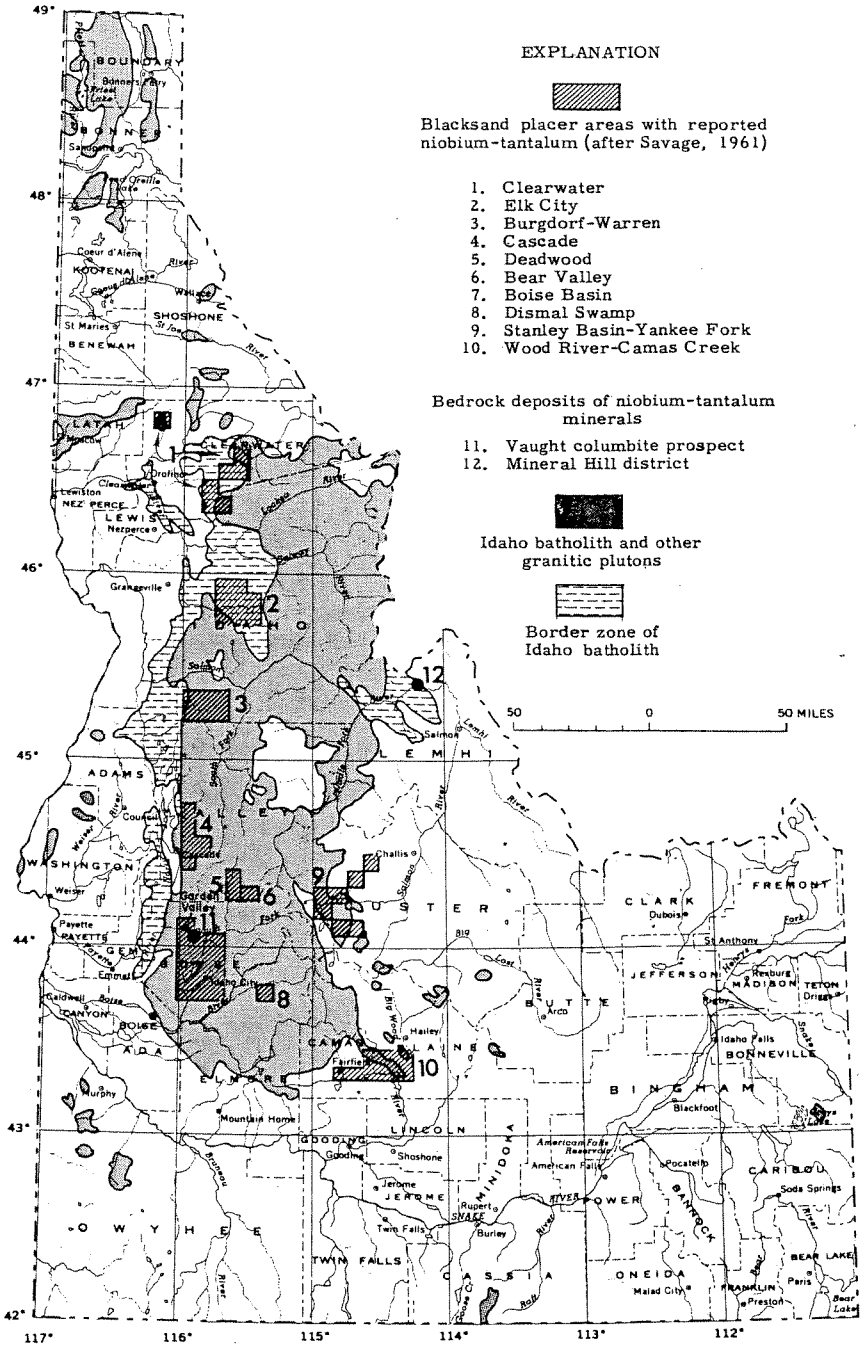


FIGURE 32.—Niobium-tantalum in Idaho.

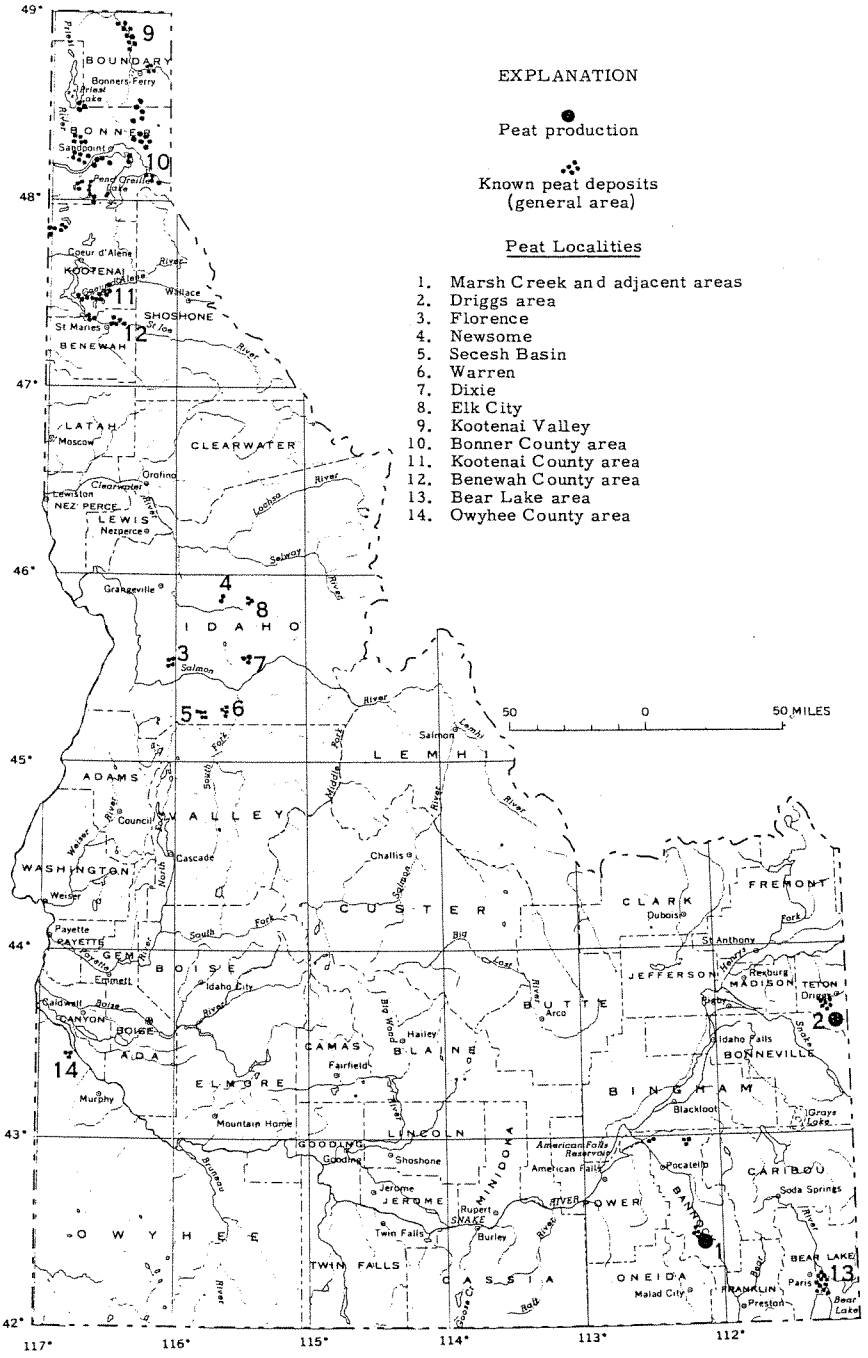


FIGURE 33.—Peat in Idaho.

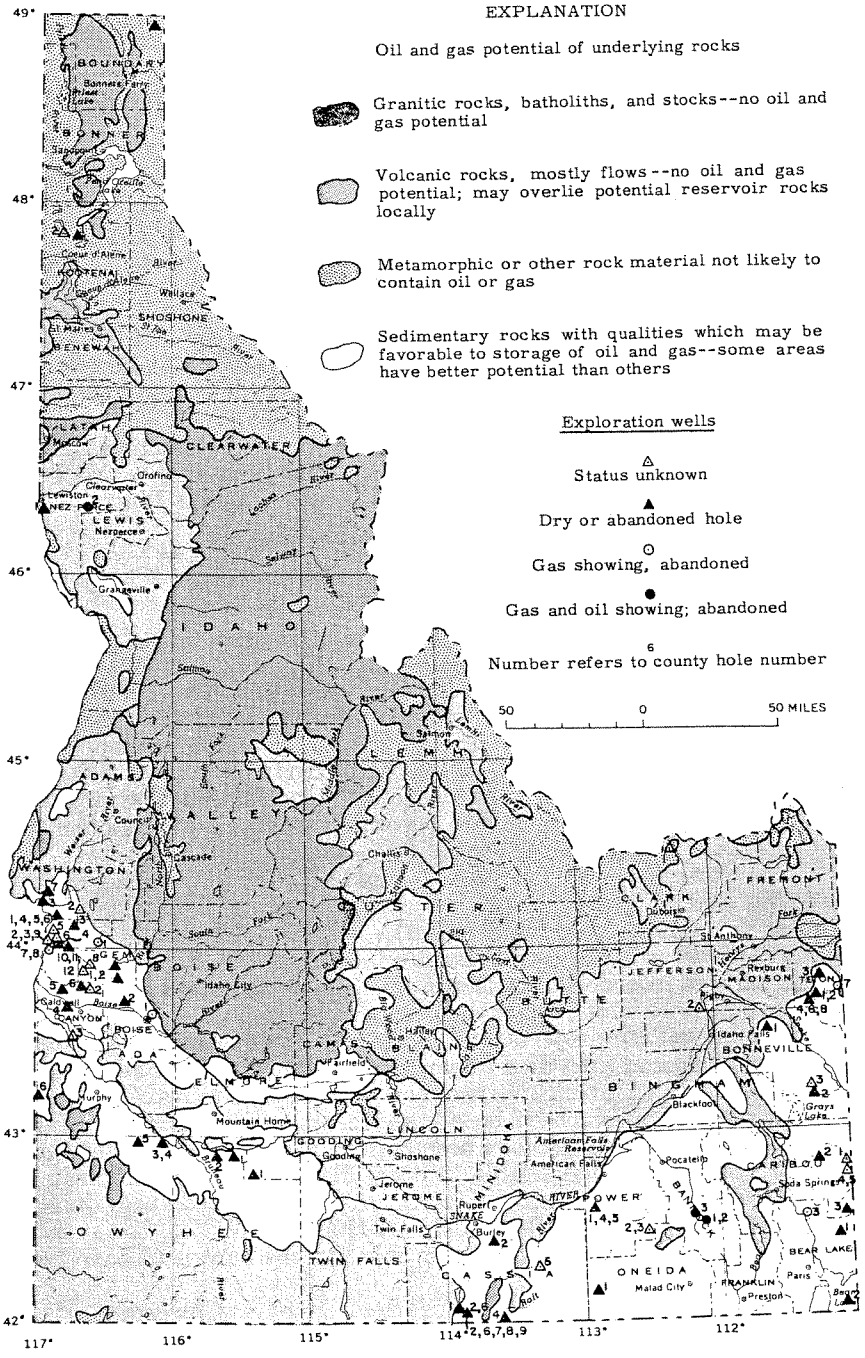


FIGURE 34.—Oil and gas potential of Idaho rocks and location of exploration wells.

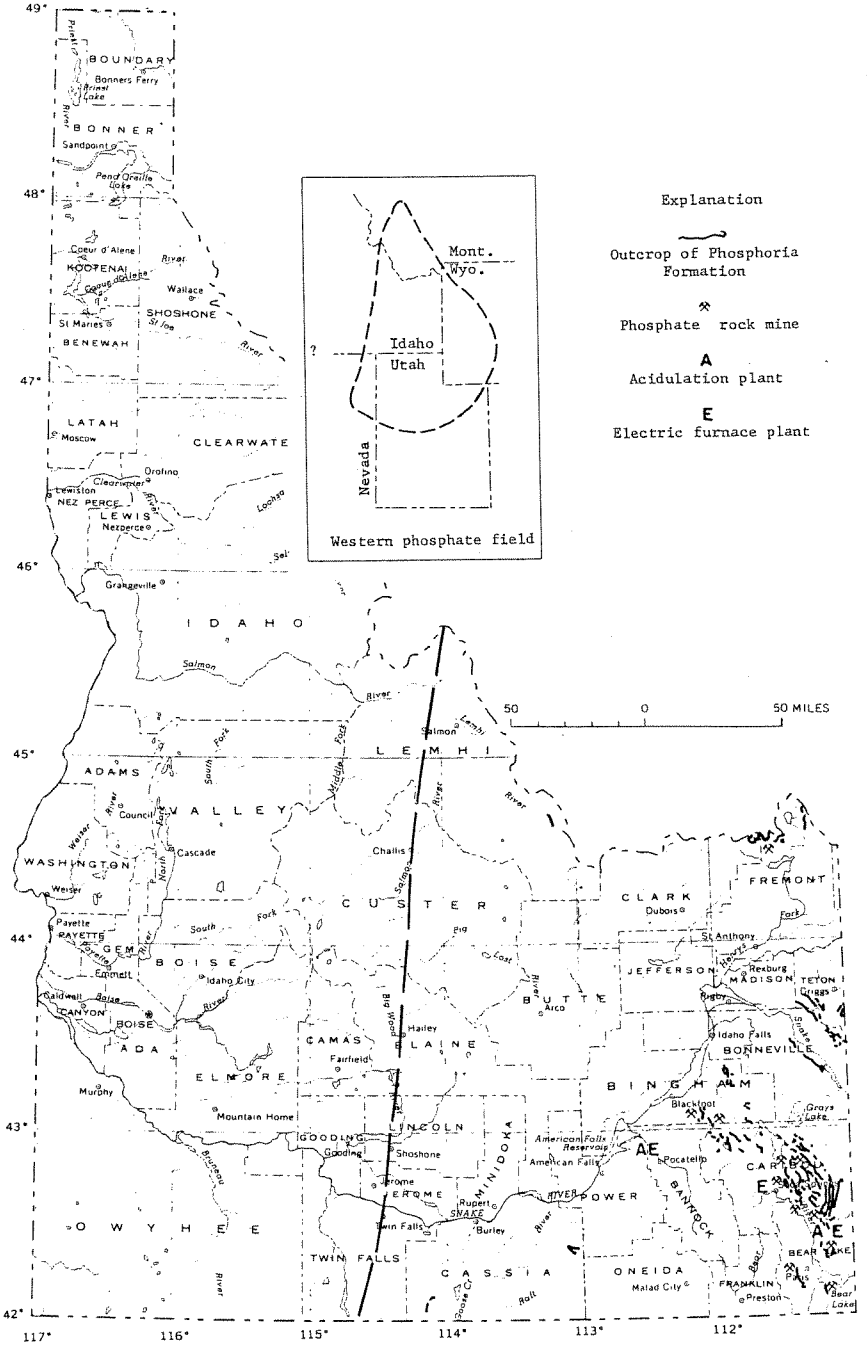


FIGURE 35.—Phosphate rock deposits in Idaho.

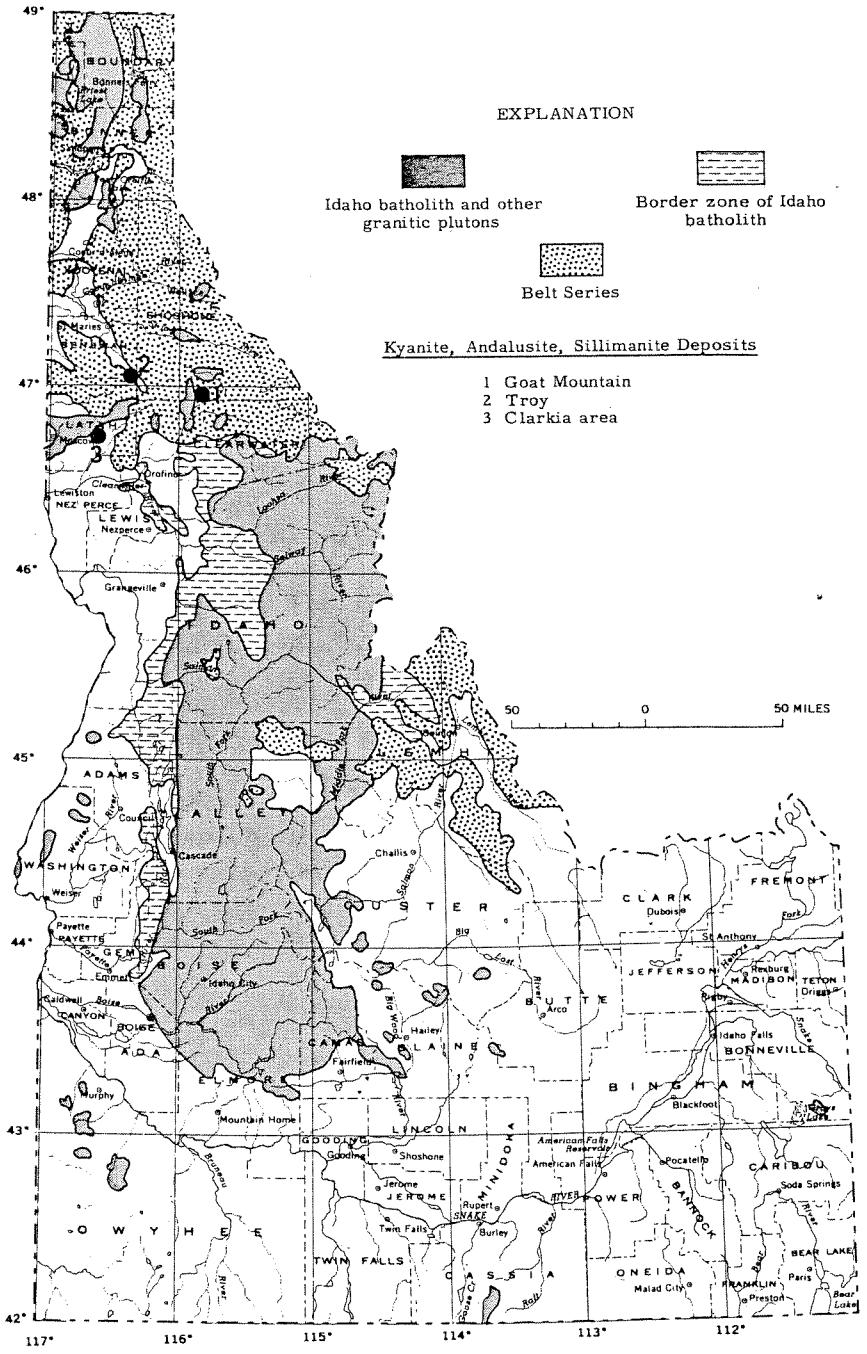


FIGURE 37.—Kyanite, sillimanite, and andalusite deposits in Idaho.

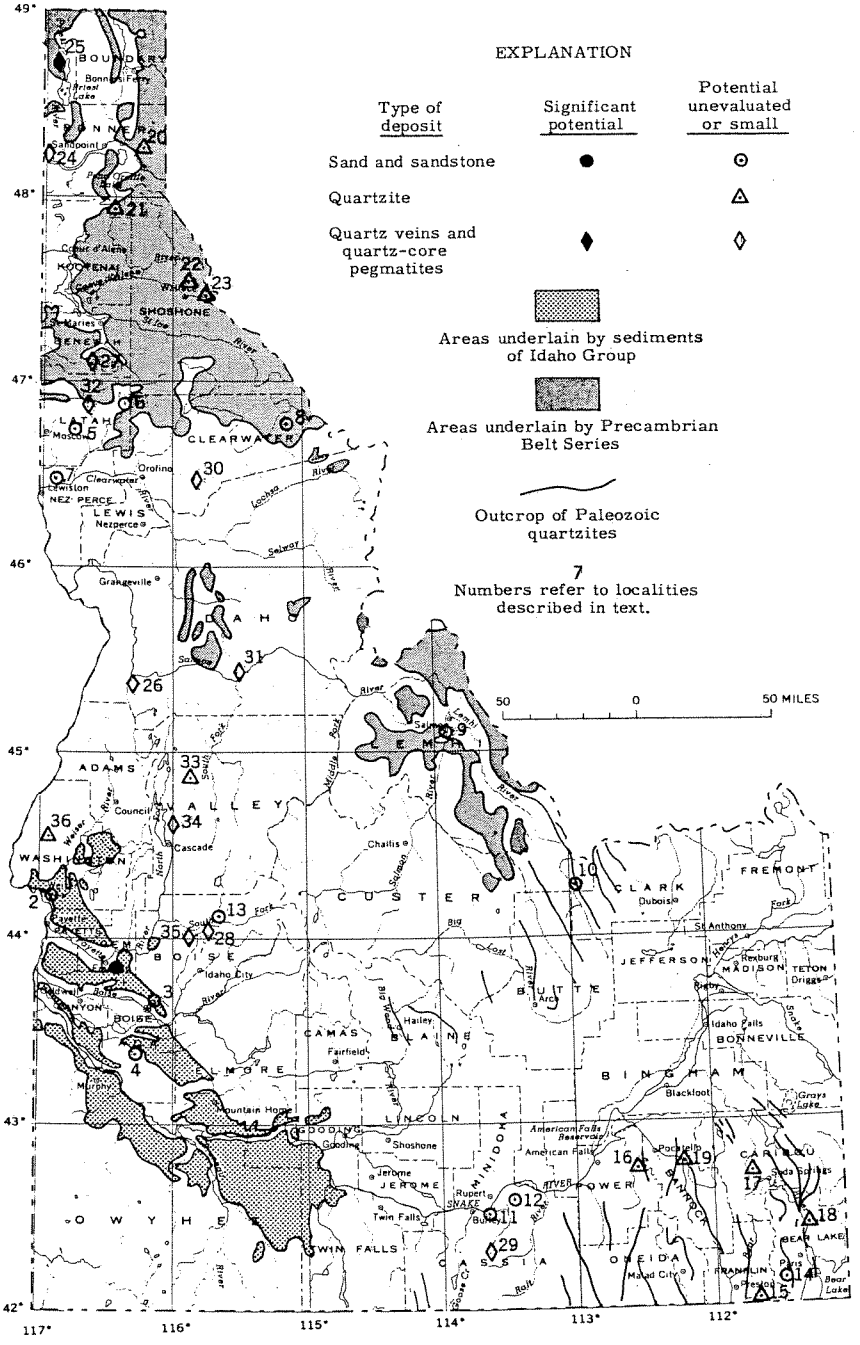


Figure 43.—Silica deposits in Idaho.

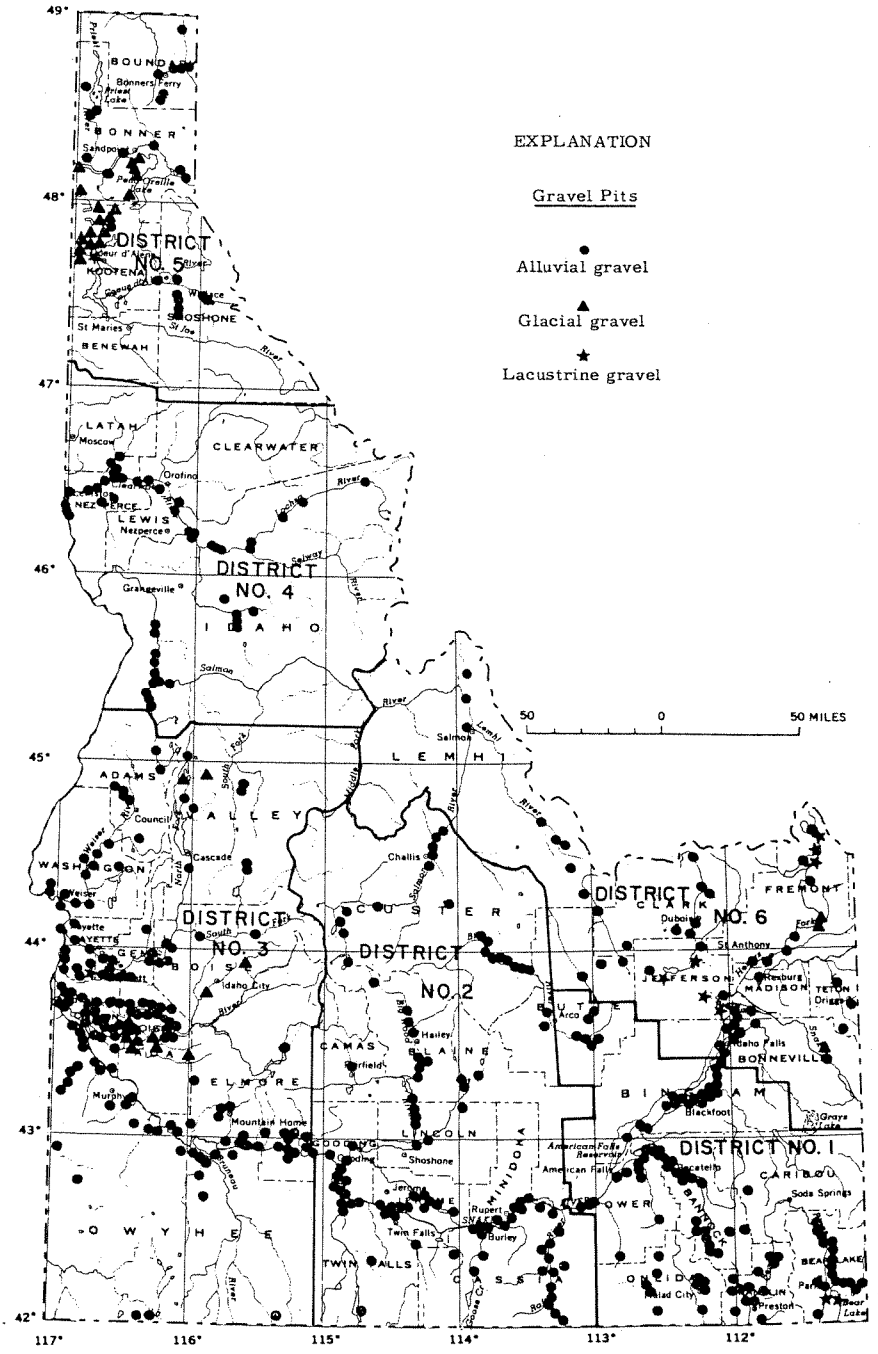


FIGURE 41.—Major sources of sand and gravel in Idaho.

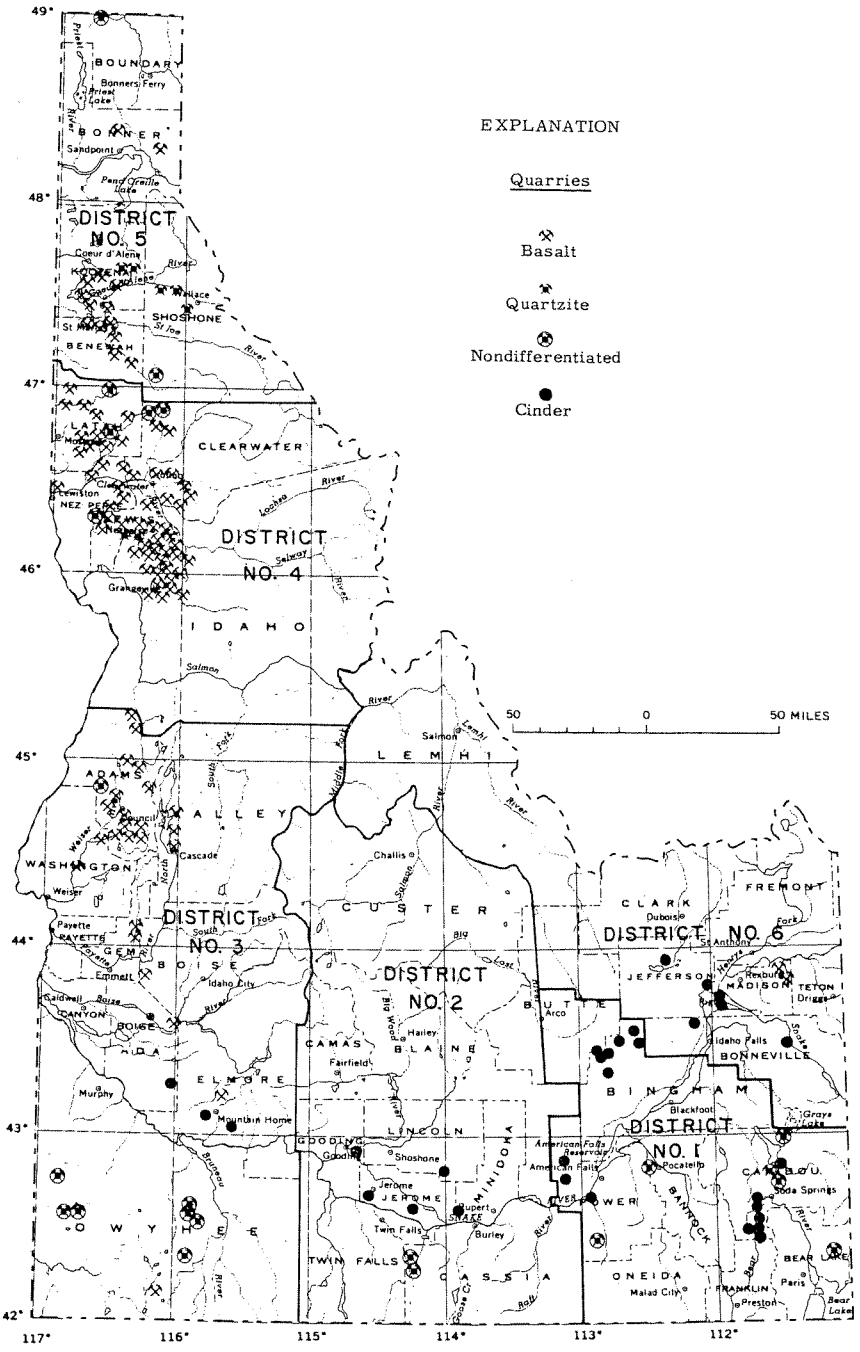


FIGURE 42.—Major quarry sites in Idaho.

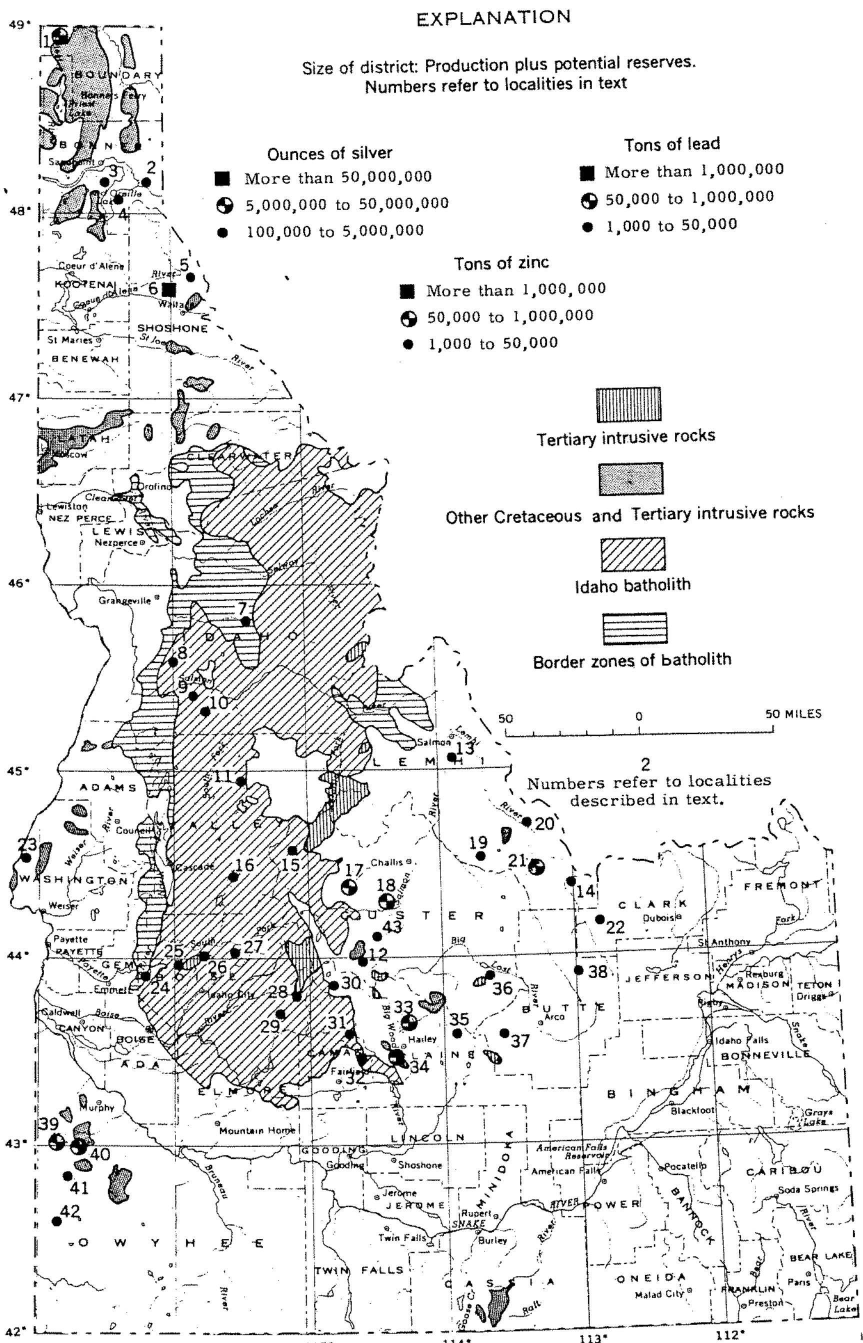


FIGURE 45.—Principal sources of silver, lead, and zinc in Idaho (numbers refer to mining districts listed in table 11).

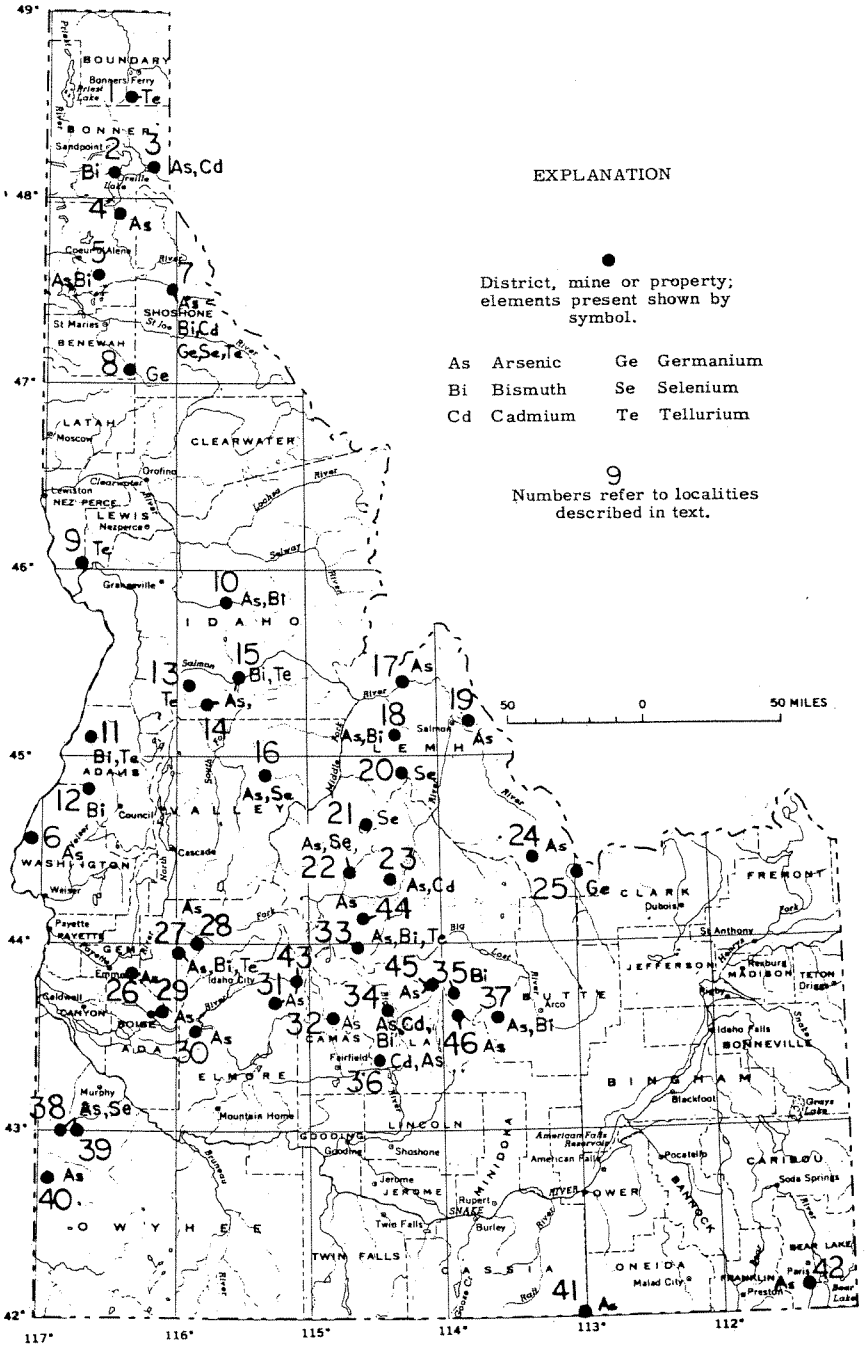


FIGURE 46.—Occurrences of ores containing arsenic, bismuth, cadmium, germanium, selenium, and tellurium in Idaho.

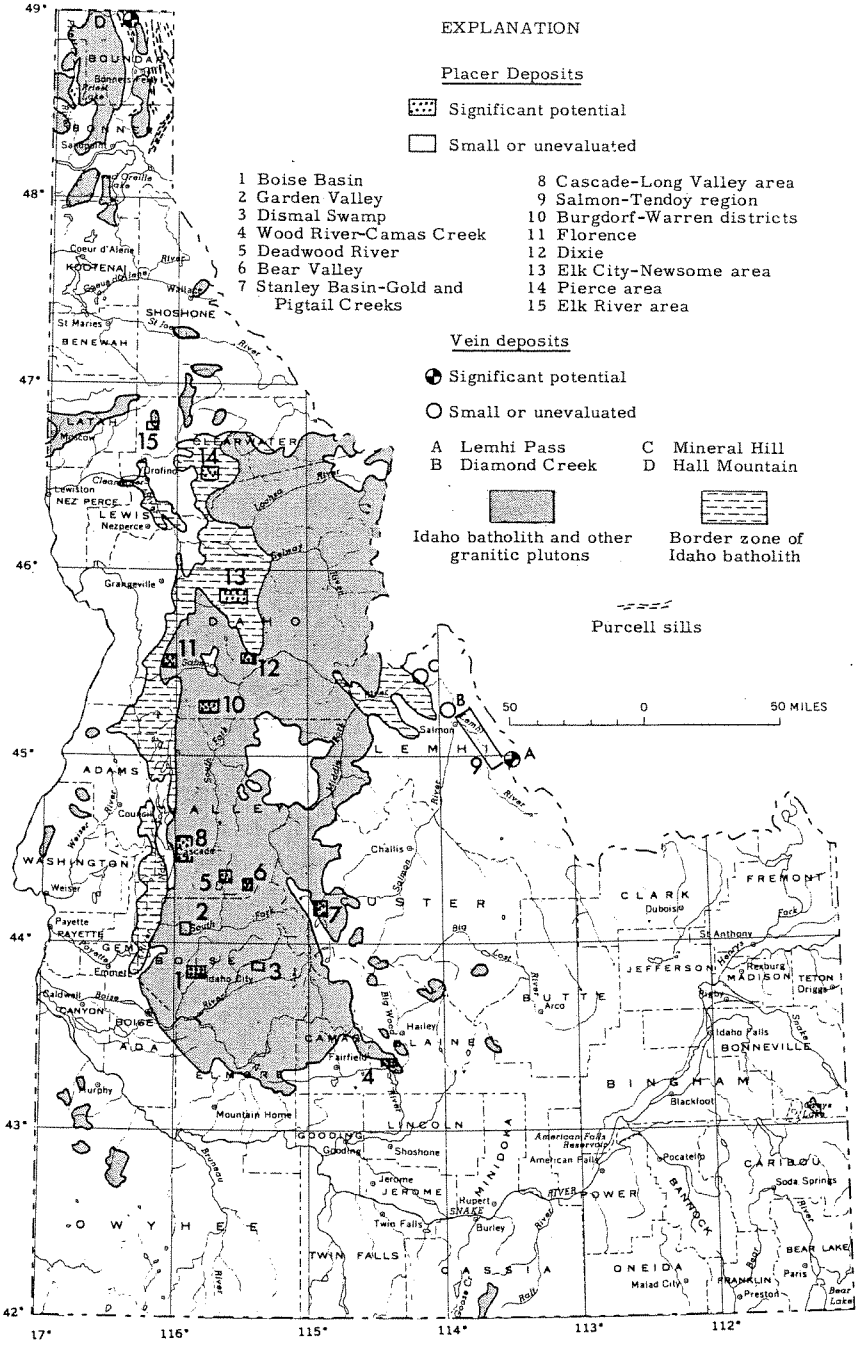


FIGURE 50.—Thorium and rare earths in Idaho.

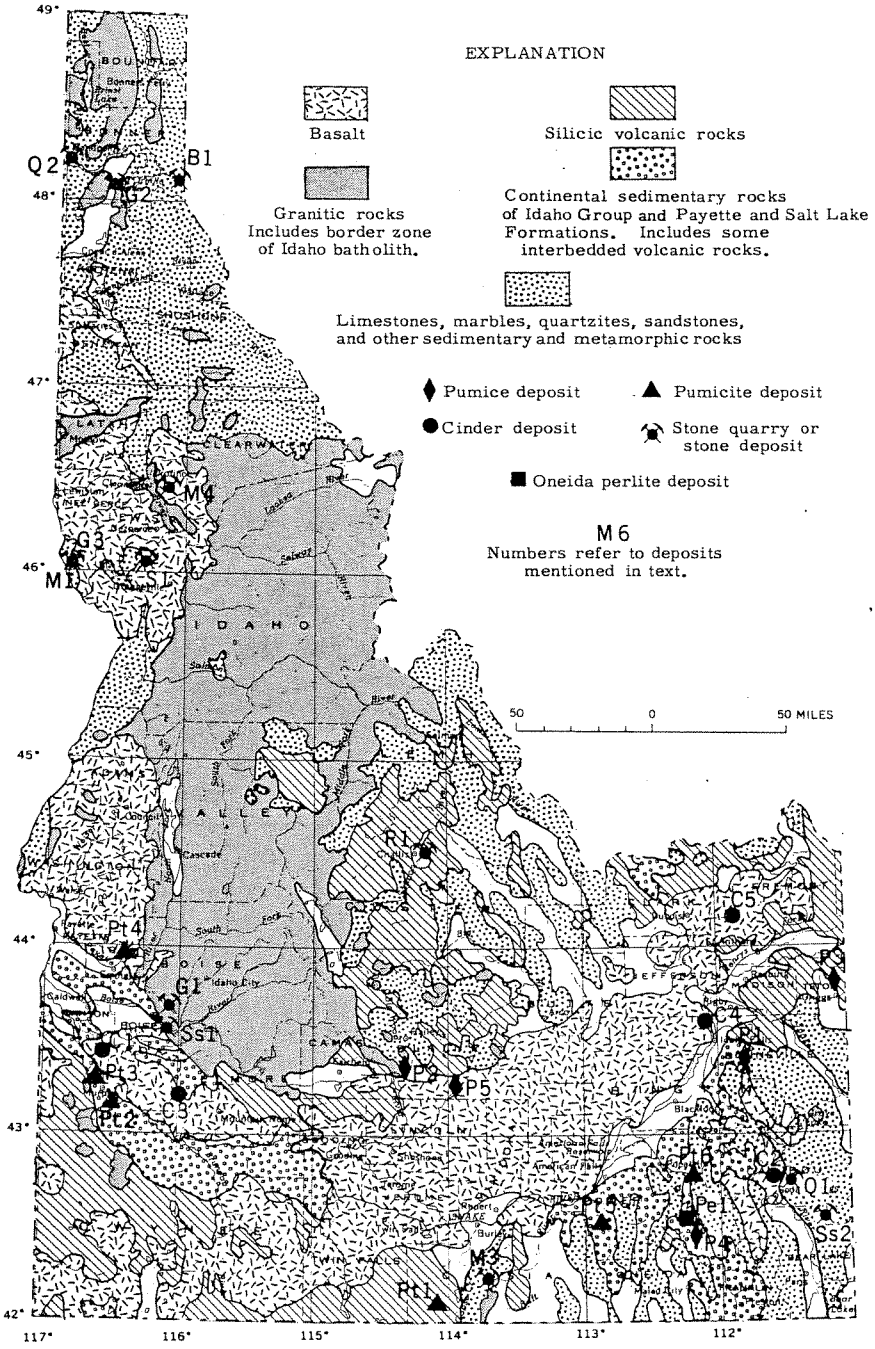


FIGURE 48.—Stone and construction materials in Idaho.

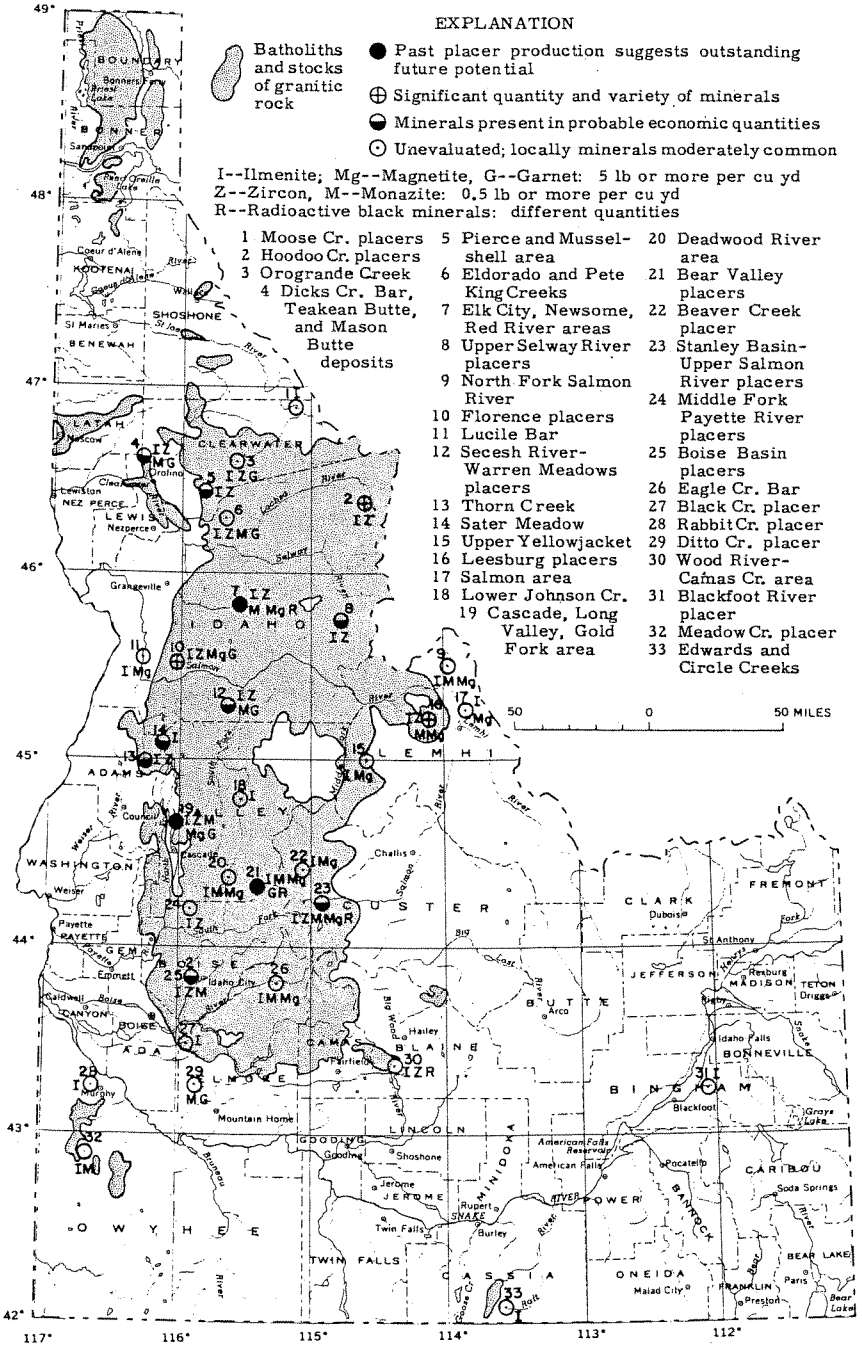


FIGURE 51.—Ilmenite, zirconium, and hafnium placer deposits in Idaho.

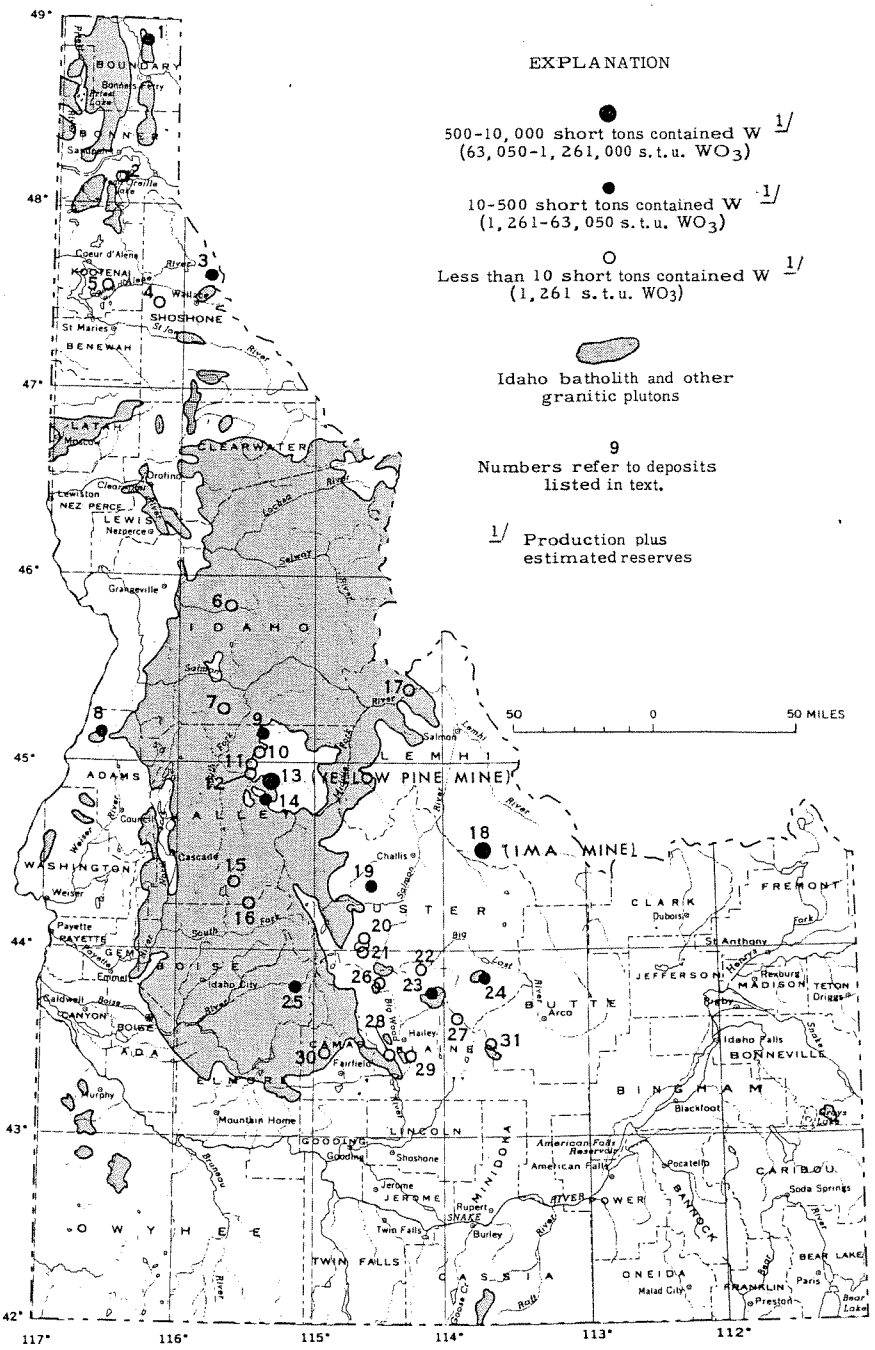
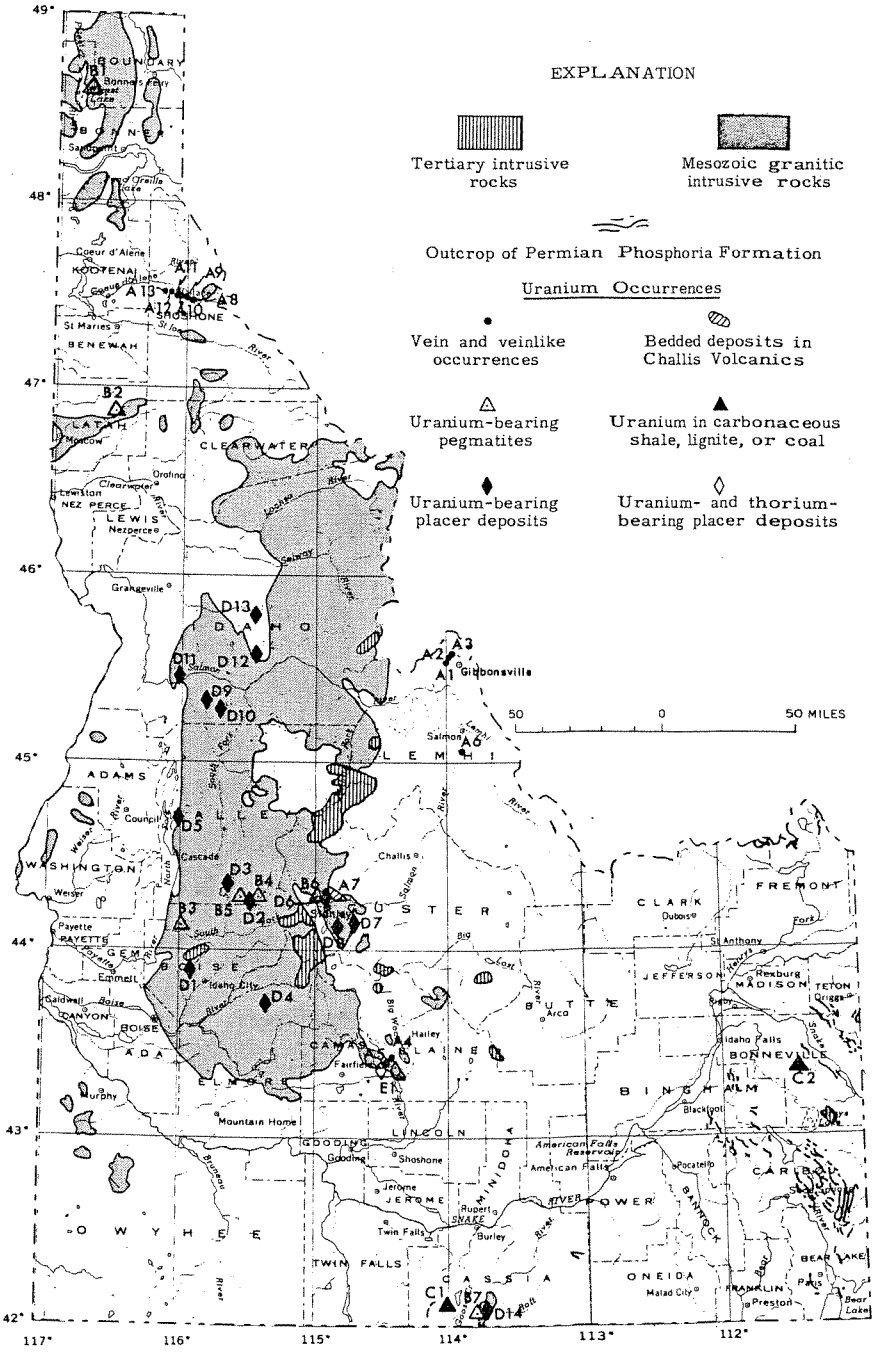


FIGURE 52.—Tungsten in Idaho (numbers referred to districts or deposits listed in table 18).


EXPLANATION
Tertiary intrusive rocks
Mesozoic granitic intrusive rocks
Outcrop of Permian Phosphoria Formation
Uranium Occurrences
Vein and veinlike occurrences
Bedded deposits in Challis Volcanics
Uranium-bearing pegmatites
Uranium in carbonaceous shale, lignite, or coal
Uranium-bearing placer deposits
Uranium- and thorium-bearing placer deposits
50 0 50 MILES
49°
48°
47°
46°
45°
44°
43°
42°
117°
116°
115°
114°
113°
112°
BOUNDARY
BONNER
KOOTENAI
SHOSHONE
BENEWAH
LATAH
CLEARWATER
NEZ PERCE
LEWIS
IDAHO
LEMHI
ADAMS
VALLEY
WASHINGTON
GEM
BOISE
PAYETTE
ADA
ELMORE
CUSTER
CANYON
BLAINE
BUTTE
CLARK
FREMONT
JEFFERSON
MADISON
TETON
BONNEVILLE
BINGHAM
LINCOLN
GOODING
MINIDOKA
JEROME
TWIN FALLS
CASSIA
POWER
BANNOCK
ONEIDA
FRANKLIN
BEAR LAKE
OWYHEE
Bonners Ferry
Sandpoint
Coeur d'Alene
St Maries
Moscow
Lewiston
Orofino
Nezperce
Grangeville
Gibbonsville
Salmon
Council
Cascade
Challis
Weiser
Payette
Emmett
Idaho City
Mountain Home
Hailey
Arco
Rexburg
St Anthony
Idaho Falls
Blackfoot
Shoshone
American Falls
Pocatello
Jerome
Twin Falls
Burley
Malad City
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