

State of Washington  
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Bulletin No. 37

# INVENTORY OF WASHINGTON MINERALS

## PART II METALLIC MINERALS

By  
MARSHALL T. HUNTTING

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Volume 1 - TEXT  
Volume 2 - MAPS

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1956

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INVENTORY OF  
WASHINGTON MINERALS

PART II

METALLIC MINERALS

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Volume 2 -- MAPS

## ILLUSTRATIONS

	<i>Page</i>
Plate 1. Antimony .....	7
2. Arsenic .....	9
3. Bismuth, cadmium, cerium, columbium-tantalum, gallium, germanium.....	11
4. Chromium .....	13
5. Cobalt, nickel .....	15
6. Copper .....	19
7. Copper—Stevens County .....	21
8. Lode gold .....	25
9. Lode gold—Stevens County.....	27
10. Placer gold .....	29
11. Iron .....	31
12. Lead .....	35
13. Lead—Pend Oreille County.....	37
14. Lead—Stevens County .....	39
15. Manganese .....	41
16. Mercury .....	43
17. Molybdenum .....	45
18. Platinum, selenium, tellurium, thorium.....	47
19. Silver .....	51
20. Silver—Stevens County .....	53
21. Tin, titanium .....	55
22. Tungsten .....	57
23. Uranium, vanadium, zirconium.....	59
24. Zinc .....	61
25. Zinc—Pend Oreille County.....	63
26. Zinc—Stevens County .....	65
27. Ore unknown .....	67

## INTRODUCTION

As in Part I of the Inventory of Washington Minerals, the data in Part II are presented in two forms—maps and text. Here in Part II, however, the maps and the text are bound in two separate volumes, so that descriptive material and corresponding map may be studied together with the least possible inconvenience to the reader.

In the text (Volume 1) the properties are described under the headings of the various metals, which are arranged alphabetically. Properties about which some information is known but in which the kind of ore is not known are grouped under a separate heading following the metals. At the end of Volume 1 is a property index in which all properties are listed alphabetically.

The maps (Volume 2) are likewise arranged alphabetically by metals, with a separate map at the end for properties whose ores are not known. However, since some metals are found in only a few known occurrences in this state, some of the maps are combined to show the occurrences of several metals, thus putting some of the metals slightly out of place alphabetically in the map sequence. For example, one map shows occurrences of bismuth, cadmium, cerium, columbium, and tantalum—the latter two being mapped together because of their very close chemical relationship and the close association in nature. Bismuth, cadmium, and cerium are shown on the same map merely for printing economy. Cobalt and nickel are shown on a single map also because of their close chemical alliance and physical association. Printing economy dictated the combining of platinum, selenium, tellurium, and thorium on one map; tin and titanium on another; and uranium, vanadium, and zirconium on another. On the other hand, lode gold and placer gold deposits are described in separate sections in the text and are shown on separate maps to better differentiate the two types of deposits.

Most metallic-mineral properties have more than one metal in their ores, and as this inventory lists all known occurrences of all the metallics in the state, the names of most of the properties appear under several headings in the report, and the properties are shown on several maps. However, each property is described in only one place—under the heading which represents what is believed to be the most important constituent of the ore.

For example, the Holden mine in Chelan County is described under copper and is shown on the copper map. It is assigned a number (40) which follows the name in the copper section of the text and is adjacent to the symbol for the mine on the copper map. (On the copper map all properties which are described under the heading "Copper" in the text are shown by a cross "+", and all properties which have some copper, but in which other metals account for the principal values, are shown by a large dot "•". Most of the other maps use these symbols with the same meanings.) However, the Holden mine also produces zinc, gold, and silver, so it is shown on each of these maps, and the name appears in its proper alphabetical position under each of these headings in the text, but following the name in each of these sections is simply a notation "(see under copper)". The number (51) assigned to the Holden mine on the gold map and in the text under gold is not the same as that given the same property under any of the other headings where it may be found, but the number given each property on any given map is the same as the number given the same property in the corresponding section in the text.

Some of the occurrences described in the text do not have a map number and are not shown on any map, because their locations are too inexactly known.

To facilitate following a numbered symbol on a map (in Volume 2) to the description (in Volume 1) of the property represented by the symbol, a finding list (numerically arranged) relating number to property name is on the page facing each map.

The scale of the state maps is such that they can be regarded as index maps only. Locations of the properties are given as precisely as possible in the text, but because of the small map scale, the detail is not as great as it would be on larger scale maps. In order to show the location of all the occurrences in some areas it is necessary to allow a single symbol to represent several closely spaced properties. Even this device leaves some of the small-scale state maps so cluttered with symbols in some areas that there is insufficient room for the identifying numbers. Where this is true, special larger scale county maps are used. These are the maps for copper, gold, lead, silver, and zinc for Stevens County, and for lead and zinc for Pend Oreille County.

## ANTIMONY OCCURRENCES

(Numbers correspond to those on map and those following property names under antimony in volume 1.)

### CHELAN COUNTY

1. Marcus Stein
- 1A. Sevenmile Creek
2. Little Jap
3. Sunday Morning
4. Hunter
5. Orphan Boy
6. Keefer Brothers
7. Van Epps
8. Silver Fiend
9. Peshastin
10. Caledonia

### CLALLAM COUNTY

1. Bright Angel

### FERRY COUNTY

1. Comstock
2. Pin Money
3. Kohler
4. Gwin
5. Silver Leaf
6. Black Hawk
7. Colorado
8. Stray Dog
9. Juliet
10. Montana
11. Rosario
12. Meteor
13. New York
14. Keystone
15. Advance
16. Longstreet
17. Old Neil
18. Perry
19. Robert E. Lee
20. Summit
21. Silver Crown  
No. 1
22. Polepick

### KING COUNTY

1. Salmon Creek
2. Gold Mountain
3. Kimball
4. Great Republic
5. Mohawk
6. Last Chance
7. Coney Basin
8. Lennox
9. Bear Basin
10. Cleopatra
11. Dawson
12. Silver Star
13. Aces Up
14. Grand Central
15. Dutch Miller

### KITTITAS COUNTY

1. Goat Mountain

### LEWIS COUNTY

1. Reeves
2. Jug Lake

### OKANOGAN COUNTY

1. Billy Goat
2. Swayne

3. Ruby
4. Horn Silver
5. Rich Bar
6. Bellevue
7. Ivanhoe
8. Buckeye
9. Lucky Knock
10. Carlquist
11. Olentangy
12. Whitestone
13. Hardscrabble
14. Mineral Hill
15. Minnehaha
16. Salmon River
17. Silver King
18. Chief Sunshine
19. Leuena
20. Lone Star
21. Frankie Boy
22. Peacock
23. First Thought
24. Last Chance
25. Leonora
26. Nevada
27. Sonny Boy
28. Arlington
29. Fourth of July
30. Plant-Callahan
31. Bales
32. Stibnite
33. Coyote
34. Antimony Queen
35. Jumbo
36. Healum
37. Antimony Bell
38. Summit
39. Castle Creek
40. Mountain Boy
41. Wasco
42. Hercules
43. Ramore
44. Andy O'Neil
45. Lilman
46. Little Chief
47. Par Value
48. Apache
49. Panama

### PEND OREILLE COUNTY

1. Uncas
2. Oriole
3. La Sota
4. Pinnet
5. Lena Belle

### SKAGIT COUNTY

1. Lawrence

### SNOHOMISH COUNTY

1. Feldt
2. Gray Mare
3. Gold Mountain
4. Myrtle C.
5. New Seattle
6. Monitor and  
Sterling

7. Bonanza Queen
8. Eureka
9. Everett
10. Big Four
11. "45"
12. Hard Pass
13. Jasperson
14. Foggy
15. Whistler
16. Monte Cristo

### STEVENS COUNTY

1. Easter Sunday
2. Pomeroy
3. Providence
4. Mountain View
5. Sunset
6. Melrose
7. Copper King
8. Anaconda
9. Lucile
10. Myeeroh
11. United Treasure
12. Frisco Standard
13. Keough
14. Wall Street
15. Tile Creek
16. Joe Day
17. Galena Farm
18. Young America
19. Gold Bar
20. Columbia River
21. Vanasse
22. Longshot
23. Middleport
24. Ark
25. Acme
26. Aquila
27. Daisy-Tempest
28. Copper Queen
29. Jay Dee
30. Chinto
31. United Copper
32. Eagle
33. Jay Gould
34. Mullen
35. Schrenberg
36. Krug
37. Liberty Copper
38. Nevada
39. Edna
40. Loon Lake Copper
41. Wells Fargo
42. Cleveland
43. Deer Trail
44. Hoodoo
45. Little Frank
46. Saturday Night-  
Sunday Morning
47. Brooks
48. Orzada

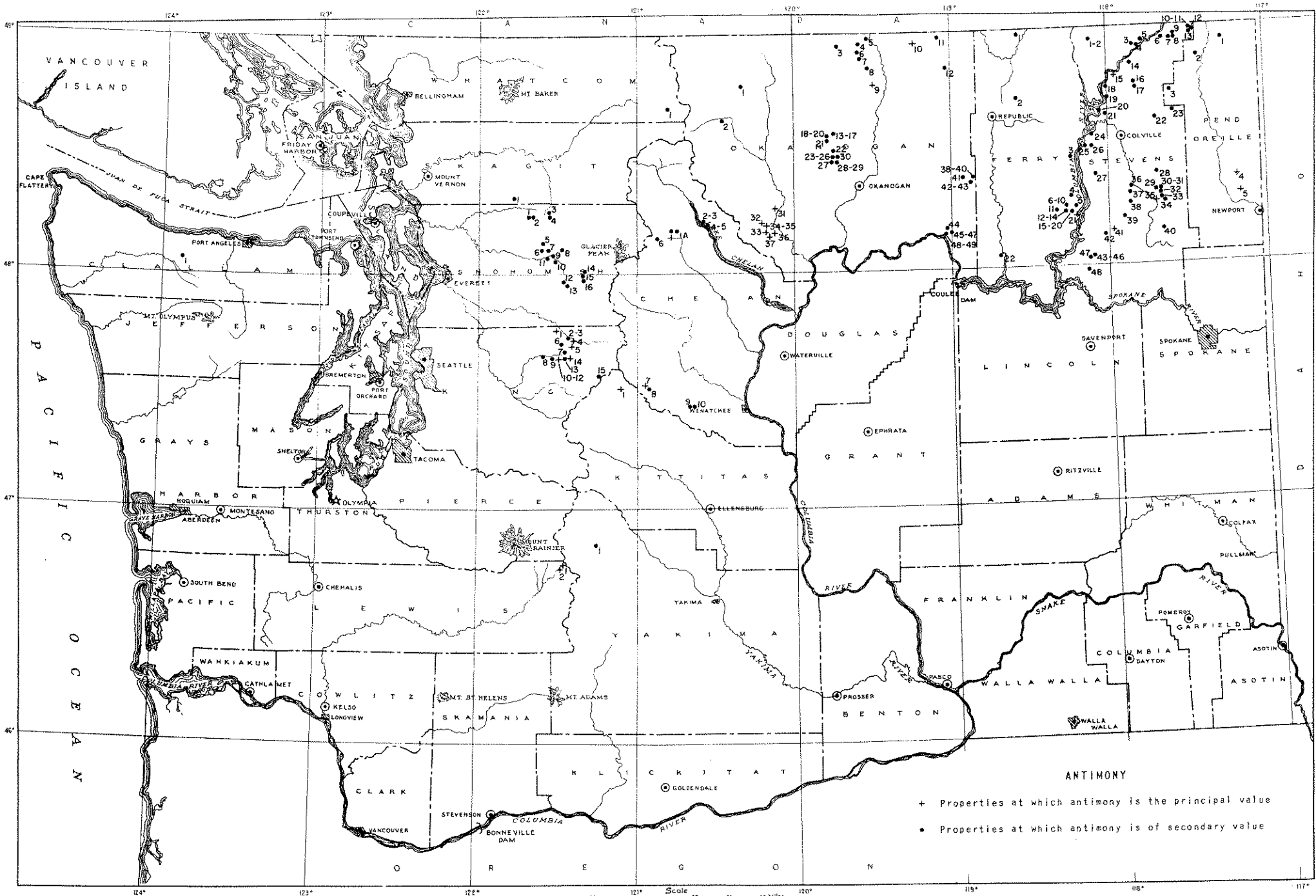
### WHATCOM COUNTY

1. Gold Hill

### YAKIMA COUNTY

1. Richmond

**PLATE 1**  
**ANTIMONY**



VANCOUVER ISLAND

CAPE FLATTER  
JUAN DE FUCA STRAIT

PACIFIC OCEAN

FRIDAY HARBOR  
MOUNT BAKER  
BELLINGHAM  
MOUNT VERNON  
SKAGIT  
COQUILLE  
PORT TOWNSEND  
PORT ANGELES  
EVERETT  
SEATTLE  
PREMERTON  
PORT ORCHARD  
TACOMA  
MOUNT RAINIER  
YAKIMA  
MOUNT ST. HELENS  
MOUNT ADAMS  
COLUMBIA DAM  
BONNEVILLE DAM  
VANCOUVER

OXANOGAN  
WATERVILLE  
WENATCHEE  
ELLENSBURG  
YAKIMA  
PROSSER  
GOLDENDALE

REPUBLIC  
COLVILLE  
STEVENS  
DAVENPORT  
SPOKANE  
RITZVILLE  
ADAMS  
WHITMAN  
COLFAX  
PULLMAN  
GARFIELD  
POMEROY  
DAYTON  
ASOTIN  
WALLA WALLA  
WALLA

18-20, 21, 22, 23-26, 27, 28-29, 31, 32, 33, 34, 35, 36, 37, 38-40, 41, 42-43, 44, 45-47, 48-49, 6-10, 11, 12-14, 15-20, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49

## ARSENIC OCCURRENCES

(Numbers correspond to those on map and those following property names under arsenic in volume 1.)

### CHELAN COUNTY

1. Quien Sabe
2. Clagstone
3. Doubtful
4. Moscow
5. King Solomon
6. Blue Jay
7. Bismark
8. Orphan Boy
9. Red Cap
10. Red Hill
11. Red Mountain
12. Van Epps
13. Alta Vista
14. Cuiver
15. North Star
16. Olympia
17. Peshastin
18. Phipps
19. Sandell
20. Black Jack
21. Black and White

### FERRY COUNTY

1. Pin Money
2. Kentucky Belle
3. Blue Horse
4. Blue Jacket
5. Juno
6. Silver Tip
7. Gwin
8. Stray Dog
9. Juliet
10. Meteor
11. New York
12. Big Chief
13. Robert E. Lee
14. U. S.
15. Colorado
16. Rover Bonanza

### KING COUNTY

1. Damon and Pythias
2. Apex
3. Last Chance
4. Bergeson
5. Extra
6. Mono
7. Coney Basin
8. Dawson
9. Seattle-Cascade
10. Aces Up
11. Cleopatra
12. Bear Basin
13. Dutch Miller
14. Monte Carlo
15. Mount Phelps
16. Lennox
17. Goat Mountain
18. Fathers Day
19. Red Crystal
20. Black Diamond
21. Green River

### KITSAP COUNTY

1. Chico

### KITTITAS COUNTY

1. Aurora
2. Edna R.
3. Maud O.
4. Bob Canson
5. Little Kachess Lake

### LEWIS COUNTY

1. Mineral Creek
2. Eagle Peak
3. Paradise

### OKANOGAN COUNTY

1. Golden Zone
2. Ruby
3. Saint
4. Horn Silver
5. Bellevue
6. Rainbow
7. Copper World
8. Copper World Extension
9. Carlquist
10. Olentangy
11. Reco
12. Chesaw
13. Crystal Butte
14. Mother Lode
15. Starr
16. Homestake
17. Salmon River
18. Sherman
19. Imperial
20. Montana
21. Rosalind
22. Gold Key
23. Mazama Pride
24. Abernathy
25. Iron Cap and Snow Cap
26. Mid Range
27. Heath
28. Rattlesnake
29. Red Shirt
- 29A. Black Rock
30. Antimony Queen
31. Silver Ledge
32. Bolinger
33. Friday

### PEND OREILLE COUNTY

1. Blue Jim
2. Alger and McCullough
3. Bead Lake
4. Kootenai Conquest
5. Snowbird and Stanley

### PIERCE COUNTY

1. Clipper
2. Silver Creek

### SKAGIT COUNTY

1. Alverson
2. Clear Lake
3. Nookachamps Creek
4. Cultus Mountain
5. Lawrence
6. Alta
7. Boston
8. Chicago

### SKAMANIA COUNTY

1. Commonwealth
2. Perry

### SNOHOMISH COUNTY

1. Feldt
2. Sunrise
3. Pelican
4. Queen Anne
5. Forest-Chickamun
6. Sam Strom
7. White Gander
8. Bullet
9. Lucky Strike
10. Bonanza Queen
11. Lily James
12. Nemo
13. Cleveland
14. Copper Independent
15. Eclipse
16. Granite and Maud
17. Imperial
18. Lulu
19. New York
20. Ore Recoveries
21. Virginia
22. Winter Coon
23. "45"
24. Big Four
25. Milwaukee
26. Silver Horseshoe
27. Ala-Dickson
28. Little Chief
29. "48-55"
30. Mountain Cedar
31. Border Queen
32. Calumet
33. Eldred
34. Hustler
35. Glory of the Mountain
36. Blue Rock
37. Lily of the West
38. Sunset
39. Union
40. Foggy
41. O and B
42. Edison
43. Gold Eagle

44. Lida
45. Mineral Center
46. Mineral Mountain
47. National
48. Wild Rose
49. Argonaut and Typo
50. Cassidy
51. Justice
52. Monte Cristo
53. Peabody
54. Philo
55. Rainy
56. Great Scott
57. Daisy
58. Mackinaw
59. Sultan King
60. Copper Chief
61. Engdahl
62. Jasperson
63. Jim Dandy
64. Martin Engdahl
65. Ruby King
66. Silver Slipper
67. Westland
68. Index Gold Mines, Inc.
69. Iron Clad
70. Texas
71. Reiter

### STEVENS COUNTY

1. White Horse
2. Centennial
3. Gold Bar
4. Acme
5. Daisy-Tempest
6. Chewelah Consolidated
7. Chinto
8. United Copper
9. Juno Echo
10. Windfall
11. Edna
12. Cleveland
13. Chloride
14. Togo
15. Germania
16. Orazado

### WHATCOM COUNTY

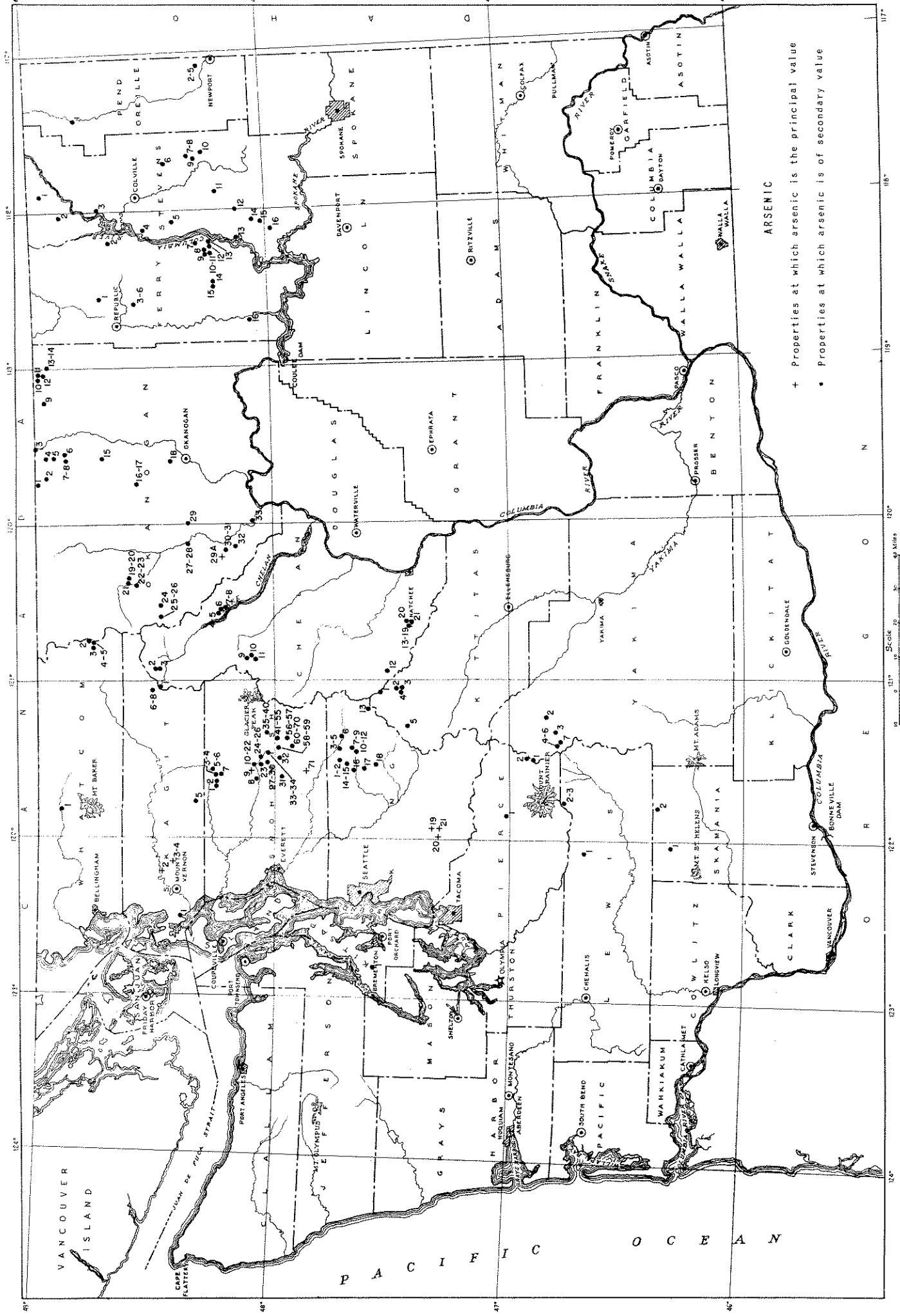
1. Great Excelsior
2. Chancellor
3. Mammoth
4. Allen Basin
5. Tacoma

### YAKIMA COUNTY

1. Chinook
2. Richmond
3. Keystone
4. Bird
5. Copper Mining Co.
6. Garibaldi
7. New Find



**PLATE 2**  
**ARSENIC**



ARSENIC  
+ Properties at which arsenic is the principal value  
\* Properties at which arsenic is of secondary value



**BISMUTH OCCURRENCES**

(Numbers correspond to those on map and those following property names under bismuth in volume 1.)

**CHELAN COUNTY**

1. Keefer Brothers

**FERRY COUNTY**

1. Talisman

**GRANT COUNTY**

1. Black-Rosauer

**OKANOGAN COUNTY**

1. Wolframite
2. Mountain Beaver
3. Key

**SNOHOMISH COUNTY**

1. Lucky Strike
2. Silver Coin

**STEVENS COUNTY**

1. Melrose
2. Cannon
3. Tungsten King
4. S. L.
5. Germania

**CADMIUM OCCURRENCES**

(Numbers correspond to those on map and those following property names under cadmium in volume 1.)

**FERRY COUNTY**

1. Talisman

**PEND OREILLE COUNTY**

1. Josephine
2. Grandview
3. Bella May

**STEVENS COUNTY**

1. Lucile
2. Admiral Consolidated
3. Silver Trail
4. Morning
5. Longshot

**CERIUM OCCURRENCES**

(Numbers correspond to those on map and those following property names under cerium in volume 1.)

**FERRY COUNTY**

1. Wilmont Bar Placer
2. Sherman Creek Pass

**GRAYS HARBOR COUNTY**

1. Moclips Placer

**OKANOGAN COUNTY**

1. Happy Hill

**PEND OREILLE COUNTY**

1. Dry Canyon

**COLUMBIUM-TANTALUM OCCURRENCES**

(Numbers correspond to those on map and those following property names under columbium-tantalum in volume 1.)

**OKANOGAN COUNTY**

1. Horseshoe Basin

**STEVENS COUNTY**

1. Cannon

**GALLIUM OCCURRENCES**

(Numbers correspond to those on map and those following property names under gallium in volume 1.)

**CHELAN COUNTY**

1. Entiat
2. Lovejoy

**FERRY COUNTY**

1. Aavestrud

**KING COUNTY**

1. Pruffer

**PEND OREILLE COUNTY**

1. Pend Oreille Mines & Metals Co.
2. O. K.

**STEVENS COUNTY**

1. Lucile
2. Advance
3. Black Rock
4. Farmer
5. New England
6. Old Dominion

**GERMANIUM OCCURRENCES**

(Numbers correspond to those on map and those following property names under germanium in volume 1.)

**PEND OREILLE COUNTY**

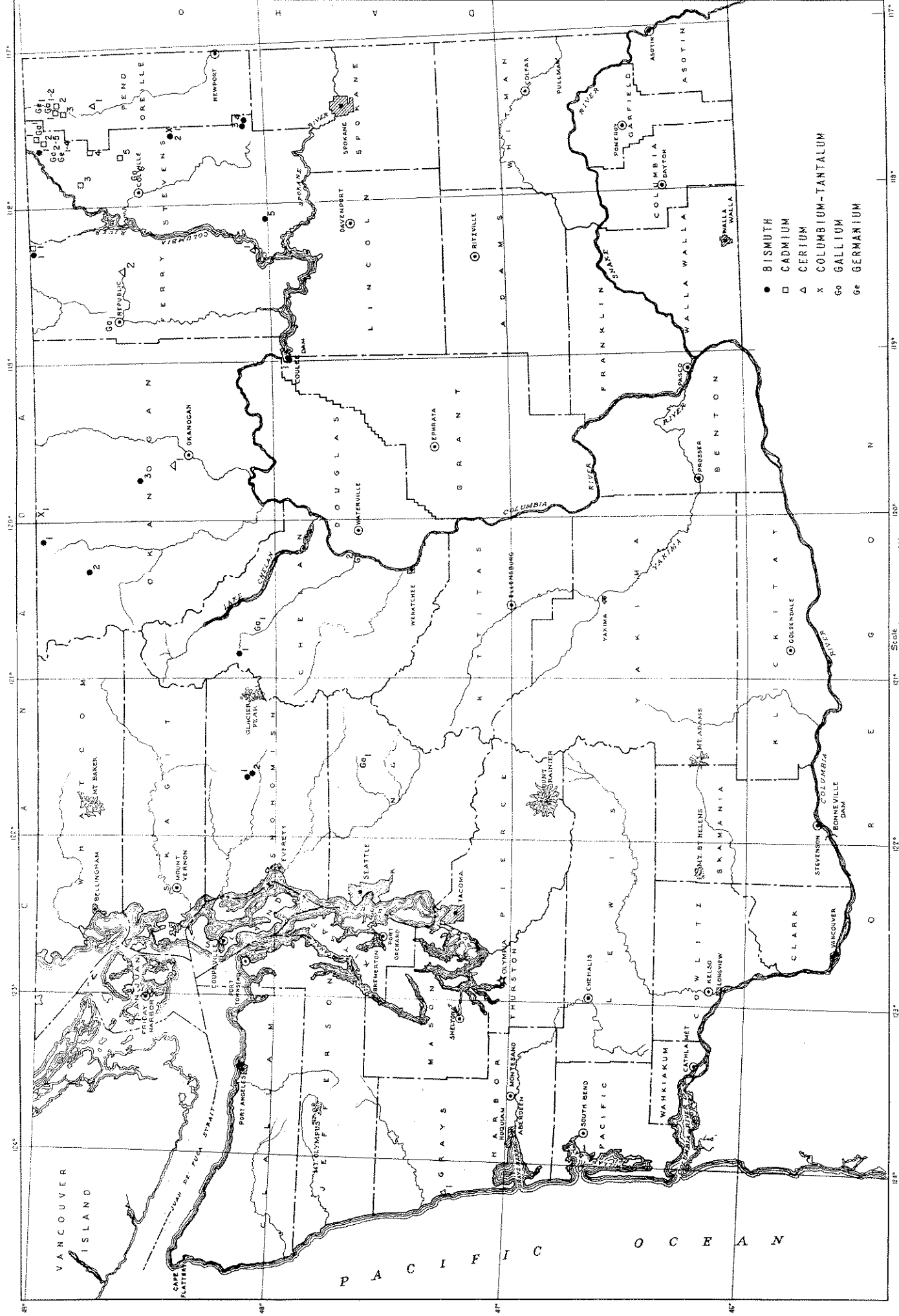
1. Pend Oreille Mines & Metals Co.

**STEVENS COUNTY**

1. Advance
2. Black Rock
3. Farmer
4. New England

## PLATE 3

BISMUTH  
CADMIUM  
CERIUM  
COLUMBIUM—  
TANTALUM  
GALLIUM  
GERMANIUM



- BISMUTH
- CADMIUM
- △ CERIUM
- × COLUMBITUM-TANTALUM
- Go GALLIUM
- Ge GERMANIUM

Scale 1:50,000  
 0 10 20 Miles  
 0 10 20 Kilometers

**CHROMIUM OCCURRENCES**

(Numbers correspond to those on map and those following property names under chromium in volume 1.)

**CHELAN COUNTY**

1. Hard Cash
2. Nigger Creek
3. Nigger Creek  
(Davenport)
4. Lucky Queen
5. Blewett

**CLALLAM COUNTY**

1. Cedar Creek Placer

**FERRY COUNTY**

1. Danville
2. Gemini
3. Keller

**KING COUNTY**

1. Baring

**KITTITAS COUNTY**

1. Cle Elum River,  
north deposit
2. Boulder Creek
3. Denney
4. Cle Elum River,  
south deposit
5. Mount Hawkins
6. Iron Peak
7. Teanaway
8. Bean Creek
9. Standup Creek
10. Stafford Creek
11. Red Rock

**OKANOGAN COUNTY**

1. Chopaka
2. Little Chopaka
3. Peerless
4. Worthington
5. Blackbird
6. Dorian
7. Brown Lake
8. Johnson Creek
9. Jumbo
10. Stepstone
11. Mohawk

**SKAGIT COUNTY**

1. Cypress Lake
2. Last Chance
3. Nellie Kelly
4. Ready Cash
5. Smith
6. Smith open cut
7. Olivine Hill
8. Anacortes
9. Mount Vernon
10. Cultus Mountain
11. Bellingham
12. Leader
13. Meadow
14. Three Lakes
15. McMaster

**SNOHOMISH COUNTY**

1. Mountain Cedar
2. Florence Rae

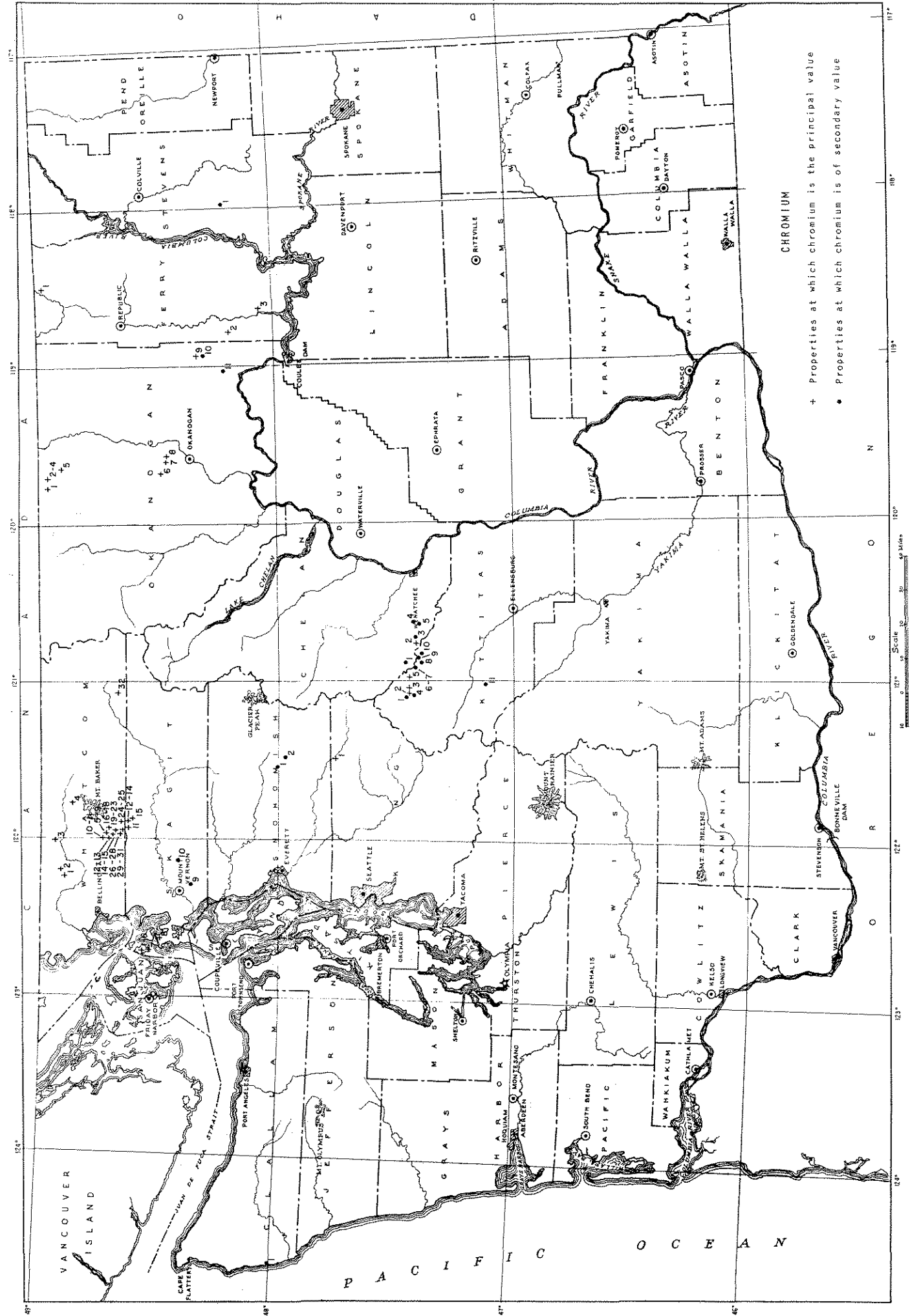
**STEVENS COUNTY**

1. Mally

**WHATCOM COUNTY**

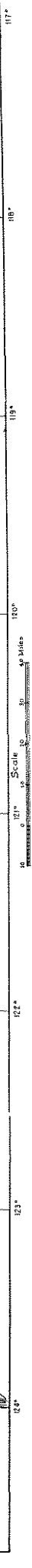
1. Nooksack
2. Sumas Mountain
3. Boulder Creek
4. Wells Creek
5. Pinochle
6. M & M
7. One Thousand Aces
8. Lone Pine
9. Eight Hundred Kings
10. Harrington
11. King
12. Thunder Mountain
13. Trappers Pride
14. Bumper
15. Ranger
16. Ribbon
17. Galbraith
18. Hildebrand
19. Opportunity
20. Good Hope
21. Danny
22. Last Notch
23. Whistler
24. E. N. H.
25. Hornet
26. Lambert
27. Government
28. Bates and Kramer
29. Sumner
30. Second Basin
31. Alaska
32. Diablo

**PLATE 4**  
**CHROMIUM**



**CHROMIUM**

+ Properties at which chromium is the principal value  
 \* Properties at which chromium is of secondary value





## COBALT AND NICKEL OCCURRENCES

(Numbers correspond to those on map and those following property names under cobalt and nickel in volume 1.)

### CHELAN COUNTY

1. King Solomon
2. Blue Jay
3. Holden
- 3A. Sevenmile Creek
4. Keefer Brothers
5. Goman
6. Dick
7. Van Epps
8. Hardcash
9. Shoshone
10. Rainier
11. North Pole
12. Meridian
13. P. P. Nickel
14. Velma
15. War Eagle
16. Ontario
17. New York
18. Monarch
19. Red Butte
20. Garnierite
21. Peshastin Creek
22. Stephens
23. Peshastin
24. Blewett
25. Gordon
26. Nigger Creek

### CLARK COUNTY

1. Silver Star

### FERRY COUNTY

1. Pin Money
2. Sherman Creek
3. McJunkin
4. Congress
5. Shamrock

### KITTITAS COUNTY

1. Cle Elum River, north deposit
2. Blue Bonnet
3. Teanaway
4. Cle Elum River, south deposit

5. Denney
6. Keystone
7. Dolphin
8. Grandview
9. Iron Peak
10. Teanaway
11. Bean Creek
12. Stafford Creek
13. Red Rock

### LEWIS COUNTY

1. Eagle Peak
2. Summit Creek

### MASON COUNTY

1. Black and White

### OKANOGAN COUNTY

1. Pthomigan
2. Wolverine
3. Brown Lake
4. Johnson Creek
5. Malott
6. Alta Lake
7. Section Twelve
8. Idell
9. Jumbo
10. Stepstone
11. Lilman

### PEND OREILLE COUNTY

1. Grandview
2. Sterling
3. La Sota

### SKAGIT COUNTY

1. La Conner
2. Alverson
3. Mt. Josephine
4. George Scott
5. Powell Creek
6. Scott
7. Clear Lake

8. Stephens
9. Cultus Mountain
10. Nookachamps Creek
11. Walker Valley
12. Mount Vernon
13. Cavanaugh Lake
14. Finney Creek
15. Bingham
16. Alvard
17. McMyrl-Wilson
18. Jordan Creek

### SNOHOMISH COUNTY

1. Blue Bird
2. Feldt
3. Asbestos
4. Granite Falls
5. Anderson
6. Little Chief
7. Big Copper
8. Mackinaw
9. Mountain Cedar
10. Florence Rae
11. Hancock
12. Wild Rose
13. Non Pareil

### STEVENS COUNTY

1. Wall Street
2. New England
- 2A. A. Anderson
3. Maki
4. Mullen
5. Marcus
6. Morning Star
7. Daisy-Tempest
8. Windfall

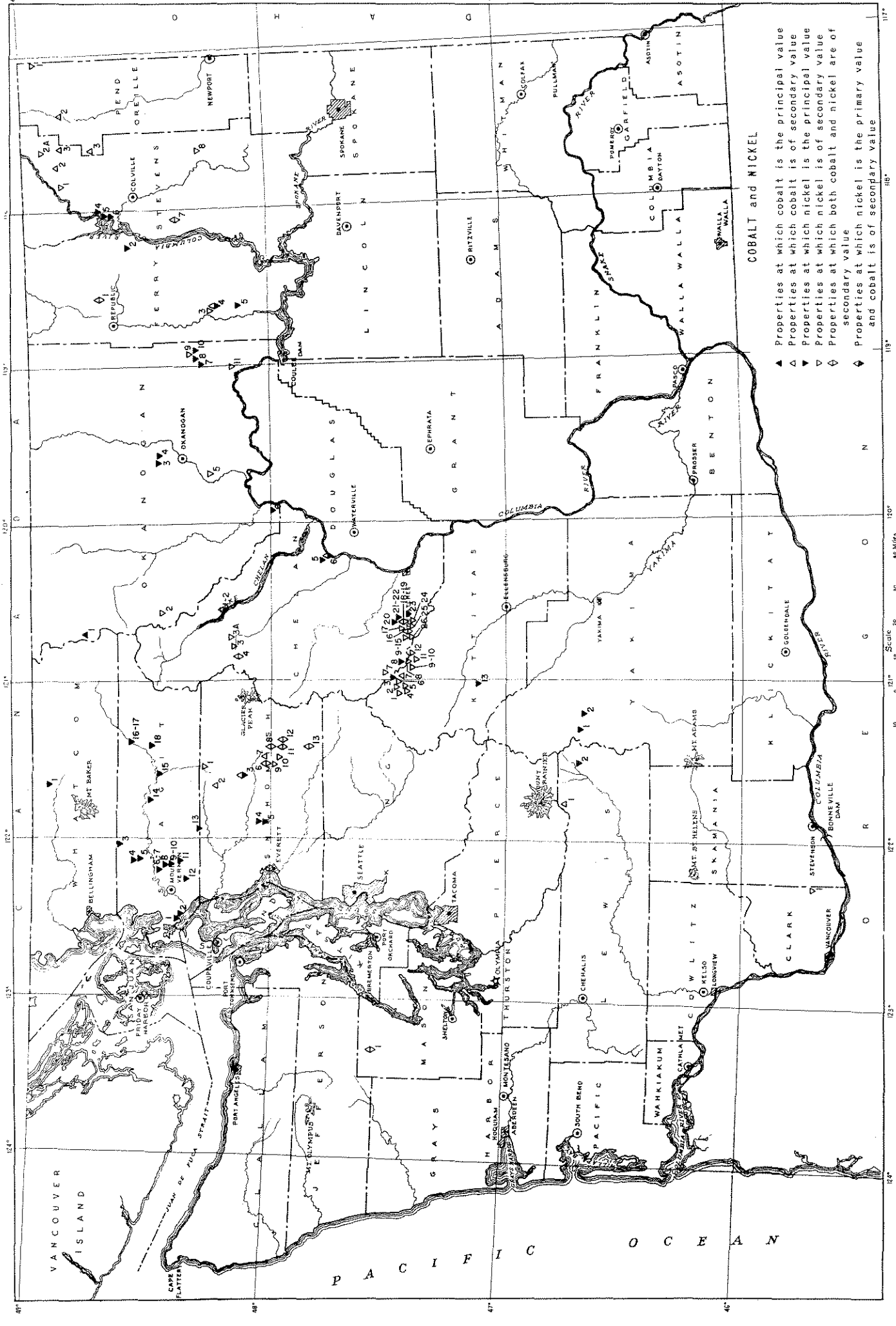
### WHATCOM COUNTY

1. Yellow Aster

### YAKIMA COUNTY

1. Indian Creek
2. Wildcat Creek

**PLATE 5  
COBALT  
NICKEL**



**COBALT and NICKEL**

- ▲ Properties at which cobalt is the principal value
- △ Properties at which cobalt is of secondary value
- ▼ Properties at which nickel is the principal value
- ▽ Properties at which nickel is of secondary value
- ◇ Properties at which both cobalt and nickel are of secondary value
- Properties at which nickel is the primary value and cobalt is of secondary value

Scale 1:50,000  
 1" = 2.5 Miles  
 10" = 25 Miles  
 120° 123° 124° 125° 126° 127° 128° 129° 130°  
 47° 48° 49° 50° 51° 52° 53° 54° 55° 56° 57° 58° 59° 60° 61° 62° 63° 64° 65° 66° 67° 68° 69° 70° 71° 72° 73° 74° 75° 76° 77° 78° 79° 80° 81° 82° 83° 84° 85° 86° 87° 88° 89° 90° 91° 92° 93° 94° 95° 96° 97° 98° 99° 100° 101° 102° 103° 104° 105° 106° 107° 108° 109° 110° 111° 112° 113° 114° 115° 116° 117° 118° 119° 120° 121° 122° 123° 124° 125° 126° 127° 128° 129° 130° 131° 132° 133° 134° 135° 136° 137° 138° 139° 140° 141° 142° 143° 144° 145° 146° 147° 148° 149° 150° 151° 152° 153° 154° 155° 156° 157° 158° 159° 160° 161° 162° 163° 164° 165° 166° 167° 168° 169° 170° 171° 172° 173° 174° 175° 176° 177° 178° 179° 180°

## COPPER OCCURRENCES

(Numbers correspond to those on map and those following property names under copper in volume 1.)

**CHELAN COUNTY**

1. Defender
2. Minneapolis
3. Tiger
4. Davenport
5. Galena
6. Texas Jack
7. Logan
8. Marlin
9. Black Warrior
10. Horseshoe Basin
11. Spokane Boy and Girl
12. Twin Falls
13. Doubtful
14. Falls
15. Quien Sabe
16. Rouse
17. Flamingo
18. Lottie S.
19. Lake Shyall
20. Blankenship
21. King Solomon
22. Moscow
23. Nebraska
24. Little Jap
25. Meadow Creek Strike
26. Phyllis
27. Arizona
28. Blue Jay
29. Canada
30. Grace
31. Idaho
32. Bismarck
33. Blue Jay Extension
34. Gem
35. Hunter
36. Silver King
37. Robischaud
38. Crown Point
39. Silver Trail
40. Holden
41. Keefer Brothers
42. Bryan
43. Red Cap
44. Red Hill
45. Red Mountain
46. Hidden Treasure
47. Dick
48. Pickwick
49. Silver Fiend
50. Grand View
51. Velma
52. Meridian
53. North Pole
54. Ontario
55. Blinn
56. Eagle and Iowa
57. Rainier
58. New York
59. Hummingbird
60. Olympia
61. Peshastin
62. Phipps
63. Wilder
64. Caledonia
65. Sunset
66. Black and White
67. Golden Wedge

**CLALLAM COUNTY**

1. Kathryn
2. Crescent
3. Angeles Star

**CLARK COUNTY**

1. Silver Star

**COWLITZ COUNTY**

1. Green Mountain

**FERRY COUNTY**

1. Lone Star and Washington
2. Comstock
3. Mascot
4. Walla Walla
5. Hercules
6. Morning Star
7. Minnehaha
8. Talisman
9. Railroad
10. Jennie
11. Lancaster
12. Panama
13. Boston and New York
14. Kelly Camp
15. Zalla M
16. Winnipeg
17. Hawkeye
18. Belcher
19. Copper Key
20. Oversight
21. Pin Money
22. Quilp
23. California
24. Kohler
25. Big Lake
26. Albert Hall
27. Hall Creek Basin
28. Galena
29. Gwin
30. Cold Spring
31. Johnny Boy
32. Rosario
33. Silver Bell
34. Silver Leaf
35. Severa
36. Stray Dog
37. Meteor
38. Sunflower
39. Keystone
40. Advance
41. Longstreet
42. Robert E. Lee
43. Nez Perce
44. Nez Perce Creek
45. Congress
46. Shamrock
47. Josie
48. Abe Lincoln
49. Blue Bird
50. Clay
51. Meadow Creek
52. Addie B
53. Mount Tolman
54. Dewey
55. Zipp and Teddy
56. Addison
57. Belcher
58. Golden Cord
59. Malachite
60. Gray
61. Silver Hill
62. Silver King
63. Summit
64. Handy Andy
65. Poor Man's Hope
66. Bodie
67. California
68. Handspike
69. Humboldt
70. Iconoclast
71. Illinois
72. Jumper
73. Polepick
74. Umatilla
75. Walla Walla
76. Cougar
77. Last Chance

78. Manila
79. Campbell
80. Dick Creek

**JEFFERSON COUNTY**

1. Tubal Cain

**KING COUNTY**

1. Golden Tunnel
2. Anderson
3. Annex
4. Copper Duke
5. Gold Mountain
6. Mono
7. Climax
8. Apex
9. Damon and Pythias
10. Chicago
11. San Francisco
12. Monte Carlo
13. Mount Phelps
14. Lennax
15. Rainbow
- 15A. Langer
16. Brooklyn
17. Coney Basin
18. Lucky Strike
19. Dawson
20. King and Kinney
21. Lynn
22. Seattle-Cascade
23. Una
24. Foss River
25. Portland
26. War Eagle
27. Aces Up
28. Le Roi
29. Bobtail
30. Bear Basin
31. Snoqualmie
32. Cleopatra
33. Dutch Miller
34. Devils Canyon
35. Jack Pot
36. Goat Mountain
37. Joamco
38. Quartz Creek
39. Fathers Day
40. Rainy
41. Cleveland
42. Legal Tender
43. Leta
44. Annie
45. Clipper
46. Copper Chief
47. Emma
48. Kelley
49. Carmack
50. Last Chance
51. Geo. W. Tinkle
52. Brown Bear
53. Eureka
54. Robinson
55. San Jose
56. Online
57. Woodline

**KITSAP COUNTY**

1. Chico

**KITTITAS COUNTY**

1. Aurora
2. King Solomon
3. Mountain Belle
4. Mountain Chief
5. Beaver
6. Bob Canson
7. Silver Dump
8. Blue Bonnet
9. Morning Star
10. Boyles

11. Iias
12. Silver Bullion
13. Dolphin
14. Grandview
15. Big Dome
16. Teanaway
17. Huckleberry
18. Cascade Mining
19. Mineral Creek
20. Copper Queen
21. Granite King
22. Toneum Creek

**LEWIS COUNTY**

1. Eagle Peak
2. Paradise
3. Big Falls
4. Rocky Point
5. Green River

**LINCOLN COUNTY**

1. Crystal
2. Lincoln
3. Fouress
4. Heart

**MASON COUNTY**

1. Black Tail
2. Black and White
3. Arkansas Traveler

**OKANOGAN COUNTY**

1. New Hope
2. Lead Horse
3. Billy Goat
4. Carr
5. Mountain Beaver
6. Peacock
7. Hanks
8. Copper Glance
9. Golden Zone
10. Peerless
11. Ruby
12. Gold Crown
13. California
14. Catherine
15. Eloise
16. Four Metals
17. Kaaba
18. Little Chopaka
19. Number One
20. Summit
21. Prize
22. Empire
23. Copper King
24. Copper World
25. Copper World Extension
26. Gearhart
27. Leadville
28. Midas No. 1
29. Palmer Summit
30. Pinnacle
31. Rainbow
32. Double Standard
33. Gold Hill
34. Hercules
35. Utica
36. Detroit-Windsor
37. Palmer Mountain Tunnel
38. Black Bear
39. Security
40. War Eagle
41. Kalamazoo
42. Baltimore
43. Buckeye
44. Anaconda
45. Kimberly
46. Hiawatha
47. Spokane
48. Triune
49. Bellevue
50. Palmer Lake
51. Moncosilgo
52. 49th Parallel
53. Gold Dust
54. Golden Chariot
55. Kelsey
56. Mikelson
57. O. K.
58. Ohio
59. Rich Bar
60. Lone Pine
61. Horn Silver
62. Favorite
63. Chopaka
64. Delate
65. Apex
66. Reco
67. Review
68. Olientangy
69. Yakima
70. Crystal Butte
71. Crystal Butte
72. Aztec
73. Copper Queen
74. Roosevelt
75. Ironsides and Anna B.
76. Jackpot
77. Magnetic
78. Monterey
79. Myers Creek
80. Nip and Tuck
81. Number Nine
82. Western Star
83. Caribou
- 83A. Shaw-Bergman
84. Bi-Metallic
85. Sheridan
86. American Flag
87. Windiate-Auberton
88. Bonanza
89. Maid of Erin
90. Castle Creek
91. Eureka
92. Mountain Boy
93. Summit
94. Iron Dike
95. Wasco
96. Old Glory
97. Hercules
98. Ramore
99. Jumbo
100. Hidden Treasure
101. Ramsey
102. Goodenuf
103. Home Run
104. Modoc
105. Multnomah
106. Sections 4 and 9
107. Twin Pine
108. Anna
109. Hudnut
110. Silver Point
111. Great Divide
112. Mineral Hill
113. Andy O'Neil
114. Evening
115. Kankakee
116. Pittsburg
117. Anchor
118. Apache
119. Lilman
120. Little Chief
121. Nina Lu
122. St. Paul
123. Tip Top
124. Panama
125. Controller
126. Red Bird

## COPPER OCCURRENCES—Continued

OKANOGAN COUNTY  
—Continued

127. Silver Cliff  
128. Rebecca  
129. Climax  
130. Daisy  
131. Mazama Queen  
132. Rosalind  
133. Sooner  
134. Imperial  
135. Montana  
136. Molly  
137. American Flag  
138. Gold Key  
139. Mazama Pride  
140. Silver King  
141. Swayne  
142. Lucky Jim  
143. Jones  
144. Abernathy  
145. Iron Cap and Snow Cap  
146. Mid Range  
147. Crescent  
148. Pay Day  
149. Wolverine  
150. Okanogan Copper  
151. Blue Lake  
152. Q. S.  
153. Starr  
154. Central  
155. Tonasket  
156. Mammoth  
157. Copper King  
158. Esther  
159. Evening Star  
160. Gubser  
161. Key  
162. Mineral Hill  
163. Monitor  
164. Salmon River  
165. Silver King  
166. Tough Nut  
167. Lady of the Lake  
168. Chief Sunshine  
169. Leuena  
170. Lone Star  
171. Frankie Boy  
172. Blue Grouse  
173. Kansas  
174. Marguerite  
175. Nevada  
176. Peacock  
177. Republic  
178. Wyoming  
179. First Thought  
180. Last Chance  
181. Plant-Callahan  
182. Arlington  
183. Fourth of July  
184. Sonny Boy  
185. Woo Loo Moo, Loo  
186. Palmer  
187. Malott  
188. Spokane  
189. Twisp View  
190. Alder  
191. Floyd  
192. Rattlesnake  
193. Peoria  
194. Red Shirt  
195. Chickamun  
196. Minnie  
197. Dutch John  
198. Antimony Queen  
199. Bolinger  
200. Black Jack  
201. St. Anthony  
202. Independence  
203. Damfino  
204. Chicago  
205. Doris Barbara
206. Holden-Campbell  
207. I Just Live Here  
208. Henrietta  
209. Hidden Treasure  
210. Highland  
211. Hunter  
212. Standard and Louisa  
213. Mineralite  
214. Emerald  
215. Methow  
216. Milwaukee  
217. Roosevelt  
218. Washington  
219. Four Aces  
220. Gray Eagle  
221. Schulz and Chesney  
222. Friday  
223. Fuller  
224. Alta Lake
- PEND OREILLE COUNTY**  
1. Copper Queen  
2. Flusey-Hoopala  
3. Uncas  
4. Meade  
5. Riverside  
6. Grandview  
7. Gypsy  
8. Cougar  
9. Ace High  
10. Little Noisy  
11. Copper Queen  
12. Hoosier  
13. Oriole  
14. O. K.  
15. Blue Jim  
16. Box Canyon  
17. La Sota  
17A. Rocky Creek  
18. Reynolds Creek  
19. Skippy and Queen Bess  
20. Abraham-Huff  
21. Isabelle  
22. Hardrock Thomas  
23. McCann  
24. Ackerlund  
25. Rainbow  
26. Calispell  
27. Victory  
28. Campbell  
29. Hawkeye-Gray Eagle-Last Chance  
30. Independence  
31. Lakeside  
32. Alger and McCullough  
33. Baker City  
34. Bead Lake  
35. Comstock  
36. Fair Hope  
37. Gold Coin-Hardtack  
38. Key Fraction  
39. Kootenai Conquest  
40. Meteor  
41. Snowbird and Stanley  
42. Bornite  
43. General MacArthur  
44. Ries  
45. Reidt  
46. Lloyd  
47. Mount Pisgah  
48. Hansen  
49. Pindle
- PIERCE COUNTY**  
1. Mashel

2. Carbon River  
3. Tillie and Larigo  
4. Bunny  
5. Clipper  
6. Surprise  
7. East Lake  
8. Golden Rule  
9. Copper King  
10. Starbo  
11. Silver Creek Gold & Lead  
12. Silver Creek  
13. Washington Cascade

**SKAGIT COUNTY**

1. Anacopper  
2. Stephens  
3. Fidalgo Island  
4. Bald Mountain  
5. Lawrence  
6. North Coast  
7. Logan No. 2  
8. Protection  
9. Skagit Queen  
10. Boston  
11. Elsie  
12. Cliff  
13. Midas  
14. Soldier Boy  
15. Johnsburg  
16. Ella Bea and Flaim  
17. Queen and Buchanan

**SKAMANIA COUNTY**

1. Crystal  
2. Minnie Alice  
3. Cinnabar  
4. Last Hope  
5. Index  
6. Independence  
7. Minnie Lee  
8. Toledo  
9. Samson  
10. Germania  
11. Polar Star  
12. Galconda  
13. Grizzly Creek  
14. Morning  
15. Commonwealth  
16. Chicago  
17. Mount Fairy  
18. Norway  
19. Sweden  
20. Yellow Metals  
21. Young America  
22. Bronze Monarch  
23. Miners Queen  
24. Maybee  
25. Zinc Creek  
26. Skamania  
26A. Yellow Jacket and Hoo Hoo  
27. Rainbow  
28. Last Chance

**SNOHOMISH COUNTY**

1. Whitehorse  
2. Green Crown  
3. Hannah  
4. Jesse  
5. Highland  
6. Hunter  
7. Nesta  
8. White Gander  
9. Sunrise  
10. Courtney  
11. Eiwel-Darrington  
12. Keywinder  
13. Manley  
14. Queen Anne

15. Burns  
16. Forest Hope  
17. Justin  
18. Myrtle C.  
19. Blue Bird  
20. Forest-Chickamun  
21. Sam Strom  
22. Gold Mountain  
23. Helena  
24. Hannah  
25. Deer Lake  
26. Big Bear and Butte  
27. St. Louis and Jackson  
28. New Seattle  
29. Bald Mountain  
30. Hecla  
31. Glacier Peak  
32. Bonanza Queen  
33. Colts  
34. Copperhead  
35. Nemo  
36. Lakeview Extension  
37. Eureka  
38. Winter Coon  
39. Virginia  
40. Ore Recoveries  
41. Four Brothers  
42. Fanny  
43. Eclipse  
44. Bangor Creek  
45. Cleveland  
46. Copper Prince  
47. Everett  
48. Hoodoo  
49. Imperial  
50. Lucky Strike  
51. New York  
52. Nickel Bird  
53. Milwaukee  
54. Olson  
55. Silver Horseshoe  
56. Black Hawk  
57. Bunker Hill  
58. Cliff  
59. Drum Lummond  
60. Lucky Strike  
61. Montezuma  
62. St. Cloud  
63. Wayside  
64. Blomquist  
65. Yankee Boy  
66. Silver Coin  
67. Arlington  
68. Golden Chord  
69. Copper Queen  
70. Monitor and Sterling  
71. Bullet  
72. Feldt  
73. Bell and Crown  
74. "45"  
75. Mamie  
76. Little Chief  
77. Big Copper  
78. Ala-Dickson  
79. "48-55"  
80. Occidental  
81. Eldred  
82. Hustler  
83. Rustler  
84. Blue Rock  
85. Nevada  
86. El Dorado  
87. Bon Ton  
88. Foggy  
89. Mackinaw  
90. Whistler  
91. P. and I.  
92. O and B  
93. Keystone
94. Philo  
95. Monte Cristo  
96. Sidney  
97. Keystone  
98. Great Northern  
99. Border Queen  
100. Mountain Cedar  
101. Johnson  
102. Sunrise  
103. Kelly Creek  
104. Jerry Chatman  
105. Iowa  
106. Calumet  
107. Florence Rae  
108. St. Theresa  
109. Kromona  
110. Golden Eagle  
111. Horseshoe and Treasure Box  
112. Doris  
113. Hard Pass  
114. Helena and Sadie  
115. Marvel  
116. Miiki Maru  
117. Sultan King  
118. Lida  
119. Jumbo  
120. Big Raymond  
121. Edison  
122. Gold Eagle  
123. Hancock  
124. Diamond Hitch  
125. Gold Bar  
126. National  
127. Winnie  
128. Whaleback  
129. Caplin-Holbrooke  
130. Good Hope  
131. Mineral Center  
132. Washington-Iowa  
133. Wild Rose  
134. Zeta  
135. Great Scott  
136. Morning Star  
137. New York-Seattle  
138. Hope  
139. Champion  
140. Alta  
141. Bear  
142. Bluebell  
143. Blackstone  
144. Bluff  
145. Copper Chief  
146. Jamboree  
147. Jim Dandy  
148. Last Dollar  
149. M and H No. 2  
150. Martin Engdahl  
151. Ruby King  
152. Independence  
153. Jasperson  
154. Mineral Mines  
155. S. M. P.  
156. St. Louis  
157. Silver Slipper  
158. Westland  
159. Red Cross  
160. Copper Belle  
161. Gray Eagle  
162. Deway  
163. Broken Ridge  
164. Covered Wagon  
165. Evergreen  
166. Kazian  
167. Oro Fino  
168. P. I.  
169. Shirley  
170. Skrinde  
171. Smith-Way  
172. Good Luck  
173. Cooperative  
174. Black Hawk

## COPPER OCCURRENCES—Continued

## SNOHOMISH COUNTY

## —Continued

- 175. Armament
- 176. Molly
- 177. Wayside
- 178. Commercial
- 179. Lost Creek
- 180. Charlotte
- 181. Ethel
- 182. Kitanning
- 183. Sunset
- 184. Copper King
- 185. Florence-Rae

- 186. Non Pareil
- 187. Cascade
- 188. Bitter Creek
- 189. Calumet
- 190. Gunn Peak
- 191. Index Peacock
- 192. Merchant
- 193. Uncle Sam
- 194. Index Bornite
- 195. Buckeye
- 196. North Star
- 197. Helena
- 198. Lake Serene

## STEVENS COUNTY

(See plate 7.)

## THURSTON COUNTY

- 1. Skookumchuck

## WHATCOM COUNTY

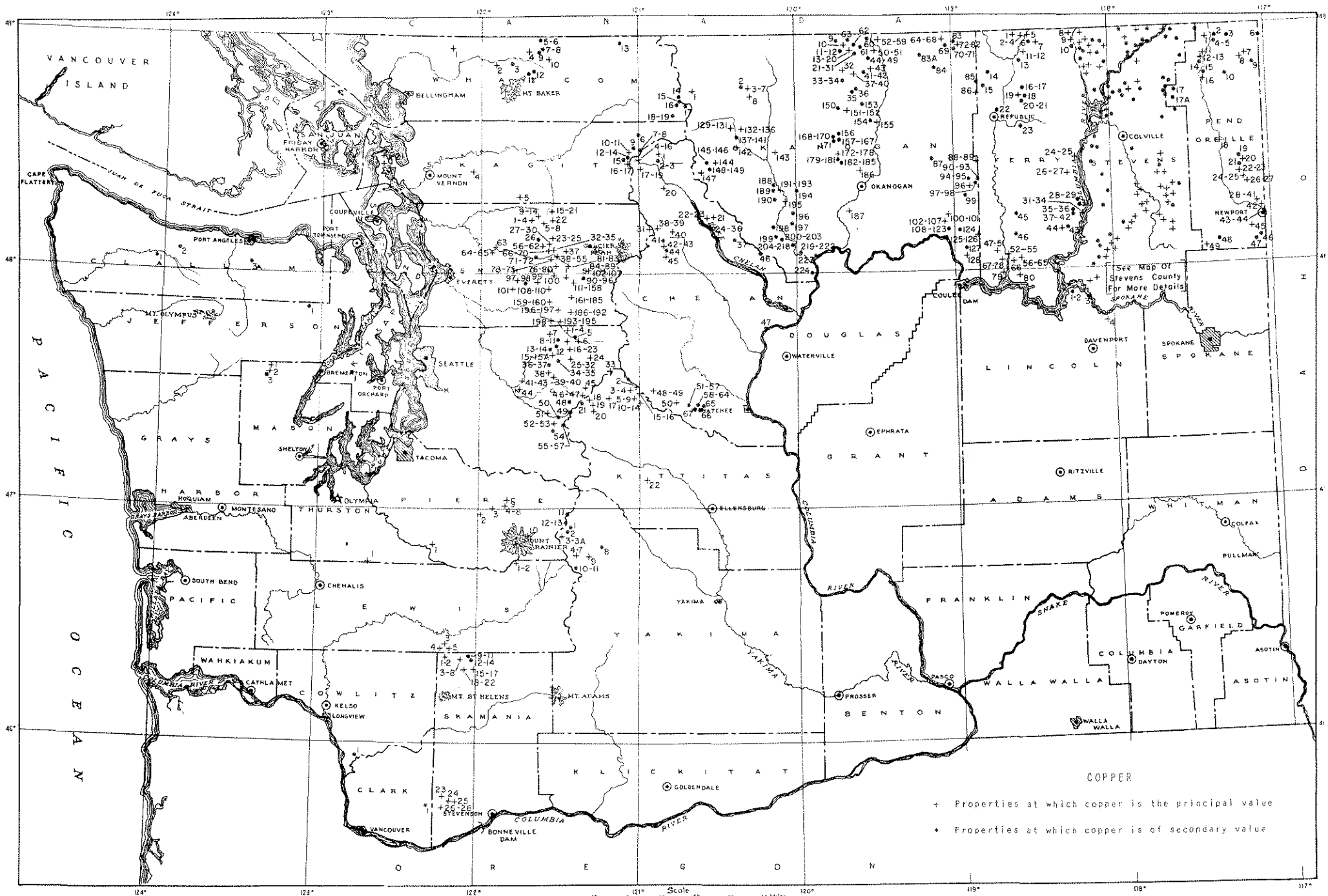
- 1. Hyatt
- 2. Midas
- 3. Great Excelsior
- 4. Conway
- 5. Boundary Red Mountain

- 6. Gargett
- 7. Saginaw
- 8. J. E. Sigh
- 9. Evergreen
- 10. Silver Tip
- 11. Chain Lakes
- 12. Veronia
- 13. Silver Creek
- 14. Beck
- 15. Shanghai
- 16. Whistler
- 17. Bismarck
- 18. Azurite
- 19. Gold Hill

## YAKIMA COUNTY

- 1. Gold Hill
- 2. Elizabeth Gold Hill
- 3. Chinook
- 3A. Hidden Treasure
- 4. Bird
- 5. Copper Mining Co.
- 6. New Find
- 7. Pasco
- 8. Richmond
- 9. Keystone
- 10. Twin Sisters Lakes
- 11. Black Jack

**PLATE 6**  
**COPPER**





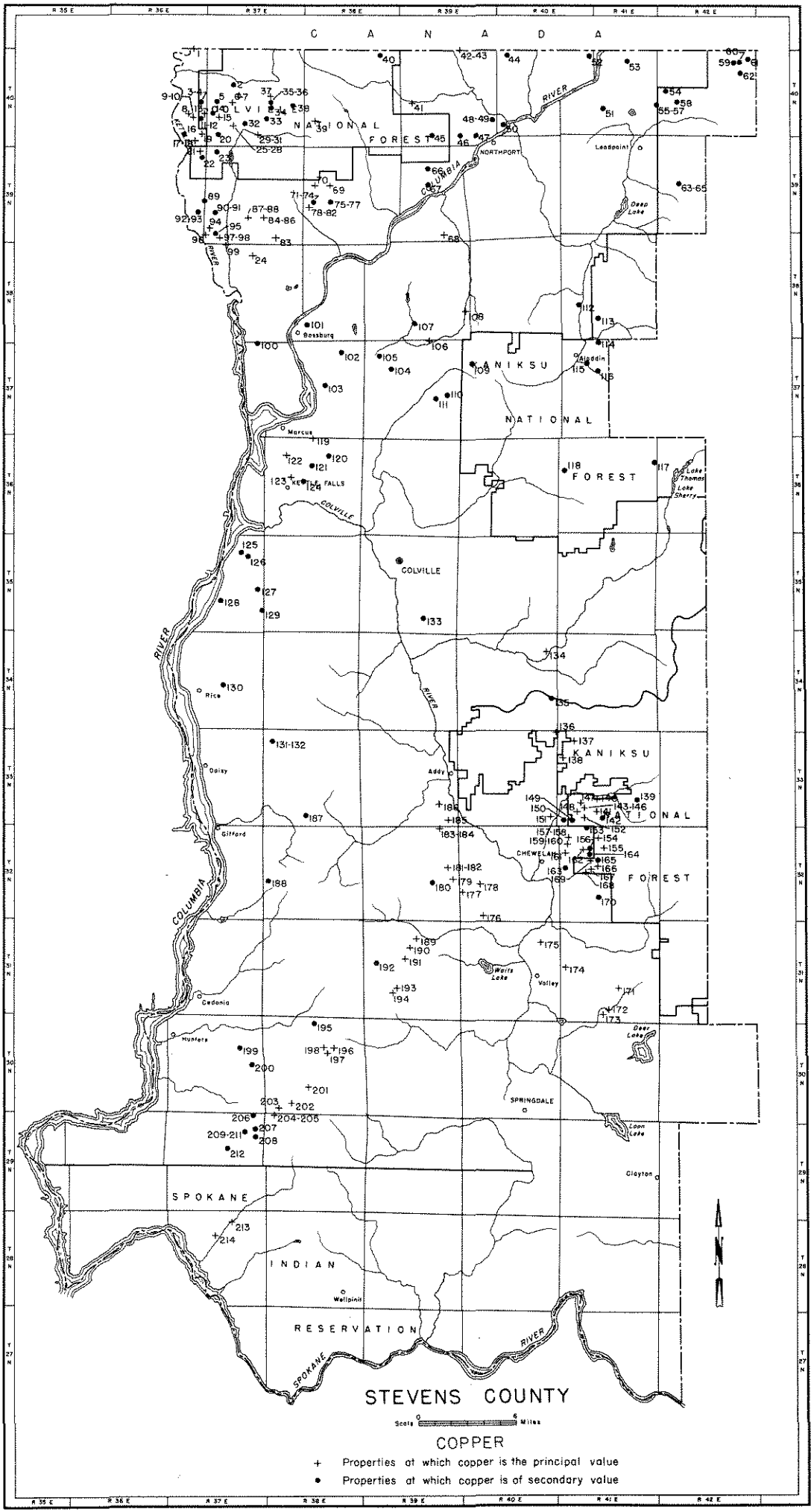
## COPPER OCCURRENCES—Continued

## STEVENS COUNTY

(Numbers correspond to those on map and those following property names under copper, Stevens County, in volume 1.)

1. Boundary Line	44. Fidelity	87. Coffer	130. John Hays	172. Loon Lake Blue Bird
2. Udehard	45. Hubbard	88. Elmo	131. Daisy-Tempest	173. Loon Lake Copper
3. Eureka	46. Providence	89. Blue Grass	132. Tempest	174. Valley
4. McKinley	47. Mountain View	90. Nest Egg	133. Rocky Lake	175. Inklers Point
5. White Elephant	48. Moore	91. Trojan	134. Bear Canyon	176. B and B
6. Summit	49. St. Crispin	92. Defender	135. Chewelah Consolidated	177. Brown's Lake
7. Lakeside	50. Sunset	93. Sure Thing	136. Thomason Queen	178. Superior Copper
8. Lucky Charlie	51. Melrose	94. Audrey M.	137. Copper Queen	179. Checops
9. Comstock	52. Moraski	95. American Boy	138. Perry	180. Nevada
10. Stenwinder	53. Clara	96. Orient, Crescent, and Deadwood	139. Winslow	181. Montezuma
11. Bald Eagle	54. Jackson	97. Copper Butte	140. Royal	182. Pacific Copper
12. Iron Mask	55. Anaconda	98. Globe	141. Belcher	183. Liberty Copper
13. Mogul	56. Copper King	99. Scotia	142. Wilkie Lode	184. Platsburg
14. Little Giant	57. Red Top	100. Napoleon	143. Amazon	185. Alandale
15. Montana and Washington	58. Iroquois	101. Young America	144. Chinto	186. Krug
16. Galena Hill	59. United Treasure	102. Bonanza	145. Copper King	187. Silver Summit
17. Bryant	60. Myeerah	103. Gold Bar	146. Jim Dandy	188. Columbia Tungsten
18. Salina	61. Frisco Standard	104. Red Sheaf	147. Copper Queen	189. Wabash-Detroit
19. Viking	62. Keough	105. Galena Farm	148. United Copper	190. Edna
20. Beecher	63. Electric Point	106. A and C	149. John Day	191. Vulcan
21. Red Lion	64. Gladstone	107. Silver Trail	150. Jay Dee	192. Double Eagle
22. Abe Lincoln	65. Lucky Four	108. Williams Lake	151. Minnehaha	193. Admiral
23. International	66. Bullion	109. Lucky Boy	152. Independent Keystone	194. Denver
24. Twilight	67. Short Wait	110. Chloride Queen	153. Eagle	195. Orchid
25. Blue Goose	68. Wall Street	111. Avondale-Dome	154. Hecla	196. Copper Butte
26. Copper Jack	69. Walking Boy	112. Sierra Zinc	155. Nabob	197. Rambler
27. Monitor	70. Hope and Twin Cabins	113. Magma	156. Jay Gould	198. Chamokane
28. Mystery	71. Big Jim	114. Morning	157. Imperial Copper	199. Read
29. McNalley	72. Blue Bird	115. Burrus	158. Security Copper	200. Deer Trail Monitor
30. Pelkey and Dille	73. Homestake	116. Aladdin	159. Chewelah Standard	201. Monahan
31. Regina	74. War Eagle	117. Middleport	160. Juno-Echo	202. Bonanza Copper
32. Iron Horse	75. Antelope	118. Longshot	161. Diamond C	203. Togo
33. Lem	76. Montana	119. Big Bear	162. Payne	204. Red Cloud
34. Pomeroy	77. Pedro	120. Vanasse	163. Schrenberg	205. Turk
35. Easter Sunday	78. Centennial	121. Gold Reef	164. U. S. Copper Gold	206. Little Frank
36. McNess	79. Lottie	122. Columbia River	165. Mullen	207. Deer Trail
37. Jayhawker	80. Majorca	123. Rightside	166. Windfall	208. Hoodoo
38. Big Iron	81. Minorca	124. City View	167. Copper Cliff	209. Brooks
39. Churchill	82. Orpha	125. Ark	168. Montgomery	210. Queen
40. Molly Gibson	83. Graves	126. E. M. C.	169. Quartzite Mountain	211. Saturday Night- Sunday Morning
41. White Horse	84. Georgic	127. Fish	170. Mayflower	212. Achan Bee
42. Double Standard	85. Pop	128. Acme	171. Banshee	213. Alberta
43. Great Republic	86. Uncle Sam	129. Aguila		214. O-Lo-Lim

PLATE 7  
COPPER—  
STEVENS COUNTY



STEVENS COUNTY

Scale 0 6 Miles

COPPER

- + Properties at which copper is the principal value
- Properties at which copper is of secondary value

## LODE GOLD OCCURRENCES

(Numbers correspond to those on map and those following property names under lode gold in volume 1.)

<b>BENTON COUNTY</b>	72. Sunset	<b>COWLITZ COUNTY</b>	76. Ren Rice	156. Silver Hill
1. Prosser	73. Cook-Galbraith	1. Green Mountain	77. St. Paul	157. Manila
<b>CHELAN COUNTY</b>	74. Van Epps	<b>FERRY COUNTY</b>	78. Gold Twenty	158. Cougar
1. Black Warrior	75. Silver Fiend	1. Lone Star and	79. Cherokee Strip	159. Last Chance
2. Cascade Consolidated	76. Pickwick	Washington	80. Jaybird	160. Iconoclast
3. Clagstone	77. Last Chance	2. Walla Walla	81. Northern Light	161. Illinois
4. Davenport	78. Velma	3. Morning Star	82. Orion	162. Umatilla
5. Doubtful	79. Bonanza and	4. Surprise	83. Rattlesnake	163. Walla Walla
6. Falls	80. Monarch	5. Railroad	84. Rosario	164. Schminski
7. Galena	81. New York	6. Jennie	85. Silver Bell	<b>GRANT COUNTY</b>
8. Horseshoe Basin	82. Red Butte	7. Lancaster	86. Advance	1. Black-Rosauer
9. Panama No. 2	83. Alta Vista	8. Panama	87. Big Bug	2. Electric City
10. Quien Sabe	84. Apple Queen	9. Zalla M	88. Black Hawk	3. Hope No. 1
11. Rouse	85. April Fool	10. Valley	89. Butterfly	<b>JEFFERSON COUNTY</b>
12. Spokane Boy	86. Black and White	11. Winnipeg	90. Chance	1. Rustler Creek
and Girl	87. Black Jack	12. Copper Key	91. Colorado	<b>KING COUNTY</b>
13. Belcher	88. Blewett	13. Hawkeye	92. Drummond	1. Oliver
14. Marlin	89. Blue Bell	14. Belcher	93. Kentucky Bell	2. Yellow Jacket
15. Ombompo	90. Bobtail	15. Oversight	94. Lakeview Fraction	3. Anderson
16. Logan	91. Byron	16. Pin Money	95. Little Jay	4. Salmon Creek
17. Summit	92. Caledonia	17. Tom Thumb	96. Longstreet	5. Golden Tunnel
18. Homestake	93. Culver	18. Rebate	97. Old Nell	6. Damon and Pythias
and Star	94. Donaldson	19. South Penn	98. Perry	7. Apex
19. Isoletta	95. Eureka	20. Alpine	99. Polaris	8. Copper Duke
20. Flamingo	96. Fraction	21. Anecia	100. Reliance	9. Favorite Gulch
21. Minneapolis	97. Gem	22. Ben Hur	101. Robert E. Lee	10. Monarch
22. Silver Jack	98. Golden Eagle	23. Black Tail	102. Royal Ann	11. Neptune
23. Tommy Jack	99. Golden Wedge	24. Bodie	103. White Tail	12. San Francisco
24. Tiger	100. Hazel	25. East San Poil	104. Relief	13. Aaron
25. Lake Shyall	101. Homestake	26. El Caliph	105. Good Ore	14. Beatrice
26. Buster	102. Hummingbird	27. Ida May	106. Truax	15. Bergeson
27. King Solomon	103. Johnson	28. Iron Mask	107. Reserve	16. Black Bear
28. Moscow	104. La Rica	29. Kangaroo	108. Santa Claus	17. Charles
29. Nebraska	105. Lone Rock	30. Knob Hill	109. Ruby	18. Clara
30. Little Jap	106. Lucky Queen	31. Little Cove	110. Etta	19. Cooper
31. Sunday Morning	107. Manistee	32. Lone Pine	111. Black Thorn	20. De La Mar
32. Arizona	108. North Star	33. Morning Glory	112. Dixie Queen	21. Dudley
33. Blue Jay	109. Olden	34. Mountain Lion	113. Juliet	22. Extra
34. Blue Jay	110. Olympia	35. North San	114. Keystone	23. Florence
Extension	111. Peshastin	Poil Fraction	115. Meteor	24. Gold Mountain
35. Canada	112. Phipps	36. Pearl	116. Montana	25. Jay
36. Cascade	113. Phoenix	37. San Poil	117. New York	26. Judge
37. Chub	114. Pole Pick	38. San Poil Fraction	118. Red Chief	27. Kimball
38. Emma Lee	115. Prospect	39. Seattle	119. Romulus	28. Lillian Leone
39. Gem	116. Rainbow Nos.	40. Snowstorm	120. St. Patrick	29. Mitchell
40. Grace	2 and 3	41. Surprise	121. Several	30. Napoleon
41. Hunter	117. Roy and Roy	42. Trade Dollar	122. Silver Spar	31. Norwood
42. Idaho	118. Sandell	43. Admiral	123. Snowstorm	32. Owen
43. Iowa	119. Tip Top	44. Golden Eagle	124. Stray Dog	33. Paradise
44. Meadow Creek	120. Venus	45. Insurgent	125. Laura S.	34. Ray
Strike	121. Wilder	46. Last Chance	126. Grandview	35. Sara
45. Orphan Boy	122. Sunset	47. Mammoth	127. Five Hundred	36. Sara Williams
46. Phyllis	123. Amigo	48. Quilp	128. Idora	37. Solomon
47. Silver King	124. Blinn	49. V Fraction	129. Greasy Run	38. Great Republic
48. Silver Trail	125. Daisy Dean	50. Advance	130. I. X. L.	39. Mono
49. Marcus Stein	126. Eagle and Iowa	51. Butte and Boston	131. King Solomon	40. Joamco
50. Raymond	127. Golden Guinea	52. Chico	132. Mayflower	41. Mount Phelps
51. Holden	128. Gordon	53. Cook	133. Pilgrim	42. Rushing
52. Bryan	129. Meridian	54. Flag Hill	134. Plymouth Rock	43. Beaverdale
53. Red Cap	130. North Pole	55. Iron Monitor	135. Silver Crown No. 2	44. Belle of Tennessee
54. Red Hill	131. Ontario	56. Jim Blaine Fraction	136. Silver Crown No. 3	45. Lucky Strike
55. Red Mountain	132. P. P. Nickel	57. Old Hickory	137. Sunset	46. Monte Carlo
56. Robischaud	133. Rainier	58. Princess Maude	138. Syracuse	47. Brooklyn
56A. Hidden Treasure	134. Union and	59. Republic	139. Buffalo	48. Coney Basin
57. Drummer Boy	Dominion	60. Standard and Emma	140. Hines	49. Last Chance
58. Champion	135. War Eagle	61. California	141. Congress	50. Lone Star
59. P. I.	136. Budge	62. Golden Harvest	142. U. S.	51. Lennox
60. Alien Magnesium	137. Gold Knob	63. Blue Horse	143. Burlington and	52. Dawson
61. Georgie Smith	138. Charlotte	64. Blue Jacket	Delaware	53. King and Kinney
62. Hawk's Nest	139. Golden King	65. Iron Mountain	144. Shamrock	54. Seattle-Cascade
63. Mother Lode	<b>CLALLAM COUNTY</b>	66. Juno	145. Clay	55. Una
64. Palmer	1. Angeles Star	67. Silver Tip	146. Meadow Creek	56. War Eagle
65. Butte	2. Port Angeles	68. Big Lake	147. Byrne	57. Bear Basin
66. Cook	<b>CLARK COUNTY</b>	69. Galena	148. Golden Chariot	58. Cleopatra
67. Jumbo	1. Golden Wonder	70. Gwin	149. Golden Rule	59. Silver Star
68. Kingman and	2. Silver Star	71. Victor	150. Mount Tolman	60. Valley Queen
Pershall	<b>COLUMBIA COUNTY</b>	72. Dan Patch	151. Ophir	61. Aces Up
69. Pangborn	1. Hoffeditz	73. Great Scott	152. Rover Bonanza	62. Bobtail
70. Sunshine		74. Algonkian	153. Addison	
71. Rex		75. Rattler	154. Belcher	
			155. Gray	

## LODE GOLD OCCURRENCES—Continued

**KING COUNTY—**  
**Continued**

63. Foss River
64. Grand Central
65. J. Taylor Wright
66. Le Roi
67. Metropolitan
68. Teddy R.
69. Highlander
70. Jack Pot
71. Goat Mountain
72. Lost Lode
73. Quartz Creek
74. Rainy
75. Cleveland
76. Legal Tender
77. Leta
78. Annie
79. Ventura
80. Dutch Miller
81. Clipper
82. Copper Chief
83. Commonwealth
84. Guye
85. Carmack
86. Klondike
87. Della Jane
88. Last Chance
89. Seattle
90. Last Chance
91. Ophir
92. Sternwinder
93. San Jose
94. Eureka
95. Robinson
96. Online
97. Woodline
98. Oriole
99. White River

**KITTITAS COUNTY**

1. American Eagle
2. Boss
3. Aurora
4. Silver Bull
5. Silver Creek
6. Rocky Point
7. King Solomon
8. Ruby
9. Huckleberry
10. Beaver
11. Cle Elum
12. Edna R.
13. Morning Star
14. Silver Dump
15. Silver Queen
16. Blue Bonnet
17. Camp Creek
18. Denney
19. Ida Elmore
20. Maud O.
21. Boyles
22. Iias
23. Grandview
24. Keystone
25. Granite King
26. Cascade Mining
27. Esther and Louisa
28. Mineral Creek
29. Zerwekh
30. Hurley Creek
31. Golden Fleece
32. Bloomquist Bros.
33. Sylvanite
34. B & B
35. Washington
36. Ewell
37. Clarence Jordin
38. Mountain Daisy
39. Ollie Jordin
40. Cascade Chief
41. Cougar
42. Flodine
43. Liberty

44. Sonny Brown
45. True Fissure Gold
46. Wall Street
47. Magpie Canyon

**LEWIS COUNTY**

1. Eagle Peak
2. Tacoma
3. Waterfall

**LINCOLN COUNTY**

1. Fouress
2. Iron Crown

**OKANOGAN COUNTY**

1. Sheep Mountain
2. New Hope
3. Brown Bear
4. Harts Pass
5. Peacock
6. Billy Goat
7. Carr
8. Mountain Beaver
9. Hanks
10. Copper Glance
11. Golden Zone
12. Chopaka
13. Rush
14. Wyandotte
15. Mountain Sheep
16. Gold Crown
17. Frankie Girl
18. Ruby
19. Chloride Queen
20. Julia
21. Riverview
22. Mammoth
23. Prize
24. Number One
25. Curlew
26. Eloise
27. Favorite
28. Kaaba
29. King Solomon
30. Little Chopaka
31. Summit
32. Eureka
33. San Francisco
34. Horn Silver
35. Blanche
36. Lone Pine
37. Saint
38. Dividend
39. 49th Parallel
40. Gold Dust
41. Golden Chariot
42. Kelsey
43. Lakeview
44. O. K.
45. Wannacut Lake
46. Bullfrog
47. Trinity
48. Moncosilgo
49. Okanogan Free Gold
50. Palmer Lake
51. Jessie
52. Bellevue
53. Caroline
54. Hiawatha
55. Occident
56. Silent Friend
57. Spokane
58. Triune
59. Kimberly
60. Adelia
61. Contention
62. Ivanhoe
63. Ninety Two
64. Palmer Summit
65. Rainbow
66. Anaconda
67. Chicago
68. Minnie
69. Buckeye
70. Combination
71. Wehe
72. Baltimore
73. Lancashire Lass
74. Defiance
75. Gladstone
76. Gold Crown
77. Summit
78. Alice
79. Black Bear
80. Security
81. War Eagle
82. Empire
83. Ben Butler
84. Copper King
85. Pinnacle
86. Iron Master
87. Copper World
88. Copper World Extension
89. Leadville
90. Eclipse
91. E Pluribus
92. Gold Hill
93. Golden Fleece
94. Hercules
95. Little Falls
96. Utica
97. Palmer Mountain Tunnel
98. Detroit-Windsor
99. Oro Fino
100. Red Jacket
101. Lucky Lady
102. Silver Mountain
103. Gold Quarry
104. Okanogan Copper
105. Blue Lake
106. Q. S.
107. Central
108. Poland China
109. Apex
110. Olen tangy
111. Opal
112. Butcher Boy
113. Chesaw
114. Eagle
115. Yakima
116. Gray Eagle
117. Pendernis
118. Reco
119. Review
120. Aztec
121. Caribou
122. Gold Axe
123. Ironsides and Anna B.
124. Jackpot
125. Magnetic
126. Monterey
127. Nip and Tuck
128. Roosevelt
129. Western Star
130. American Girl
131. Crystal Butte
132. Reckless
133. Beaver
134. Ida
135. Bi-Metallic
136. Whitestone
137. Bodie
138. Sheridan
139. American Flag
140. Silver Bell
141. Wauconda
142. Rainbow
143. Daisy
144. Lone Star
145. Molly
- 145A. Eureka
146. Rosalind
147. Montana

148. Imperial
149. Valley View
- 149A. Mazama Queen
150. American Flag
151. Big Boy
152. Gold Coin
153. Gold Key
154. Mazama Pride
155. Silver King
156. Lucky Jim
157. Jones
158. Iron Cap and Snow Cap
159. Mid Range
160. St. Lawrence
161. Abernathy
162. Wolverine
163. Pay Day
164. Big Eight
165. Gold Bar
166. Spokane
167. Floyd
168. Rattlesnake
169. Peoria
170. Red Shirt
171. North Star
172. Twist View
173. Alder
174. Chickamun
175. Minnie
176. Antimony Queen
177. Silver Ledge
178. Bolinger
179. Bambino
180. Gold Coin
181. St. Anthony
182. Chelan
183. St. Patrick
184. Black Jack
185. Independence
186. Damfino
187. Chicago
188. Grubstake
189. Holden-Campbell
190. Okanogan
191. Just in Time
192. Hunter
193. Columbia
194. Henrietta
195. Standard and Louisa
196. Hidden Treasure
197. Highland
198. Emerald
199. Methow
200. Excelsior
201. Nip and Tuck
202. Paymaster
203. Four Aces
204. Gray Eagle
205. Last Chance
206. Diamond Queen
207. Friday
208. Roosevelt
209. Tuesday
210. Washington
211. Schultz and Chesney
212. Chief Sunshine
213. John Arthur
214. Leuena
215. Lone Star
216. Gubser
217. Hidden Treasure
218. Homestake
219. Keystone
220. Mammoth
221. Minnehaha
222. Key
223. Mineral Hill
224. Salmon River
225. Lady of the Lake
226. Diamond

227. Peacock
228. No Monicker
229. Arlington
230. Fourth of July
231. Sonny Boy
232. Sherman
233. Rustler
234. Kyota
235. Hoot Owl
236. American Graphite
237. Atkins
238. Gove
239. Moneymaker
240. Iron Dike
241. Wasco
242. Castle Creek
243. Summit
244. Old Glory
245. Ramore
246. Hidden Treasure
247. Ramsey
248. Goodenuf
249. Home Run
250. Modoc
251. Multnomah
252. Twin Pine
253. Hudnut
254. Evening
255. Great Divide
256. Anchor
257. Apache
258. Cabin
259. Gould and Curry
260. Little Johnnie
261. Oversight
262. Panama
263. St. Paul
264. Lilman
265. Little Chief
266. Montana
267. Nina Lu
268. San Marino
269. Surprise
270. Newport

**PACIFIC COUNTY**

1. Chetlo Harbor

**PEND OREILLE COUNTY**

1. Copper Queen
2. Cliff
3. Z Canyon
4. Grandview
5. Deemer
6. Gypsy
7. Cougar
8. Ace High
9. Pat
10. Prouty
11. Little Noisy
12. Hoosier
13. Oriole
14. O. K.
15. Blue Jim
16. La Sota
- 16A. Rocky Creek
17. Mule Deer
18. Skippy and Queen Bess
19. Isabelle
20. Hardrock Thomas
21. McCann
22. Rainbow
23. Snyder
24. Victory
25. Calispell
26. Gold Coin-Hardtack
27. Campbell
28. Hawkeye-Gray Eagle-Last Chance
29. Independence
30. Bornite

## LODE GOLD OCCURRENCES—Continued

## PEND OREILLE COUNTY

—Continued

31. General MacArthur
32. Ries
33. Gilbert
34. Reidt
35. Sunrise
36. Hansen
37. Nevell
38. Wold

## PIERCE COUNTY

1. Seigmund Ranch
2. Surprise
3. Silver Creek Gold & Lead
4. Frater
5. Blue Grouse and Sure Thing
6. Campbell
7. Current
8. Silver Creek
9. Washington Cascade
10. Black Hawk
11. Star

## SKAGIT COUNTY

1. Stephens
2. Anacopper
3. Fidalgo Island
4. Matrix
5. Mount Vernon
6. Bald Mountain
7. North Coast
8. Skagit Queen
9. Silver Tip
10. Logan No. 2
11. Willis and Everett
12. Eldorado
13. Ontario
14. Sierra Grande
15. Hartford
16. Boston
17. Chicago
18. Soldier Boy
19. Friend
20. Gold Run
21. Midas
22. Ventura
23. Johnsburg
24. Cascade
25. Epoch
26. Fourth of July

## SKAMANIA COUNTY

1. Independence
2. Minnie Lee
3. Germania
4. Samson
5. Galconda
6. Grizzly Creek
7. Index
8. Polar Star
9. Bronze Monarch
10. Sweden
11. Young America
12. Norway
13. Chicago
14. Mount Fairy
15. Yellow Metals
16. Bruhn
17. Camp Creek
18. Johnson
19. Perry
20. Primary Gold
21. Brown and Livingston
22. Plamondon
23. Skamania
24. Last Chance
25. Rainbow
26. Zinc Creek
27. Maybee

## SNOHOMISH COUNTY

1. Gray Rock
2. Larsen
3. Welman
4. Blue Bird
5. Sam Strom
6. Burns
7. Forest Hope
8. Justin
9. Myrtle C.
10. Gold Mountain
11. Feldt
12. Gray Mare
13. Green Crown
14. Hannah
15. Sloman
16. Sunrise
17. Taylor & Nunn
18. Whitehorse
19. Courtney
20. Elwell-Darrington
21. Hunter
22. Jesse
23. Keywinder
24. Manley
25. Nesta
26. Pelican
27. Queen Anne
28. White Gander
29. Highland
30. Helena
31. Big Bear and Butte
32. Arlington
33. Bald Mountain
34. Golden Chord
35. Hecla
36. New Seattle
37. St. Louis and Jackson
38. Silver Coin
39. Copper Queen
40. Monitor and Sterling
41. Bullet
42. Wayside
43. Blomquist
44. Yankee Boy
45. Bangor Creek
46. Bonanza Queen
47. Cleveland
48. Copper Independent
49. Copper Prince
50. Copperhead
51. Eclipse
52. Everett
53. Fanny
54. Granite and Maud
55. Hoodoo
56. Imperial
57. Lily James
58. Lulu
59. Nemo
60. New York
61. Ore Recoveries
62. Three Sisters
63. Virginia
64. Winter Coon
65. Bell and Crown
66. "45"
67. Milwaukee
68. Ala-Dickson
69. Little Chief
70. John Newhouse
71. Mountain Cedar
72. Great Northern
73. Lockwood Pyrite
74. Keystone
75. Border Queen
76. Colts
77. Double Eagle
78. Eureka
79. Lakeview Extension
80. Glacier Peak

81. Deerfly
82. Cornucopia
83. Silver Horseshoe
84. Big Copper
85. Occidental
86. Sunrise
87. Bon Ton
88. Steele
89. Mackinaw
90. Le Roy
91. Baltimore
92. Blue Rock
93. Brooklyn
94. Glory of the Mountain
95. Lily of the West
96. Nevada
97. Sunset
98. Three Star
99. Union
100. Keystone
101. O and B
102. P. and I.
103. Rainy
104. Tobique and Lalla Rookh
105. El Dorado
106. Foggy
107. Little Giant
108. Philo
109. Republican
110. Whistler
111. Ajax
112. Cassidy
113. Monte Cristo
114. Annie Laurie and Ethel
115. Argonaut and Typo
116. Caplin-Holbrooke
117. Delco and Marengo
118. Emma Moore
119. Good Hope
120. Grant
121. Hiawatha
122. J. B.
123. Justice
124. Peabody
125. Orphan Boy
126. Minnehaha
127. Q. T.
128. Seventy Six
129. Sidney
130. Silver Lake
131. Silver Queen
132. Twentieth Century
133. Wildcat
134. Zeta
135. Cora M
136. Corona
137. Daisy
138. Great Scott
139. Morning Star
140. New York-Seattle
141. Remonille
142. Alta
143. Bear
144. Ben Butler
145. Billy Lee
146. Bluebell
147. Bluff
148. Champion
149. Copper Chief
150. Crown Point
151. Emma Bess
152. Engdahl
153. Gettysburg
154. Gold Boy
155. Gold Standard
156. Gypsy Queen
157. Hope
158. Idaho
159. Jamboree
160. Jasperson

161. Jim Dandy
162. Last Dollar
163. Martin Engdahl
164. Lockwood
165. M and H No. 2
166. Lucky Joe
167. Mineral Mines
168. Ruby King
169. Red Cloud
170. S. M. P.
171. Ontario
172. Silver Slipper
173. St. Louis
174. Westland
175. Vandalia
176. Anaconda
177. Blue Bird
178. Broken Ridge
179. Covered Wagon
180. Deway
181. Evergreen
182. Index Gold Mines, Inc.
183. Iron Clad
184. Last Chance
185. McKinley
186. Mayflower
187. Michigan
188. Oro Fino
189. Shirley
190. Skrinde
191. Sunset and Beatrice
192. Texas
193. Black Hawk
194. Commercial
195. Cooperative
196. Lost Creek
197. Non Pareil
198. Gunn Peak
199. Uncle Sam
200. Calumet
201. Florence Rae
202. Iowa
203. Golden Eagle
204. Hard Pass
205. Helena and Sadie
206. Horseshoe and Treasure Box
207. Miiki Maru
208. Sultan King
209. Kromona
210. Big Raymond
211. Castle
212. Diamond Hitch
213. Edison
214. Fortunate
215. Gold Bar
216. Gold Eagle
217. Hancock
218. Jessie
219. Jumbo
220. Lida
221. Mineral Center
222. National
223. Undaunted
224. Whaleback
225. Washington-Iowa
226. Wild Rose
227. Winnie
228. Red Cross
229. Copper Belle
230. Charlotte
231. Ethel
232. Cascade
233. Florence-Rae
234. Sunset
235. Buckeye
236. Lake Serene

## STEVENS COUNTY

(See plate 9.)

## WHATCOM COUNTY

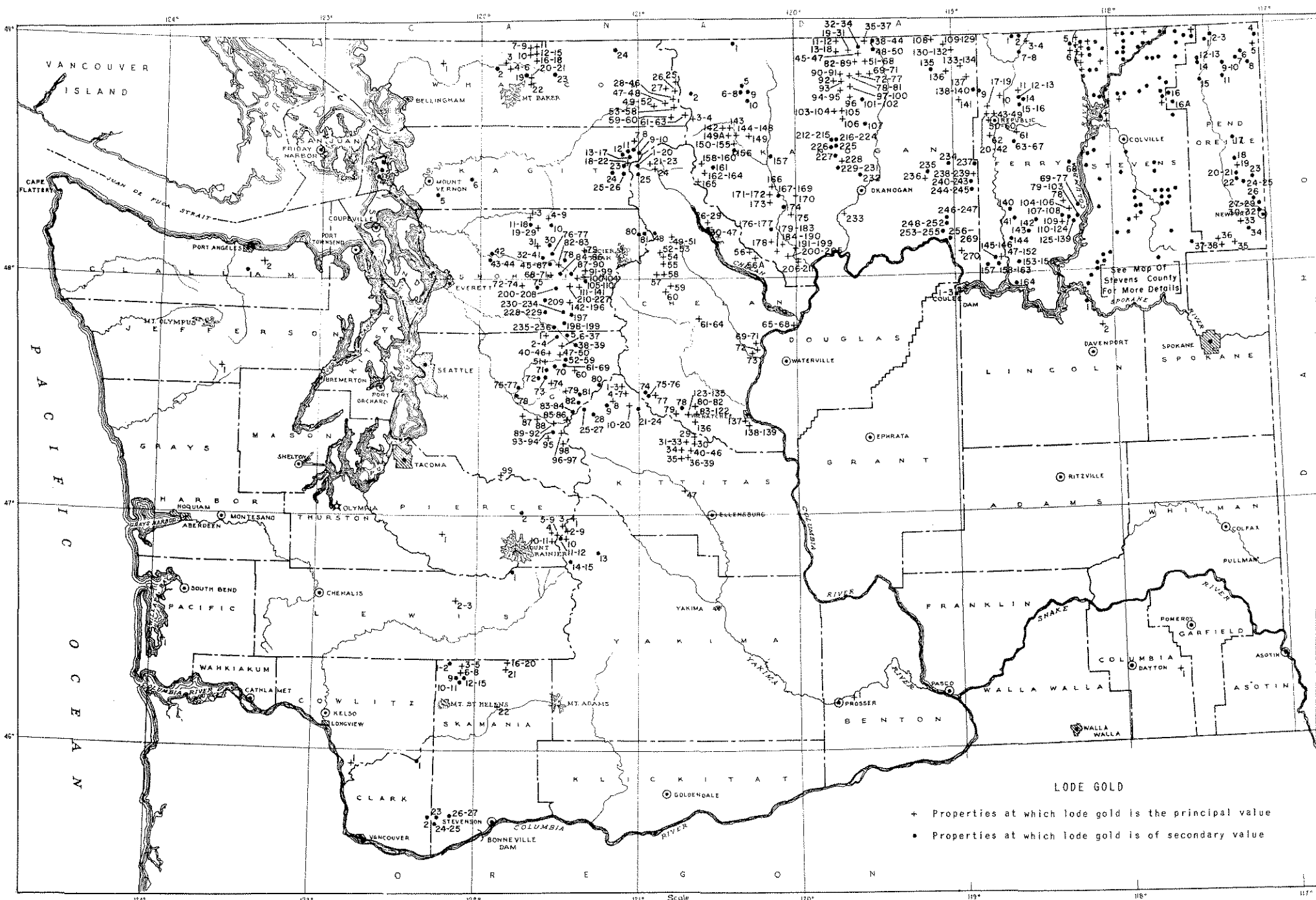
1. Nooksack
2. Midas

3. First Chance
4. Great Excelsior
5. Henrietta
6. Hoosier
7. Gargett
8. Gold Basin
9. Gold Run
10. Mansfield
11. Boundary Red Mountain
12. Evergreen
13. Gold Standard
14. Lone Jack
15. Saginaw
16. Blonden
17. Goat Mountain
18. Silver Tip
19. Chain Lakes
20. Iron Cap
21. Verona
22. Fourth of July
23. Ruth Mountain Pyrite
24. Silver Creek
25. Alphretta
26. Crown Point
27. Anacortes
28. Allen Basin
29. Alameda
30. Baltimore
31. Beck and Short Grub
32. Casa Grande
33. Chancellor
34. First Find
35. Goat
36. Homestake
37. Indiana
38. June Bug
39. Keystone
40. Mammoth
41. Myrtle
42. New Light
43. Ninety-nine
44. Tacoma
45. Tripod
46. Seattle-St. Louis
47. Anoka
48. North American
49. Morley B.
50. Veradell
51. B. C. & M.
52. Granite
53. Bird and Saw Pits
54. Bismarck
55. Gold Coin
56. Shanghai
57. Walla Walla
58. Whistler
59. Azurite
60. Gold Hill
61. Rockefeller
62. Trapper
63. Wright

## YAKIMA COUNTY

1. Gold Links
2. Black Hawk
3. Comstock
4. Crown Point
5. Damfino
6. Dry Spring
7. Fife
8. Gold Hill
9. Lolette
10. Elizabeth Gold Hill
11. Chinook
12. Highland
13. Richmond
14. Copper Mining Co.
15. New Find

**PLATE 8**  
**LODE GOLD**



See Map of  
Stevens County  
For More Details

Scale 0 10 20 30 40 Miles



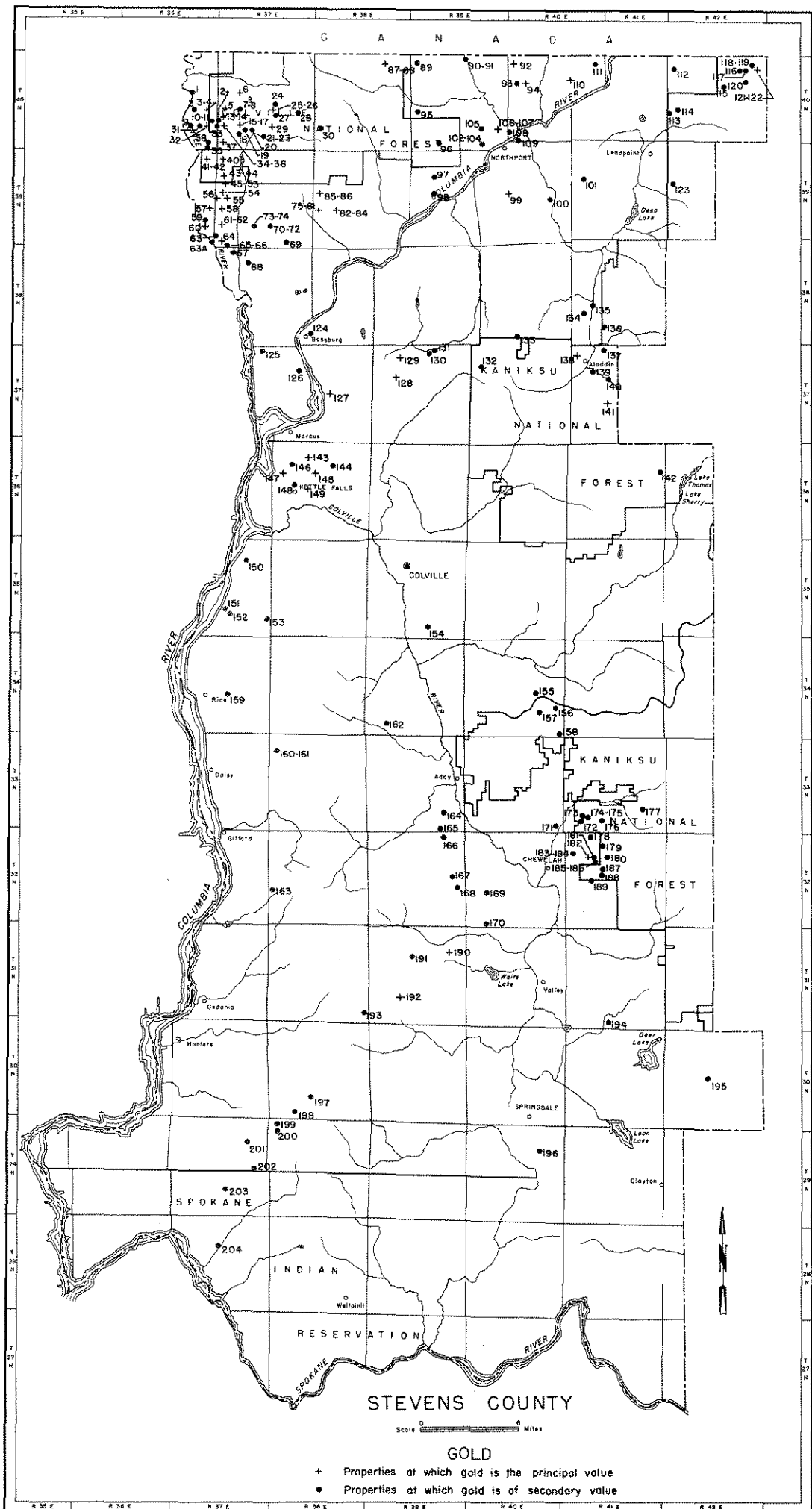
## LODE GOLD OCCURRENCES—Continued

### STEVENS COUNTY

(Numbers correspond to those on map and those following property names under lode gold, Stevens County, in volume I.)

1. Margarete	43. Oropacum	83. Montana	124. Young America	165. Platsburg
2. Perry	44. Titanic	84. Pedro	125. Napoleon	166. Liberty Copper
3. Eureka	45. Alice C	85. Blue Bird	126. Mullen Iron	167. Pacific Copper
4. McKinley	46. Butte	86. Hope and Twin Cabins	127. Gold Bar	168. Checops
5. White Elephant	47. First Thought	87. Molly Gibson	128. Red Sheaf	169. Superior Copper
6. Udehard	48. Hidden Treasure	88. Pay Streak	129. Pritchard and Harper	170. B and B
7. Lakeside	49. First Thought Extension	89. Comstock	130. Uncle Sam	171. Minnehaha
8. Summit	50. Michigan	90. Double Standard	131. A and C	172. United Copper
9. Three Orphans	51. Mount Olive	91. Great Republic	132. Galena Farm	173. Copper Queen
10. Iron Mask	52. Pennant	92. Fidelity	133. Van Stone	174. Amazon
11. Magul	53. Trophy	93. Elvick	134. Sierra Zinc	175. Chinto
12. Little Giant	54. Belmont	94. Lutjens	135. Copper King	176. Belcher
13. F. H. and C.	55. North Star	95. White Horse	136. Magma	177. Winslow
14. Gold Stake	56. Second Thought	96. Hubbard	137. Morning	178. Eagle
15. Blue Goose	57. Blue Grass	97. Bullion	138. Scott	179. Hecla
16. Monitor	58. Gem	98. Short Wait	139. Burrus	180. Nabob
17. Yellow Jacket	59. Defender	99. Northport	140. Aladdin	181. Jay Gould
18. Copper Jack	60. Sure Thing	100. Scandia	141. Wilkerson	182. McAdoo
19. Mystery	61. Nest Egg	101. Advance	142. Middleport	183. Chewelah Standard
20. Iron Horse	62. Trojan	102. Lone Star	143. Gold Ledge	184. Juno-Echo
21. McNaily	63. Audrey M.	103. Mountain View	144. Vanasse	185. Payne
22. Pelkey and Dille	63A. Orient, Crescent, and Deadwood	104. Mountain View Extension	145. Gold Reef	186. U. S. Copper Gold
23. Regina	64. American Boy	105. Coyote	146. Columbia River	187. Mullen
24. Jayhawker	65. Copper Butte	106. Moore	147. Sunday	188. Windfall
25. Easter Sunday	66. Globe	107. St. Crispin	148. Rightside	189. Montgomery
26. McNess	67. Scotia	108. Sunset	149. City View	190. Dumbolton
27. Pomeroy	68. Twilight	109. Sterrett	150. Ark	191. Edna
28. Big Iron	69. Graves	110. Clara	151. Acme	192. Admiral
29. Lem	70. Georgic	111. Moraski	152. Alma	193. Wells Fargo
30. Churchill	71. Pop	112. Roosevelt	153. Aguila	194. Loon Lake Copper
31. Comstock	72. Uncle Sam	113. Anaconda	154. Rocky Lake	195. Tungsten King
32. Bald Eagle	73. Coffey	114. Iroquois	155. Bear Mountain	196. Honest John
33. Tom Moore	74. Elmo	115. Highland	156. Chewelah Consolidated	197. Monahan
34. Fissure	75. Big Jim	116. United Treasure	157. Bertha M	198. Bonanza Copper
35. Montana and Washington	76. Centennial	117. Myeerah	158. Thomason Queen	199. Turk
36. Swamp King	77. Homestake	118. Buffalo	159. John Hays	200. Red Cloud
37. Beecher	78. Lottie	119. Frisco Standard	160. Daisy-Tempest	201. Brooks
38. Bryant	79. Minorca	120. Keough	161. Tempest	202. Germania
39. Viking	80. Orpha	121. Big Strike	162. Ham	203. Orazada
40. International	81. War Eagle	122. H. R. H.	163. Columbia Tungsten	204. O-Lo-Lim
41. Abe Lincoln	82. Antelope	123. Lucky Four	164. Krug	

PLATE 9  
LODE GOLD—  
STEVENS COUNTY



STEVENS COUNTY

Scale 0 6 Miles

GOLD

- + Properties at which gold is the principal value
- Properties at which gold is of secondary value

## PLACER GOLD OCCURRENCES

(Numbers correspond to those on map and those following property names under placer gold in volume 1.)

**ASOTIN COUNTY**

- Clarkston

**BENTON COUNTY**

- Artesian Coulee
- Gone Busted
- Blalock Island
- Berrian Island

**CHELAN COUNTY**

- Stehekin River
- Railroad Creek
- Lakeside
- Deep Creek
- Mad River
- Entiat River
- Icicle Creek
- Leavenworth
- Wenatchee River
- Wednesday
- Wenatchee
- Ingalls Creek
- Ruby Creek
- Bloom
- Nigger Creek
- Shaser Creek
- Cook
- Crawford
- Last Chance
- Peake and Son
- Simbach
- Solita
- Wilson
- Peshastin Creek

**CLALLAM COUNTY**

- Shi Shi Beach
- Ozette Beach
- Little Wink
- Morgan
- Morrow
- Yellow Banks
- Main and Bartnes
- Johnson Point
- Cedar Creek
- Sunset Creek

**CLARK COUNTY**

- McMunn
- Lewis River
- Brush Prairie
- Camas

**FERRY COUNTY**

- Singer
- Goosmus Creek
- Kettle River
- Frank Thorp
- Marcella
- Alva Stout

- Blance
- Dora B.
- San Pail River, West Fork
- Gold Creek
- Rico
- Daisy
- Johnson
- Stranger Creek
- Fruitland
- Taft
- Turtle Rapids
- Bridge Creek
- Thompson
- Blue Bar Island
- Stray Dog
- Rogers Bar
- Wilmont Bar
- Keller
- Ninemile
- Sixmile
- Threemile
- Plum Bar
- Covington Bar
- Bacon Bar
- Hellgate Bar
- Whitestone
- Peach Island
- Peach
- Kirby Bar

**GRANT COUNTY**

- A. B. C.
- Chinaman Bar

**GRAYS HARBOR COUNTY**

- Macclips River
- Oyhut
- Point Brown

**JEFFERSON COUNTY**

- Ruby Beach

**KING COUNTY**

- Tolt River
- Money Creek
- Raging River
- Snoqualmie

**KITTITAS COUNTY**

- Fortune Creek
- Big Salmon La Sac
- Teanaway River
- Cle Elum
- Manastash Creek
- Bear Cat
- Baker Creek
- Hinton-McCauley
- Naneum Creek

- Boulder Creek
- Nugget
- Old Bigney
- Becker
- Bryant Bar
- Burcham
- Dennett
- Cedar Creek
- Fraction
- Swauk Mining & Dredging
- Williams Creek
- Gold Bar
- Swauk Creek
- Sheep Springs
- Yakima River
- Perry
- Maggie Canyon
- General Minerals

**LINCOLN COUNTY**

- Barnell
- Clark
- Keller Ferry
- Winkelman Bar
- Creston Ferry
- Peach Bar
- China Bar

**OKANOGAN COUNTY**

- Olcott
- Similkameen
- Slate Rock
- Vancouver
- Wasco
- Similkameen Falls
- Cuba Line
- Walker
- Altoona
- Davey
- Dan Mooney
- Deadman Creek
- Fourth of July Creek
- Johnson
- Myers Creek
- Ottia May
- Spoonamore
- Mary Ann Creek
- Meadows
- Bollard
- Methow River
- Johnson
- Cassimer Bar
- Gold Bar
- Murray
- Hopkins
- Nespelem Bar
- Nespelem River
- Crouse

- Gold Creek
- Nugget
- Shotwell

**PACIFIC COUNTY**

- Ocean Park
- Fort Canby
- Sand Island

**PEND OREILLE COUNTY**

- Schierding
- Harvey Bar
- Sullivan Creek
- Schultz
- Browns Lake

**PIERCE COUNTY**

- Ogren
- Silver Creek
- Morse Creek

**SKAGIT COUNTY**

- Anacortes
- Day Creek

**SKAMANIA COUNTY**

- Hudson and Meyers
- Texas Gulch

**SNOHOMISH COUNTY**

- Calf Moose
- Cow Moose
- Darrington
- Deer Creek
- Granite Falls
- Peterson
- Double Eagle
- Alpha and Beta
- Condor
- Emerson
- Franklin
- Jones
- Junction
- Lockwood
- Orient
- Blake
- Cox
- Junction Nos. 1 to 3
- Sultan Canyon
- Black Hawk
- Yreka
- Aristo
- Bertha D.
- Heien Deahn
- Horseshoe Bend
- Merry Mixer
- Mom and Pop
- Pork Barrel
- Sultan River
- Alder

- Ida
- Sultan
- Gold Bar
- Line a Little
- Bench
- Bonnie Belle
- Dixie
- Douglas
- Leon
- Phoenix
- Howard
- Olympic

**STEVENS COUNTY**

- No Bear
- Nigger Bar
- Evans
- Reed and Roberts
- Nigger Creek Bar
- Northport Bar
- Nobles
- Orient
- China Bend
- Ninemile Bar
- Bossburg Bar
- Valbush Bar
- Sandoz
- Brod-Hurst
- Marcus
- Meyers Falls
- Holsten
- Collins
- Blue Bar
- La Dow
- Gibson Bar

**WHATCOM COUNTY**

- Hope
- Rose
- Scougale
- Jackass
- Woodrich
- Combination
- Alice Mae
- Lazy Tar Heel
- Nip and Tuck
- Johnnie S.
- Old Discovery
- Farrar
- New Light
- Grizzly
- Ruby Creek

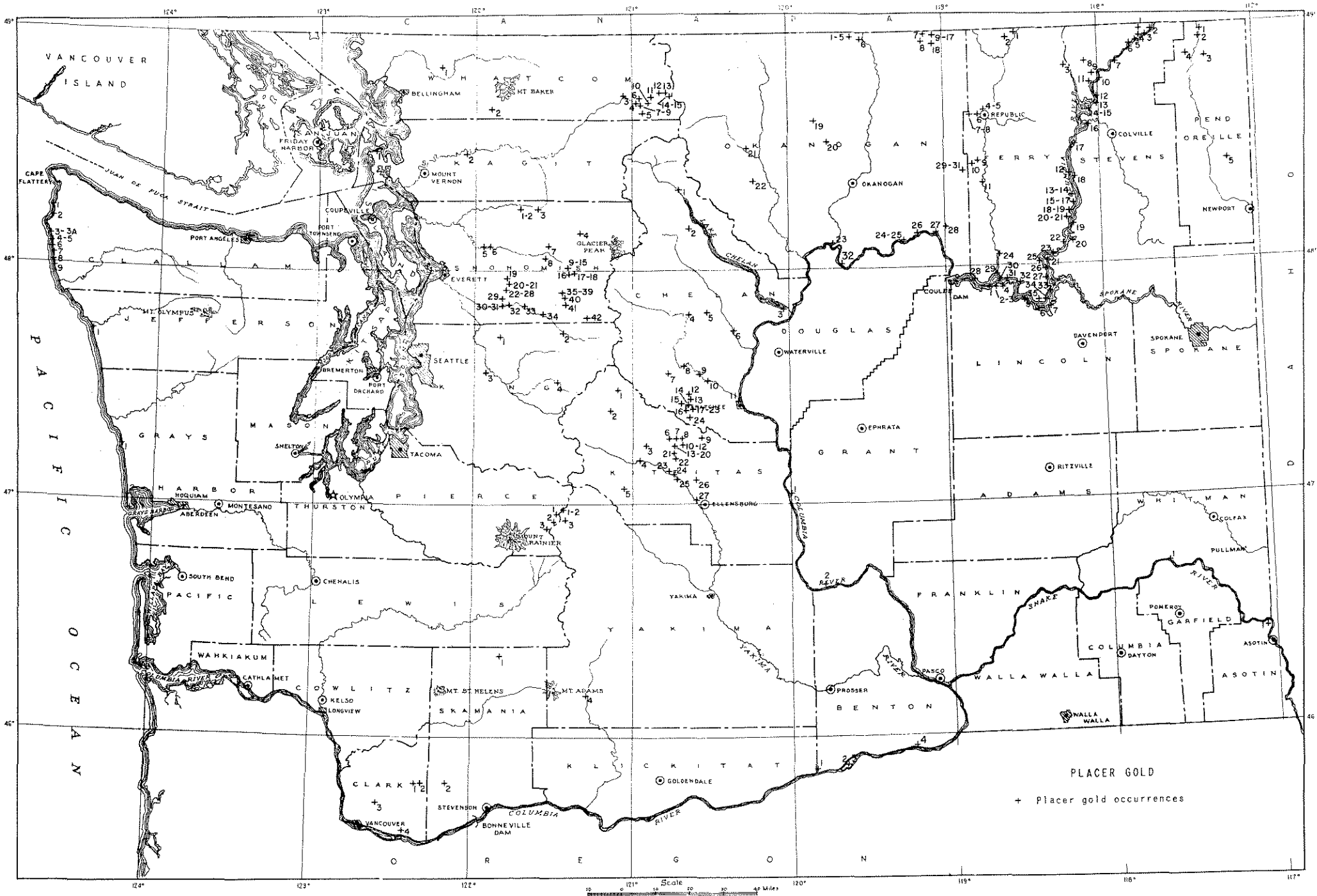
**WHITMAN COUNTY**

- Indian Bar

**YAKIMA COUNTY**

- Elizabeth
- Gold Links
- Gold Hill
- Surveyors Creek

**PLATE 10**  
**PLACER GOLD**



PLACER GOLD  
+ Placer gold occurrences

## IRON OCCURRENCES

(Numbers correspond to those on map and those following property names under iron in volume 1.)

### ASOTIN COUNTY

1. Clarkston Placer

### CHELAN COUNTY

1. First Creek
2. Nigger Creek
3. Blewett
4. Rothert

### CLALLAM COUNTY

1. Shi Shi Beach Placer
2. Yellow Banks Placer
3. Cedar Creek Placer

### CLARK COUNTY

1. McMunn Placer
2. Brush Prairie Placer
3. Howland Acres
4. Washougal
5. Camas Placer

### COWLITZ COUNTY

1. Ayers

### FERRY COUNTY

1. Kelly Camp
2. Wiseman
3. Lamfoot
4. Winnipeg
5. Hawkeye
6. Lambert Creek
7. Iron Chief
8. Copper Key
9. Belcher
10. Oversight
11. Belcher
12. Wilmont Bar Placer

### GRAYS HARBOR COUNTY

1. Elma

### JEFFERSON COUNTY

1. Chimacum Valley
2. Mount Claywood
3. Black Hump
4. North Pole Quartz

### KING COUNTY

1. Anderson
2. Williams-Smith
3. Green Mountain
4. Guye
5. Kelley
6. Denny
7. Cliff
8. Climax
9. Dobroff

### KITTITAS COUNTY

1. Cle Elum River, north deposit
2. Cle Elum River, south deposit
3. Teanaway
4. Iron Peak
5. Bean Creek
6. Stafford Creek
7. Big Creek
8. Taneum
9. Durrwachter
10. Manastash Creek

### MASON COUNTY

1. Triple Trip

### OKANOGAN COUNTY

1. Peerless
2. Kelsey
3. Finella
4. Copper World Extension
5. Dutch John

6. Fuller
7. Strawberry Lake
8. Myers Creek
9. Aztec
10. Copper Queen
11. Gold Axe
12. Magnetic
13. Monterey
14. Number Nine
15. Roosevelt
16. Crystal Butte
17. Crouse Placer
18. Hidden Treasure
19. Ramsey
20. Great Western
21. Twin Pine
22. Home Run
23. Iron Cap
24. Eureka
25. Iron Crown
26. Controller
27. Red Bird
28. Rebecca

### PACIFIC COUNTY

1. Chetlo Harbor
2. Beards Hollow Placer
3. Fort Canby Placer
4. Sand Island Placer
5. McGowan Placer

### PEND OREILLE COUNTY

1. Saddle
2. Lead Metal
3. Lucky Strike
4. Red Crown
5. Gem
6. Washington
7. Lehigh

8. Wolf Creek
9. Reynolds Creek

### SKAGIT COUNTY

1. Eagle
2. Fairhaven
3. Hamilton
4. Katie
5. Last Chance
6. Mabel
7. Mayflower
8. O'Toole
9. Pittsburg
10. Puget
11. Scottish Chief
12. Tacoma
13. Tennessee No. 3
14. Treadwell
15. Tyee
16. Washington

### SNOHOMISH COUNTY

1. Pilchuck Creek
2. Arlington
3. Jefferson
4. Coe
5. Darrington
6. Lackwood Pyrite
7. Florence Rae
8. Blue Stone
9. Florence-Rae

### STEVENS COUNTY

1. Big Iron
2. Iron Horse
3. I. X. L.
4. Scotia
5. Napoleon
6. Mullen Iron
7. Lucile
8. Bechtol

9. Thompson
10. Electric Point
11. Gladstone
12. Keystone
13. Idler
14. Copper King
15. Burrus
16. Chloride Queen
17. Lenno's Luck
18. Chapman
19. Taylor
20. McKale
21. Kulzer
22. Loon Lake
23. Deer Lake
24. Deer Lake Road
25. Cannon
26. Mally
27. Northwest Magnesite
28. Bill Nye
29. Hill
30. Brown
31. Clay
32. Iron Duke-Iron Duchess
33. Read
34. Conners
35. Wolfley

### THURSTON COUNTY

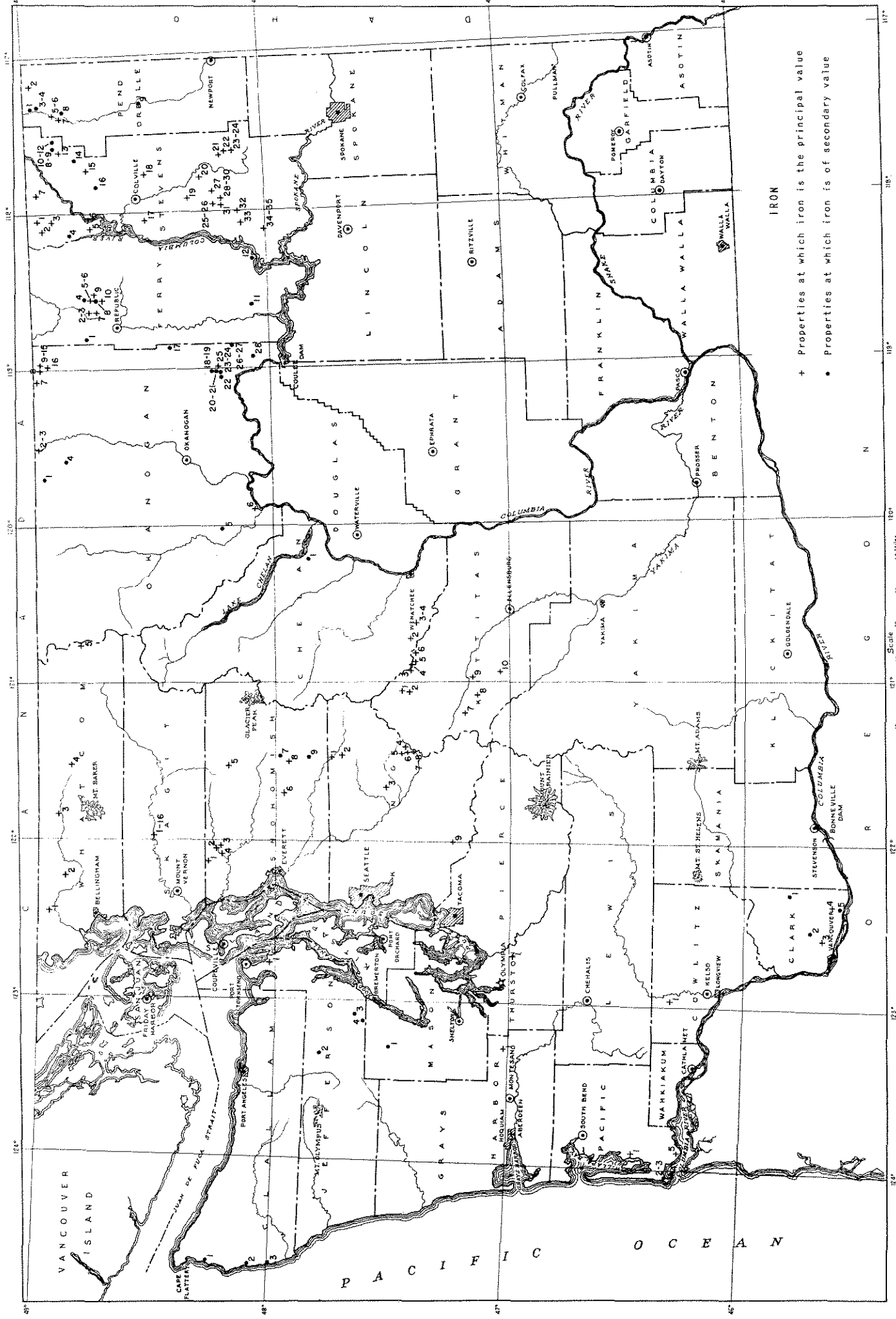
1. St. Clair Lake

### WHATCOM COUNTY

1. Sturman and Herringa
2. Sumos Mountain
3. Church Mountain
4. Ruth Mountain Pyrite
5. Jim Mountain







**IRON**

- + Properties at which iron is the principal value
- Properties at which iron is of secondary value

Scale  
0 10 20 Miles

## LEAD OCCURRENCES

(Numbers correspond to those on map and those following property names under lead in volume 1.)

**CHELAN COUNTY**

1. Belcher
2. Logan
3. Marlin
4. Ombompo
5. Summit
6. Black Warrior
7. Cascade Consolidated
8. Davenport
9. Doubtful
10. Falls
11. Franklin
12. Galena
13. Horseshoe Basin
14. Panama No. 2
15. Quien Sabe
16. Rouse
17. Spokane Boy and Girl
18. Billy Jack
19. Clogstone
20. Silver Jack
21. Defender
22. Tiger
23. Nebraska
24. Cascade
25. Orphan Boy
26. Silver King
27. Sunday Morning
28. Silver Trail
29. North Star
30. Holden
31. Red Mountain
32. Van Epps
33. Silver Fiend
34. White Star
35. Humbug
36. Daisy Dean
37. Peshastin

**CLARK COUNTY**

1. Silver Star

**COWLITZ COUNTY**

1. Green Mountain

**FERRY COUNTY**

1. Cornstock
2. Lancaster
3. Panama
4. Boston & New York
5. Talisman
6. Jennie
7. California
8. Blue Horse
9. Blue Jacket
10. Juno
11. Silver Tip
12. Chief Barnaby
13. Big Lake
14. Galena
15. Gwin
16. Cold Spring
17. Dan Patch
18. Great Eastern
19. Great Scott
20. J. H. E.
21. Monarch
22. Ren Rice
23. Roulette
24. St. Paul
25. Gold Twenty
26. Goldsmith
27. Good Ore
28. Advance
29. Big Chief
30. Black Hawk
31. Black Tail
32. Butterfly
33. Colorado
34. Discovery
35. Drummond
36. Joker
37. Kentucky Bell
38. Lakeview Fraction
39. Legal Tender
40. Little Jay
41. Lone Pine
42. Longstreet
43. Messenger
44. Ohio
45. Polaris
46. Robert E. Lee
47. Royal Ann
48. Shoo Fly
49. Silver Spar
50. Summit
51. Three Pines
52. White Tail
53. Admiral
54. Ajax
55. Black Thorn
56. Captain
57. Dead Shot
58. Dill
59. Etta
60. Imperial
61. Juliet
62. Keystone
63. King Fraction
64. Meteor
65. Montana
66. New York
67. Oom Paul
68. Prescott
69. Red Chief
70. Romulus
71. St. Patrick
72. Several
73. Several Fraction
74. Snowstorm
75. Stray Dog
76. Syndicate
77. Vernie
78. White Rose
79. Reserve
80. Neglected
81. Grandview
82. Laura S.
83. Silver Queen
84. Nez Perce
85. Paulsen
86. Blue Bird
87. Greasy Run
88. I. X. L.
89. Idora
90. King Solomon
91. Mayflower
92. Ninemile Creek
93. Pilgrim
94. Plymouth Rock
95. Quandary
96. Silver Crown No. 3
97. Silver Dollar
98. Silver Plume
99. Sunset
100. Twin Pines
101. Blue Jay
102. Jaybird
103. Laurel
104. Rattlesnake
105. Silver Bell
106. Silver Leaf
107. Yellowstone
108. Zearn
109. Hines
110. McJunkin
111. Colorado

112. Oregon
113. U. S.
114. Mabel T.
115. Frosty Meadow
116. Anderson
117. Henneway
118. Shamrock
119. Burlington and Delaware
120. Sainave
121. Wanda Mountain
122. Mono
123. Great Northern
124. Mineral Hill
125. Abe Lincoln
126. Clay
127. Meadow Creek
128. Humboldt
129. Illinois
130. Palepick
131. Walla Walla
132. Addie B
133. North Star
134. Ophir
135. Rover Bonanza
136. Addison
137. Golden Cord
138. Summit
139. Silver King
140. Poor Man's Hope

**KING COUNTY**

1. Anderson
2. Salmon Creek
3. Treasury Lead
4. Mohawk
5. Apex
6. Damon and Pythias
7. Neptune
8. Last Chance
9. Lone Star
10. Coney Basin
11. Dawson
12. King and Kinney
13. Lynn
14. Seattle-Cascade
15. Three S Gulch
16. Aces Up
17. Cleopatra
18. Bear Basin
19. Silver Star
20. Mount Phelps
21. Philippi Lake
22. Lennox
23. Goat Mountain
24. Jack Pot
25. Lost Lode
26. Ellis
27. Mount Si
28. Dutch Miller
29. Copper Chief
30. Guye
31. Solomon
32. Carmack

**KITTITAS COUNTY**

1. Granite King
2. Cascade Mining
3. Good Luck
4. Esther and Louisa
5. Silver Dump
6. Camp Creek

**LEWIS COUNTY**

1. Mineral Creek
2. Waterfall
3. Eliza
4. Goldie

**LINCOLN COUNTY**

1. Crystal
2. John L.
3. Lincoln
4. Egypt
5. Fouress
6. Valley View
7. Elkhorn

**OKANOGAN COUNTY**

1. Wolframite
2. Hanks
3. Billy Goat
4. Carr
5. Lead Horse
6. Cornwall
7. Daisy
8. Mazama Queen
9. Silver King
10. Spokane
11. Twisp View
12. Heath
13. Rattlesnake
14. Peoria
15. Antimony Queen
16. Bolinger
17. Hidden Treasure
18. Golden Zone
19. California
20. Catherine
21. Curlew
22. Eagle
23. Eloise
24. Favorite
25. Four Metals
26. Kaaba
27. Little Chopaka
28. Nighthawk
29. Summit
30. Number One
31. Ruby
32. Eureka
33. Lone Pine
34. Rich Bar
35. Horn Silver
36. Okanogan Free Gold
37. Prize
38. Julia
39. Empire
40. Security
41. Gold Hill
42. Palmer Mountain Tunnel
43. Hiawatha
44. Spokane
45. Triune
46. Kimberly
47. Chicago
48. Palmer Summit
49. Rainbow
50. Buckeye
51. Leadville
52. Pinnacle
53. Silver Mountain
54. Carl Frederick
55. Central
56. Tonasket
57. Chief Sunshine
58. Eureka
59. Lone Star
60. Frankie Boy
61. Copper King
62. Esther
63. Gubser
64. Homestake
65. Key
66. Mineral Hill

67. Minnehaha
68. Monitor
69. Okanogan Belle
70. Salmon River
71. Silver King
72. Tough Nut
73. Lady of the Lake
74. Peacock
75. Blue Grouse
76. First Thought
77. Kansas
78. Last Chance
79. Leonora
80. Marguerite
81. Nevada
82. Republic
83. Wyoming
84. Arlington
85. Sonny Boy
86. Woo Loo Moo Loo
87. Sherman
88. Poland China
89. Carluist
90. Olentangy
91. Delate
92. Apex
93. Butcher Boy
94. Yakima
95. Monterey
96. Crystal Butte
97. Whitestone
98. Sheridan
99. Atkins
100. Wasco
101. Castle Creek
102. Eureka
103. Hanford
104. Mountain Boy
105. Park and Central
106. Poorman
107. Sharp and Balthus
108. Snowshoe
109. Summit
110. Three L's
111. General Miles
112. Hercules
113. Independent
114. Ramore
115. Great Western
116. Multnomah
117. Goodenuf
118. Andy O'Neil
119. Evening
120. Great Divide
121. Kankakee
122. Pittsburg
123. Anna
124. Silver Point
125. Anchor
126. Apache
127. Cabin
128. Gould & Curry
129. Oversight
130. St. Paul
131. Tip Top
132. Silver Cliff

**PACIFIC COUNTY**

1. Naselle

**PEND OREILLE COUNTY**

(See plate 13.)

**PIERCE COUNTY**

1. Silver Creek Gold & Lead
2. Silver Creek

## LEAD OCCURRENCES—Continued

## SKAGIT COUNTY

1. Willis and Everett
2. Skagit Queen
3. Hartford
4. Ontario
5. Sierra Grande
6. Logan No. 2
7. Protection
8. Silver Tip
9. Stenmo
10. Thunder Creek
11. Eldorado
12. Alta
13. Boston
14. Chicago
15. West Seattle
16. Friend
17. Kildare
18. Midas
19. Queen and Buchanan
20. Soldier Boy
21. Ventura
22. Granite
23. Johnsburg
24. Cascade
25. Epoch
26. Michigan
27. Grand Republic
28. Pioneer

## SKAMANIA COUNTY

1. Minnie Alice
2. Independence
3. Snowflake
4. Bonanza
5. Grizzly Creek
6. Galconda
7. Commonwealth
8. Mount Fairy
9. Zinc Creek
10. Last Chance
11. Rainbow

## SNOHOMISH COUNTY

1. Wayside
2. Yankee Boy
3. Larson
4. Feldt
5. Gray Mare
6. Sunrise
7. Whitehorse
8. Courtney
9. Hunter
10. Nesta
11. Queen Anne
12. Gold Mountain
13. Glacier Peak
14. Deerfly
15. Arlington
16. Bald Mountain
17. Silver Coin
18. Eureka

19. Cleveland
20. Granite and Maud
21. Imperial
22. Lulu
23. Nickel Bird
24. Bell and Crown
25. "45"
26. Milwaukee
27. Ala-Dickson
28. Big Four
29. Cornucopia
30. Silver Horseshoe
31. Rustler
32. Baltimore
33. Keystone
34. Foggy
35. Republican
36. Whistler
37. Monte Cristo
38. Emma Moore
39. Good Hope
40. J. B.
41. Peabody
42. Seventy Six
43. Silver Lake
44. Silver Queen
45. Daisy
46. Morning Star
47. Alta
48. Bear
49. Billy Lee
50. Bluebell

51. Champion
52. Copper Chief
53. Crown Point
54. Four Brothers
55. Gettysburg
56. Gypsy Queen
57. Idaho
58. Jasperson
59. Lockwood
60. Martin Engdahl
61. Mineral Mines
62. Ontario
63. Red Cloud
64. Ruby King
65. Vandalia
66. Le Roy
67. O and B
68. Tobique and Lalla Rookh
69. Gold Bar
70. Mineral Center
71. Washington-Iowa
72. Calumet
73. Florence Rae
74. Jones
75. Blue Bird
76. Editor
77. Gray Eagle
78. Index Gold Mines, Inc.
79. Kazian
80. Last Chance

81. P. I.
82. Sunset and Beatrice
83. Cooperative

## SPOKANE COUNTY

1. Silver Hill

## STEVENS COUNTY

(See plate 14.)

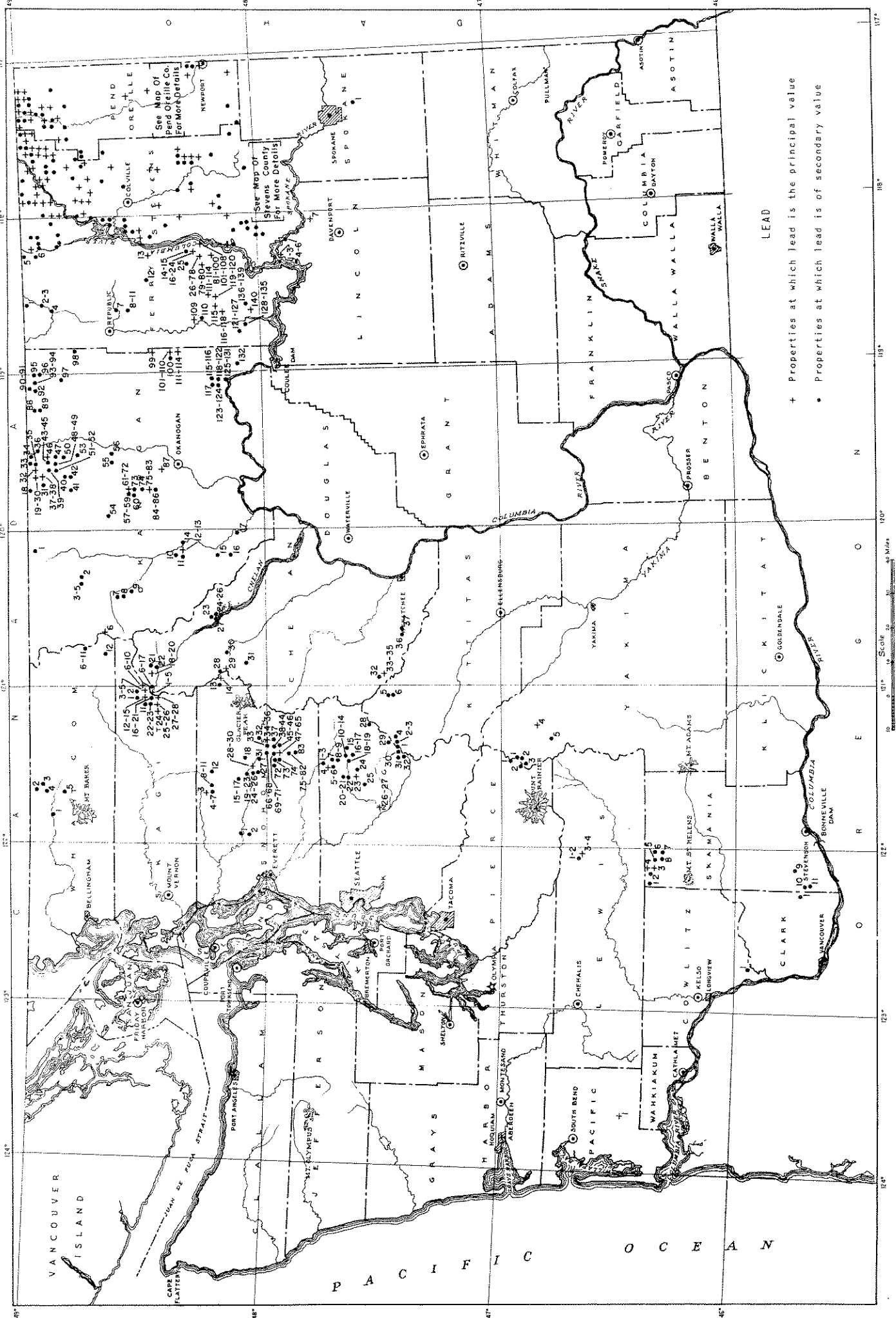
## WHATCOM COUNTY

1. Great Excelsior
2. Gargett
3. Saginaw
4. Evergreen
5. Verona
6. Allen Basin
7. Baltimore Mines, Inc.
8. Chancellor
9. Gold Hill
10. Mammoth
11. Tacoma
12. Azurite

## YAKIMA COUNTY

1. Gold Hill
2. Elizabeth Gold Hill
3. Chinook
4. Richmond
5. Keystone

**PLATE 12**  
**LEAD**



**LEAD**

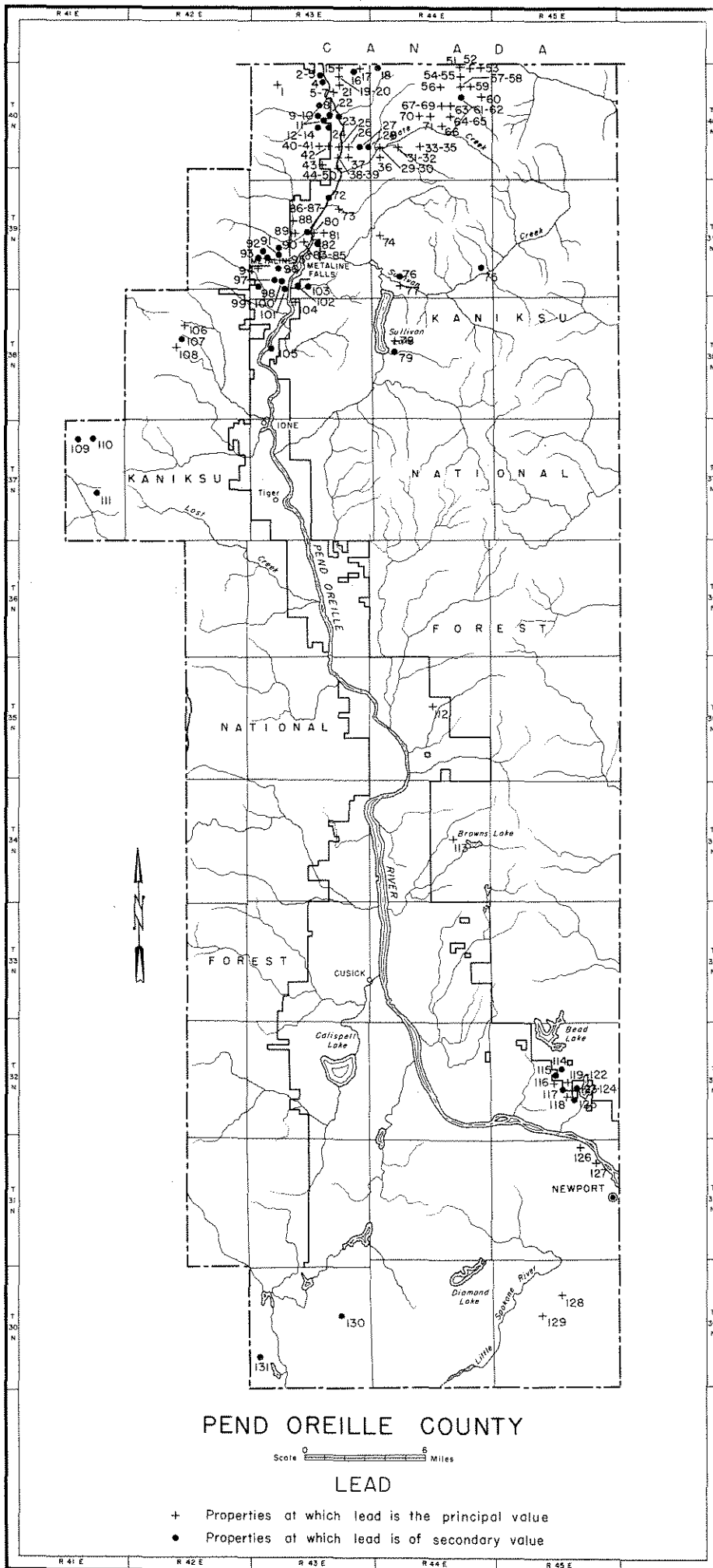
- + Properties at which lead is the principal value
- Properties at which lead is of secondary value

**LEAD OCCURRENCES—Continued**  
**PEND OREILLE COUNTY**

(Numbers correspond to those on map and those following property names under lead, Pend Oreille County, in volume I.)

1. Caribou	26. Auburn	55. Kurlaw	81. Mohawk	107. Coffin
2. Gardner	27. Gilt Top	56. Lucky Boy	82. Grandview mine	108. Corzine
3. Tom Cat	28. Lucky Boy Rex	57. Lost Chance	83. Metaline Falls	109. La Sota
4. Hanley	29. Dumont	58. Salmon	84. Washington	110. Barefoot
5. Lead Queen	30. Lookout	59. Hidden Treasure	85. Gem	111. Rocky Creek
6. Torrential-Sphinx	31. Eureka	60. Gold Hill	86. Pend Oreille Mines & Metals Co.	112. Mule Deer
7. Z Canyon	32. Star	61. Lead Hill	87. Josephine	113. Skippy and Queen Bess
8. Peewee	33. Eagle	62. Lead Metal	88. Sullivan	114. Baker City
9. Columbia Lead & Zinc Mining Co.	34. Star	63. Iron Cap	89. Hortense	115. Gold Coin- Hardtack
10. Pay Day	35. Uncas	64. Whoopie- Galena Hill	90. Bob Tail and Four Flush	116. Meteor
11. Cliff	36. Holiday	65. Jenny Dee- Snowshoe	91. Metaline Contact	117. Alger and McCullough
12. Giant-Flying Squirrel	37. Last Chance	66. Troyer	92. Oriole	118. Kootenai Conquest
13. Hoage	38. Nelroe	67. Hemlock	93. Diamond Eagle	119. Bead Lake
14. Twin Lakes	39. Riverview	68. Mack	94. Diamond R.	120. Comstock
15. Mountain Goat	40. Lead King	69. Maybeso	95. Fairview-Hoosier	121. Key Fraction
16. Lakeview	41. Woodpecker	70. Sunshine	96. Ace Ten Spot	122. Snowbird and Stanley
17. M M	42. Beaty	71. Lead Hill Extension	97. Blue Bucket	123. Campbell
18. Pond Oreille Iron, Lead, and Zinc	43. Mockingbird	72. Metaline Metals	98. O. K.	124. Hawkeye-Gray Eagle-Last Chance
19. Z Canyon Mutual	44. Falls View	73. Schallenberger	99. Bella May	125. Independence
20. Boundary	45. Iron Crown	74. Elliot	100. Sterling	126. General MacArthur
21. Silver Crescent	46. Lucky Strike	75. Cougar	101. Metaline Mining & Leasing Co.	127. Ries
22. Saddle	47. Meade	76. Prouty	102. Pearson	128. Lloyd
23. Georgia Rose- Texas Slim	48. Red Crown	77. Pat	103. Ore Hill	129. Mount Pisgah
24. Pine Cone-Z Canyon	49. Riverside	78. Poorman and Sullivan Lake	104. Wolf Creek	130. Hansen
25. Flusey-Hoopala	50. Robert E. Lee	79. Little Noisy	105. Blue Jim	131. Pindle
	51. Tamarack	80. Morning and Mammoth	106. Jim Creek	
	52. Red Top			
	53. Sanborn			
	54. King Tut			

PLATE 13  
LEAD—  
PEND OREILLE  
COUNTY



PEND OREILLE COUNTY

Scale 0 6 Miles

LEAD

- + Properties at which lead is the principal value
- Properties at which lead is of secondary value



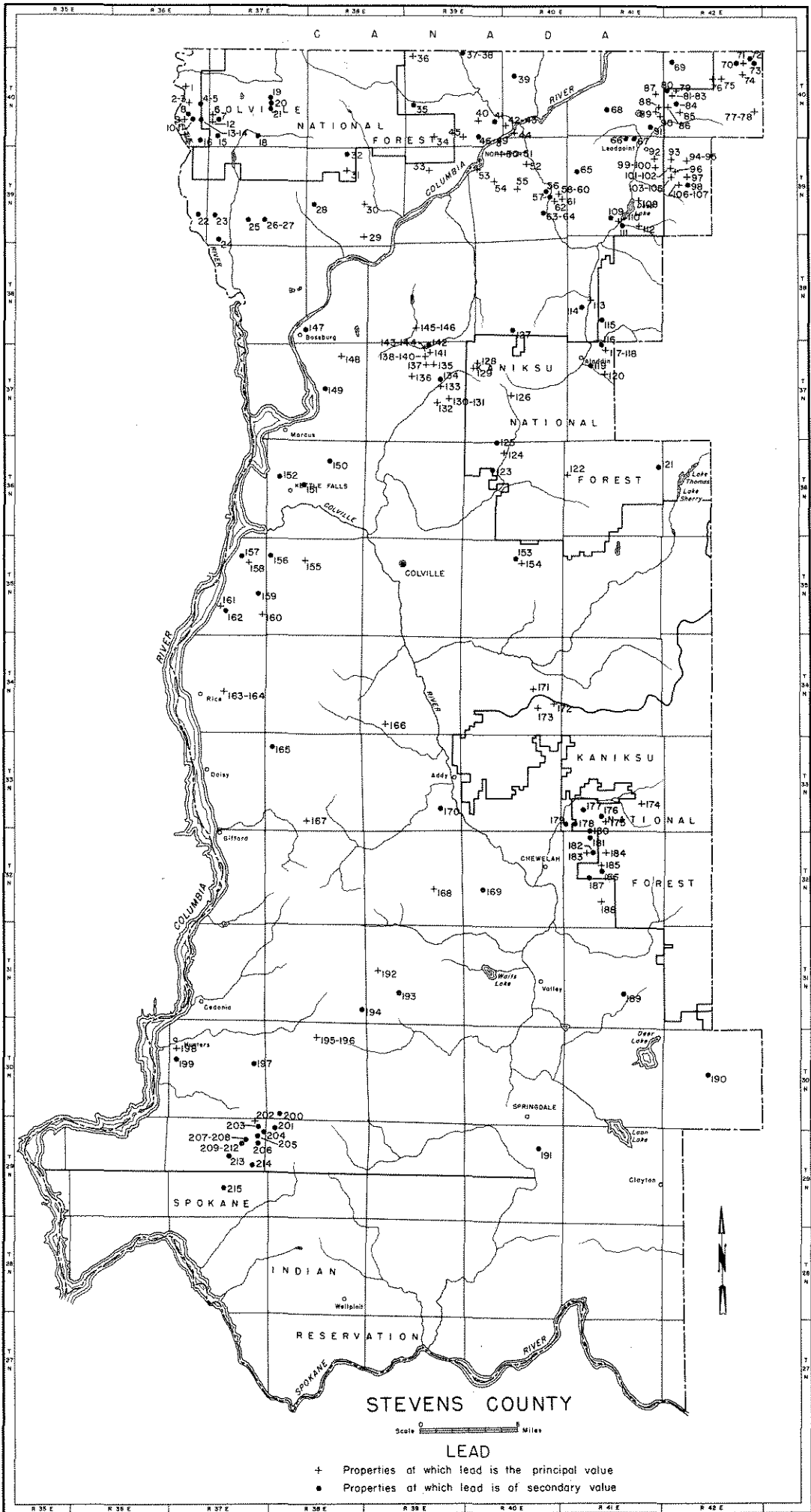
## LEAD OCCURRENCES—Continued

## STEVENS COUNTY

(Numbers correspond to those on map and those following property names under lead, Stevens County, in volume 1.)

1. Margarete	37. Double Standard	72. Frisco Standard	109. Plug	146. Silver Trail	182. Jay Gould
2. Perry	38. Great Republic	73. Buffalo	110. Young	147. Young America	183. Niles
3. Rockcut	39. Elvick	74. Keough	111. Farmer	148. Bonanza	184. Fred B.
4. Eureka	40. Coyote	75. Highland	112. Maki	149. Gold Bar	185. Mullen
5. McKinley	41. St. Crispin	76. Just Time	113. Copper King	150. Vanasse	186. Windfall
6. Little Giant	42. Sunset	77. Evergreen	114. Sierra Zinc	151. City View	187. Montgomery
7. Montana and Washington	43. Riverview	78. Olympia	115. Magma	152. Rightside	188. Mayflower
8. Lucky Charlie	44. Sterrett	79. Ranch View	116. Morning	153. Old Dominion	189. Banshee
9. Three Orphans	45. Providence	80. Jackson	117. Monday Morning	154. Ore Cache	190. Tungsten King
10. Comstock	46. Lone Star	81. Hazel	118. Oakshott	155. Bluegrouse	191. Honest John
11. Stenwinder	47. Mineral Belt	82. Lucile	119. Burrus	156. Lynn	192. Double Eagle
12. Tom Moore	48. Mountain View	83. Scaman	120. Aladdin	157. Ark	193. Admiral
13. Bald Eagle	49. Mountain View Extension	84. Iroquois	121. Middleport	158. E. M. C.	194. Wells Fargo
14. Iron Mask	50. Northern Light	85. Prosperity	122. Longshot	159. Fish	195. Cleveland
15. Beecher	51. Silver Crown	86. Anaconda	123. Shoemaker	160. Aguila	196. Orchid
16. Viking	52. Cast Steel	87. Eldorado	124. Michigan Boy	161. Acme	197. North Monitor
17. Galena Hill	53. Ibex	88. Copper King	125. Joe Creek	162. Alma	198. Chloride
18. McNally	54. Short Wait	89. Hartbauer	126. Galena Knob	163. John Hays	199. Sandiego
19. Jayhawker	55. Stonewall- Sunnyside	90. Red Top	127. Van Stone	164. Rosebud	200. Togo
20. Easter Sunday	56. Scandia	91. Admiral Consolidated	128. Galena Farm	165. Daisy-Tempest	201. Red Cloud
21. Pomeroy	57. Deep Creek	92. Treadwell	129. Lucky Boy	166. Ham	202. Little Frank
22. Defender	58. Black Rock	93. Lead Trust	130. Center Star	167. Silver Summit	203. Legal Tender
23. Trojan	59. Empire	94. Black Cat	131. Chloride Queen	168. Nevada	204. Providence
24. Globe	60. Helena Johnson	95. Red Iron	132. Avondale-Dome	169. Superior Copper	205. Deer Trail
25. Coffey	61. Last Chance	96. Blue Lime	133. Big Chief	170. Krug	206. Hoodoo
26. Georgic	62. Great Western	97. Elk	134. Echo	171. Bear Mountain	207. Brooks
27. Uncle Sam	63. New England	98. Keystone	135. Neglected	172. Chewelah	208. Queen
28. Homestake	64. Occidental	99. Great Northern	136. Lucky Stone	Consolidated	209. Moonshine- Johnny Boy
29. McKinley	65. Advance	100. Lead King	137. Leadville	173. Bertha M.	210. Plata Fino
30. Galena Hill	66. A. Anderson	101. Crystal	138. Batts	174. Winslow	211. Plata Rica
31. Homebuilder	67. Anderson	102. Leon C.	139. Crackerjack	175. Wilkie Lode	212. Saturday Night- Sunday Morning
32. Flat Creek	68. Meirose	103. Anderson	140. Monarch	176. Belcher	213. Aichan Bee
33. Bullion	69. Roosevelt	104. Lucky Four	141. New Leadville	177. Copper Queen	214. Germania
34. Hubbard	70. United Treasure	105. Wildcat	142. A and C	178. John Day	215. Orazada
35. White Horse	71. Myerah	106. Electric Point	143. R. J.	179. Jay Dee	
36. Comstock		107. Gladstone	144. Uncle Sam	180. Eagle	
		108. Bechtol	145. Al Ki	181. Redwood	

PLATE 14  
LEAD—  
STEVENS COUNTY



## MANGANESE OCCURRENCES

(Numbers correspond to those on map and those following property names under manganese in volume 1.)

### CLALLAM COUNTY

1. Sekiu River
2. Royal
3. State Lease
4. Bear Ridge
5. Victor
6. Kate
7. Seattle
8. Clallam
9. Maybee
10. Riverside
11. Blue Eyes
12. Barbara
13. Eureka Creek
14. Pine Ridge
15. Section 23
16. Sunrise
17. Associated
18. Lost Kremer
19. Ed B
20. Lucky Strike
21. June
22. Last Chance
23. Littleton
24. Olympia Star
25. Peacock and Johnnie M.
26. St. Regis
27. Helen
28. Divide
29. Lena
30. Summit
31. Three Musketeers
32. Sunshine
33. Crescent
34. Lookout
35. Old Gold Quartz

36. Peggy
37. Charles A.
38. Charles G.
39. Daisy
40. Daddy and Mother
41. Bright Angel
42. Hemlock
43. Storm King
44. Beans
45. Cedar
46. Thompson
47. Bertha
48. Aurora Ridge
49. Barnes Creek
50. Lady Norma
51. Griff Creek
52. Hurricane
53. Skookum
54. Chappie
55. Hurricane Hill Lookout
56. J and J and Sunset
57. Whistler Flats South
58. Whistler Flats Southwest
59. Broken Shovel
60. Ella
61. F. and L.
62. Idaho, Broken Shovel, and Ella
63. Mount Angeles

### FERRY COUNTY

1. Meteor
2. Last Chance
3. Humboldt

### GRAYS HARBOR COUNTY

1. Fishel
2. Cook Creek
3. East Cook Creek
4. Egge
5. Esther-Irene
6. Lizard
7. Skunk-Cook Creek Divide
8. Antlers
9. Black Wonder
10. Pioneer
11. Richards
12. Star
13. Stevens Creek
14. Stevens Creek, North Fork
15. Burnt Peak
16. Excelsior
17. Paramont
18. Superior
19. Supreme
20. Wynoochee
21. Knowles
22. Fossburg
23. A. E. Graham
24. Grays Harbor Title
25. W. H. Hopkinson
26. Hydman
27. Ralfson
28. Robinson
29. Thomas Svendsen
30. Polson

### JEFFERSON COUNTY

1. Mount Claywood
2. Tubal Cain
3. Tull City
4. Elkhorn
5. Karnes
6. Albino Rodriguez
7. Lucky Creek
8. Duckabush River
9. Black Hump
10. North Pole Quartz

### KITTITAS COUNTY

1. Denney

### LEWIS COUNTY

1. Chehalis River

### MASON COUNTY

1. Arkansas Traveler
2. Black and White
3. Smith
4. Black Hump
5. Black Queen
6. Hi Hope
7. Rose Aster
8. Triple Trip
9. Apex
10. McKean
11. Bosnia
12. India
13. Jolly Jack
14. Widow
15. Old Crow

### OKANOGAN COUNTY

1. Moore
2. Pogue Flat
3. Silver Cliff
4. St. Paul

### PEND OREILLE COUNTY

1. Sterling

### SKAGIT COUNTY

1. Fidalgo
2. Mountain Home
3. Samish Bay
4. Belleville
5. Hamilton
6. Last Chance

### SNOHOMISH COUNTY

1. Cicero
2. Lake Riley
3. French Creek

### SPOKANE COUNTY

1. Dartford

### STEVENS COUNTY

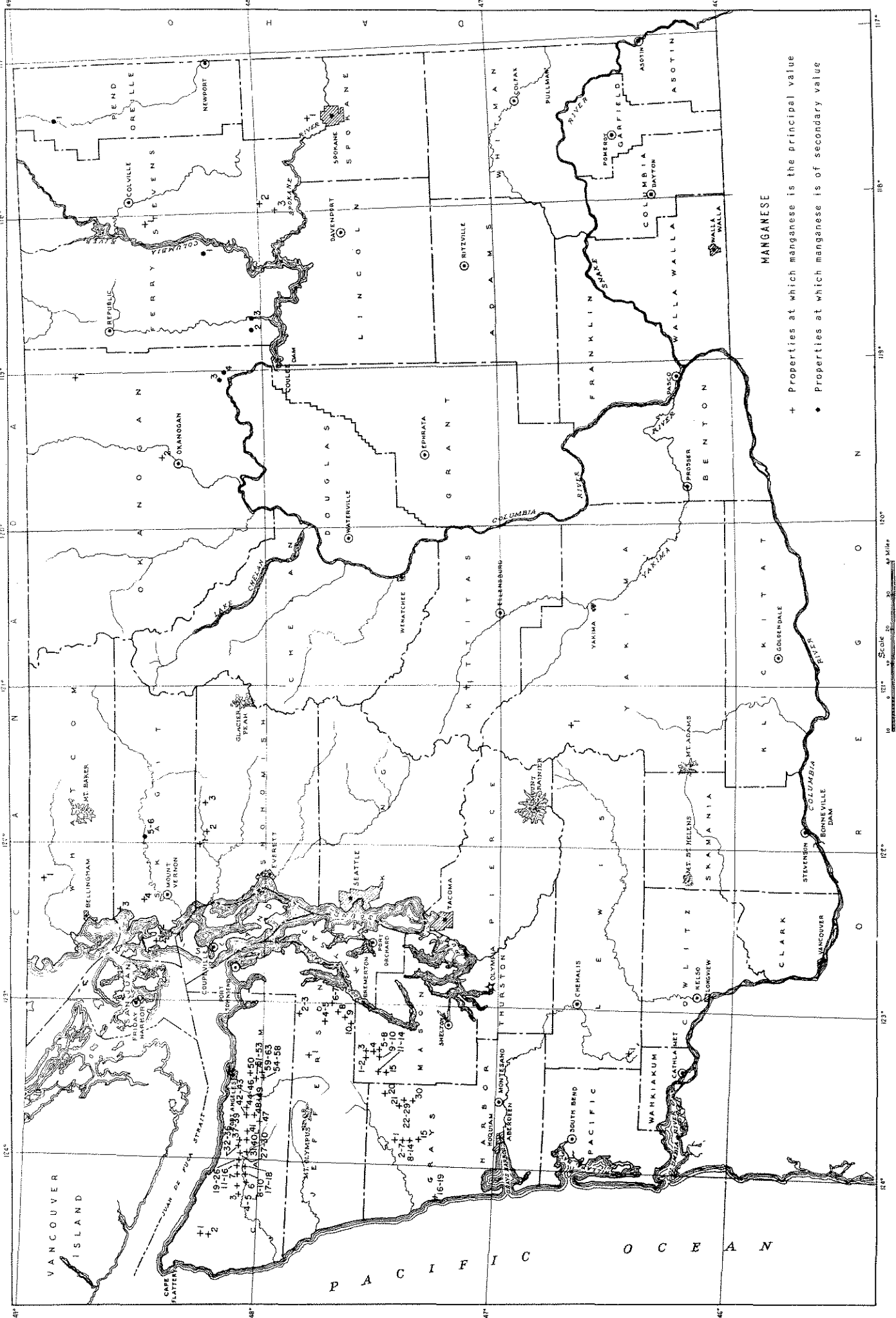
1. Marty
2. Wellpinit
3. Turtle Lake

### WHATCOM COUNTY

1. Smith

### YAKIMA COUNTY

1. Ironstone Mountain



124° 123° 122° 121° 120° 119° 118° 117°

49° 48° 47° 46° 45° 44° 43° 42° 41° 40° 39° 38° 37° 36° 35° 34° 33° 32° 31° 30° 29° 28° 27° 26° 25° 24° 23° 22° 21° 20° 19° 18° 17° 16° 15° 14° 13° 12° 11° 10° 9° 8° 7° 6° 5° 4° 3° 2° 1°

19 20 30 40 Miles

19 20 30 40 Miles

**PLATE 15**  
**MANGANESE**

### MERCURY OCCURRENCES

(Numbers correspond to those on map and those following property names under mercury in volume 1.)

#### CHELAN COUNTY

1. Orondo
2. Bartlett
3. Velma
4. North Pole
5. Shoshone
6. Black Jack
7. King Creek
8. Squaw Saddle

#### CLALLAM COUNTY

1. Sekiu River
2. Royal
3. State Lease
4. Clallam
5. Lost Kremer
6. June
7. St. Regis
8. Crescent

#### CLARK COUNTY

1. Golden Wonder
2. Smith

#### COWLITZ COUNTY

1. Green River

#### KING COUNTY

1. Byrd

#### KITTITAS COUNTY

1. Denney
2. Keystone
3. Elsener
4. Teanaway River
5. Big Thing
6. H-O-M-E
7. Silver Tip

#### LEWIS COUNTY

1. Ladd
2. Tilton River,  
West Fork
3. N. P.
4. Fisher Lease
5. Section Thirty-Six
6. Section One
7. Spencer
8. Apex
9. Barnum-McDonnell
10. Lytle-Lynch
11. Parmenter
12. Roy
13. Roy No. 5
14. Eight-Seventeen

#### OKANOGAN COUNTY

1. Jones

#### PIERCE COUNTY

1. Mashel River

#### SKAGIT COUNTY

1. La Conner
2. Mount Eldorado

#### SNOHOMISH COUNTY

1. Forest Hope
2. Justin
3. Myrtle C.
4. Eclipse
5. Granite Falls
6. Wild Rose
7. Jasperson

#### STEVENS COUNTY

1. Dumbolton

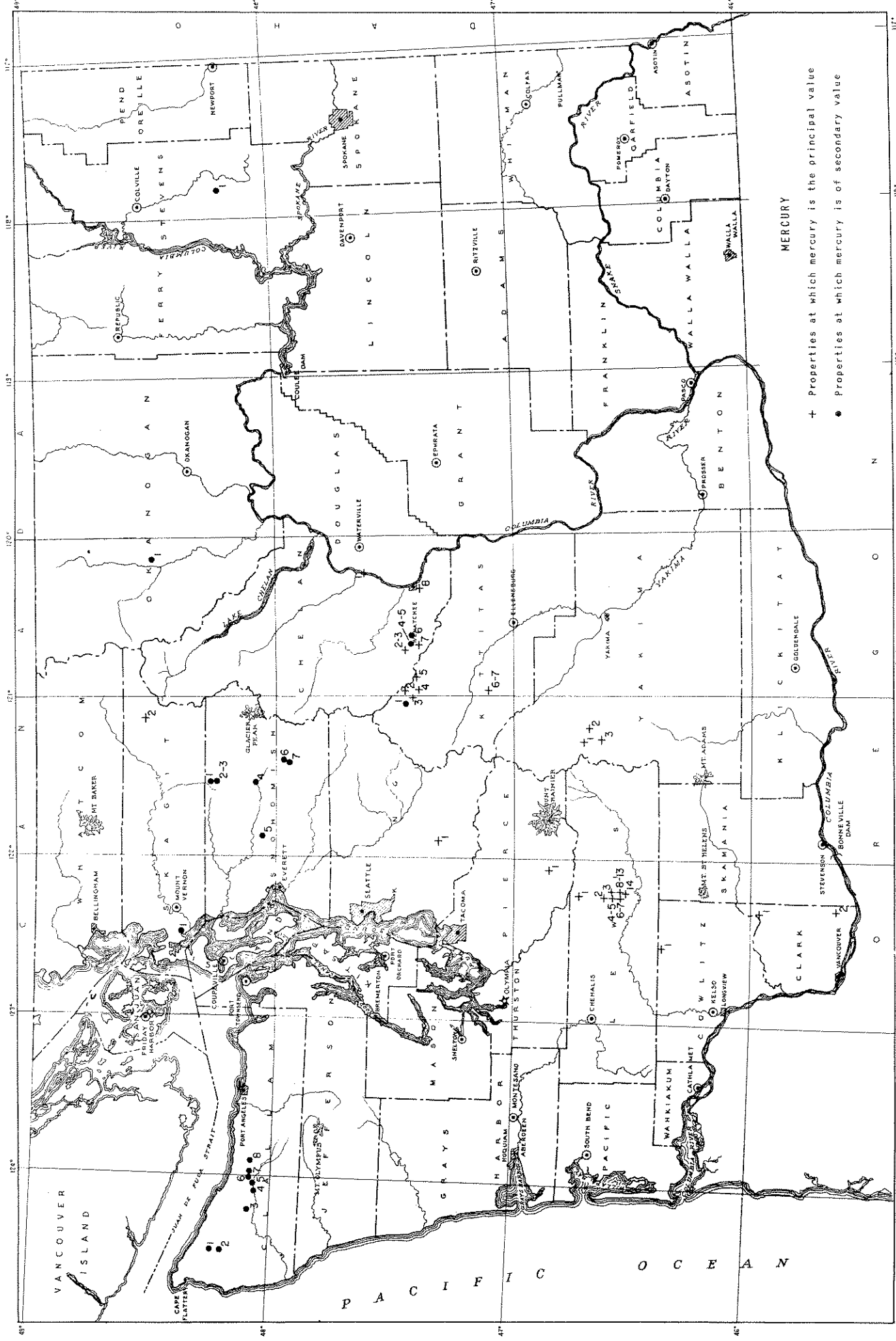
#### YAKIMA COUNTY

1. Indian Creek
2. Wildcat Creek
3. Clear Lake

**PLATE 16**  
**MERCURY**

.





MERCURY  
 + Properties at which mercury is the principal value  
 • Properties at which mercury is of secondary value



124° 125° 126° 127° 128° 129° 130° 131° 132° 133° 134° 135° 136° 137° 138°

46° 47° 48° 49° 50° 51° 52° 53° 54° 55° 56° 57° 58° 59° 60° 61° 62° 63° 64° 65° 66° 67° 68° 69° 70° 71° 72° 73° 74° 75° 76° 77° 78° 79° 80° 81° 82° 83° 84° 85° 86° 87° 88° 89° 90° 91° 92° 93° 94° 95° 96° 97° 98° 99° 100°

## MOLYBDENUM OCCURRENCES

(Numbers correspond to those on map and those following property names under molybdenum in volume 1.)

### CHELAN COUNTY

1. Crown Point
2. Holden
3. Robischaud
4. Keefer Brothers
5. Merritt
6. Jack Creek

### FERRY COUNTY

1. Kelly Camp
2. Barstow
3. Cold Spring
4. Big Chief
5. Rosario
6. Great Western
7. Abe Lincoln
8. Clay
9. Meadow Creek
10. Addie B
11. Mount Tolman
12. California
13. Handspike
14. Iconoclast
15. Illinois
16. Jumper
17. Polepick
18. Walla Walla
19. Schminski

### GRANT COUNTY

1. Black-Rosauer
2. Electric City

### KING COUNTY

1. Monte Carlo
2. Bear Basin
3. Devils Canyon
4. Goat Mountain
5. Clipper
6. Lost Lode

### LEWIS COUNTY

1. Eagle Peak

### LINCOLN COUNTY

1. Pitney Butte

### OKANOGAN COUNTY

1. Sheep Mountain
2. Billy Goat
3. Carr
4. Hanks
5. Swayne
6. Molly
7. Horseshoe Basin
8. Golden Zone
9. Four Metals
10. Summit
11. Kaaba
12. Golden Chariot
13. O. K.
14. Mancosilgo
15. Spokane
16. Triune

17. Bi-Metallic
18. Eagle
19. Starr
20. Tanasket
21. Mineral Hill
22. Frankie Boy
23. Lady of the Lake
24. Green Lake
- 24A. Buck Mountain
25. Corson
26. Malott
27. Rustler
28. Dutch John
29. Independence
30. Holden-Campbell
31. Hoot Owl
32. American Graphite
33. Wasco
34. Sterling
35. Twin Pine
36. Hudnut

### PEND OREILLE COUNTY

1. Polly Molly
2. Coffin
3. Little Noisy
4. Molybdenite Mountain

### PIERCE COUNTY

1. Golden Rule

### SKAGIT COUNTY

1. Washington
2. North Coast
3. Skagit Queen

### SKAMANIA COUNTY

1. Miners Queen

### SNOHOMISH COUNTY

1. Sunrise
2. Taylor & Nunn
3. Nesta
4. Glacier Peak
5. Silver Horseshoe
6. Copper Lake
7. Hustler
8. Rustler
9. Sunrise
10. Iowa
11. Sultan King
12. Mineral Center
13. Martin Engdahl
14. Golden Eagle
15. St. Theresa
16. Kromona
17. Armament
18. Molly

### STEVENS COUNTY

1. Short Wait
2. American
3. Lawrence

4. Ray Cox Moly
5. New Leadville
6. Sierra Zinc
7. Magma
8. Columbia River
9. Rightside
10. Rocky Lake
11. Columbia Tungsten
12. Washington Metals
13. Eagle
14. Chewelah Standard
15. Juno-Echo
16. Tungsten King
17. Deer Trail Monitor
18. Germania
19. Germania Consolidated
20. Sand Creek

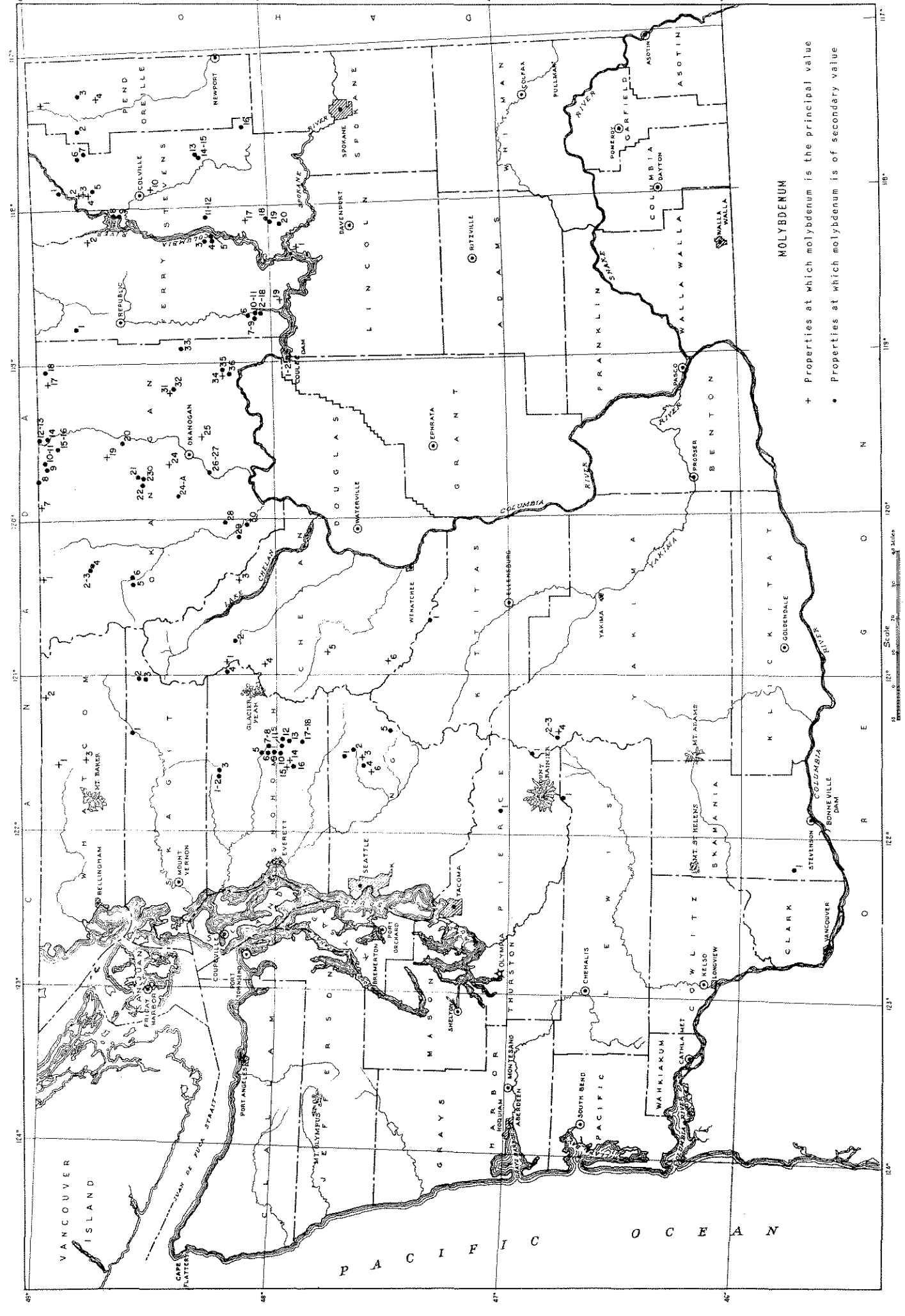
### WHATCOM COUNTY

1. Midas
2. Silver Creek
3. Sulphide Creek

### YAKIMA COUNTY

1. Chinook
2. Bird
3. Copper Mining Co.
4. Crossetti

**PLATE 17**  
**MOLYBDENUM**



MOLYBDENUM

- + Properties at which molybdenum is the principal value
- Properties at which molybdenum is of secondary value

112° 113° 114° 115° 116° 117° 118° 119°

42° 43° 44° 45° 46° 47° 48° 49°

Scale: 0 10 20 Miles / 0 10 20 Kilometers

**PLATINUM OCCURRENCES**

(Numbers correspond to those on map and those following property names under platinum in volume 1.)

**CHELAN COUNTY**

1. Mad River Placer
2. Nigger Creek Placer

**CLALLAM COUNTY**

1. Shi Shi Beach Placer
2. Ozette Beach Placer
3. Yellow Banks Placer
4. Cedar Creek Placer
5. Sunset Creek Placer

**CLARK COUNTY**

1. McMunn Placer

**FERRY COUNTY**

1. Walla Walla
2. Rogers Bar Placer

**GRAYS HARBOR COUNTY**

1. Moclips Placer

**OKANOGAN COUNTY**

1. Little Mount Chopaka
2. Similkameen River Placer
3. Riverside Placer

**PACIFIC COUNTY**

1. Beards Hollow Placer

**SKAGIT COUNTY**

1. Cypress
2. Anacortes

**SKAMANIA COUNTY**

1. Primary Gold

**SNOHOMISH COUNTY**

1. Le Roy

**SELENIUM OCCURRENCES**

(Numbers correspond to those on map and those following property names under selenium in volume 1.)

**FERRY COUNTY**

1. Valley
2. Flag Hill
3. Republic

**TELLURIUM OCCURRENCES**

(Numbers correspond to those on map and those following property names under tellurium in volume 1.)

**FERRY COUNTY**

1. Knob Hill
2. Morning Glory
3. Grandview
4. Laura S.

**OKANOGAN COUNTY**

1. Calumet
2. Bellevue
3. Wolverine

**STEVENS COUNTY**

1. Beecher

**WHATCOM COUNTY**

1. Great Excelsior
2. Lone Jack
3. Lone Star
4. Terra Alta
5. Anacortes
6. Mammoth
7. New Light
8. Ninety-nine
9. Tacoma

**THORIUM OCCURRENCES**

(Numbers correspond to those on map and those following property names under thorium in volume 1.)

**FERRY COUNTY**

1. Wilmont Bar Placer
2. Sherman Creek Pass

**GRAYS HARBOR COUNTY**

1. Moclips Placer

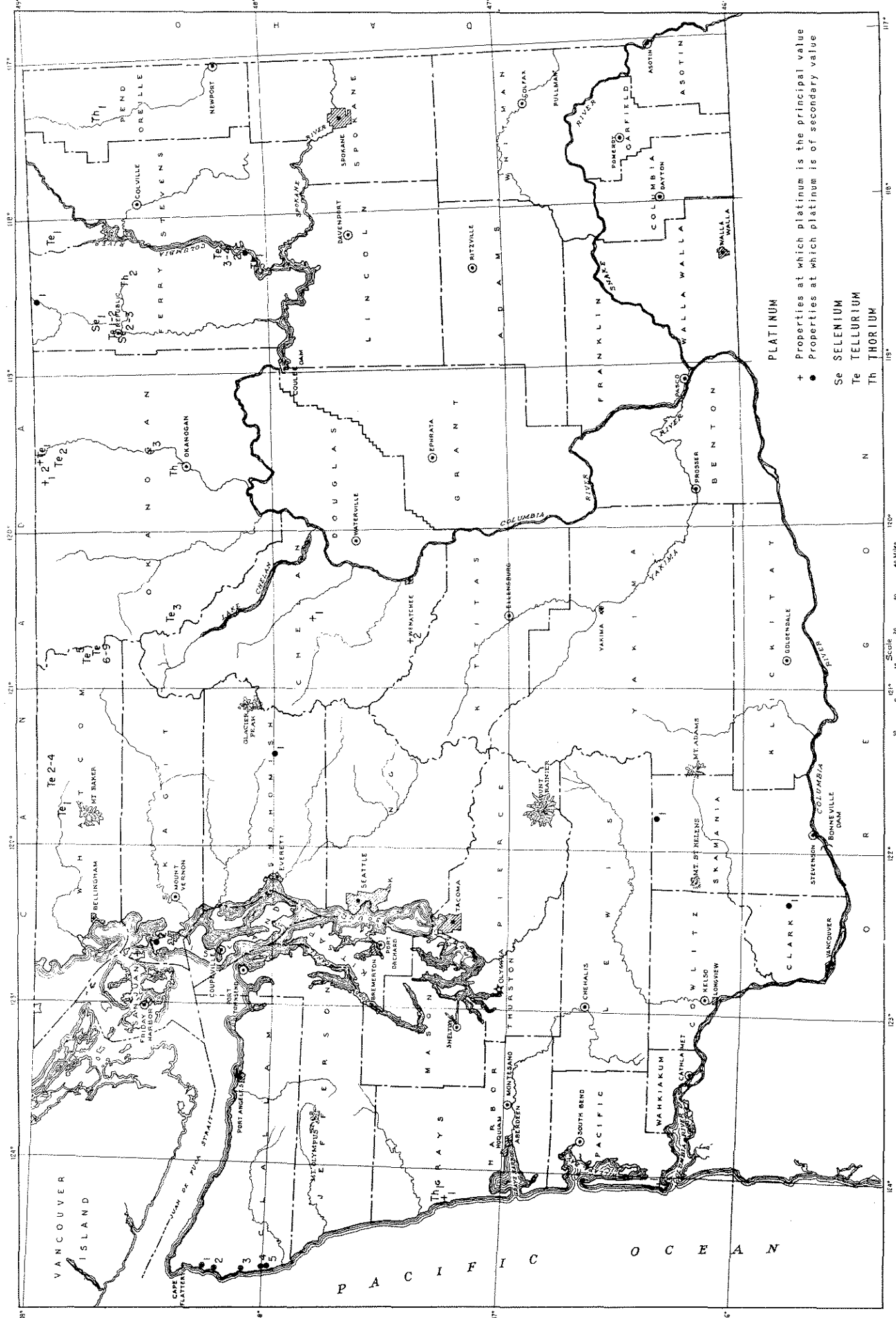
**OKANOGAN COUNTY**

1. Happy Hill

**PEND OREILLE COUNTY**

1. Dry Canyon

PLATE 18  
PLATINUM  
SELENIUM  
TELLURIUM  
THORIUM



**PLATINUM**

- + Properties at which platinum is the principal value
- Properties at which platinum is of secondary value

Se SELENIUM  
 Te TELLURIUM  
 Th THORIUM



## SILVER OCCURRENCES

(Numbers correspond to those on map and those following property names under silver in volume 1.)

**BENTON COUNTY**

1. Prosser

**CHELAN COUNTY**

1. Tiger
2. Minneapolis
3. Defender
4. Clagstone
5. Logan
6. Horseshoe Basin
7. Davenport
8. Galena
9. Texas Jack
10. Franklin
11. Cascade Consolidated
12. Ombompo
13. Doubtful
14. Falls
15. Quien Sabe
16. Rouse
17. Black Warrior
18. Homestake and Star
19. Isoletta
20. Flamingo
21. Lake Shyall
22. Buster
23. King Solomon
24. Moscow
25. Nebraska
26. Chub
27. Little Jap
28. Sunday Morning
29. Blue Jay
30. Canada
31. Grace
32. Idaho
33. Meadow Creek Strike
34. Phyllis
35. Elephant
36. Arizona
37. Iowa
38. Blue Jay Extension
39. Gem
40. Orphan Boy
41. Hunter
42. Marcus Stein
43. Raymond
44. Holden
45. Silver Trail
46. North Star
47. Bryan
48. Red Cap
49. Red Hill
50. Red Mountain
51. Drummer Boy
52. P. I.
53. Hidden Treasure
54. Pangborn
55. Rex
56. Van Epps
57. Silver Fiend
58. Pickwick
59. New York
60. Velma
61. April Fool
62. Caledonia
63. Donaldson
64. Homestake
65. Lone Rock
66. Lucky Queen
67. Venus
68. Culver
69. Hummingbird
70. Manistee
71. North Star
72. Prospect
73. Wilder
74. Daisy Dean
75. Golden Guinea
76. Rainier

77. Meridian
78. North Pole
79. Amigo
80. Gordon
81. Union and Dominion
82. Gem
83. Budge
84. Black and White
85. Gold Knob
86. Charlotte
87. Golden King

**CLARK COUNTY**

1. Silver Star

**COWLITZ COUNTY**

1. Green Mountain

**FERRY COUNTY**

1. Lone Star and Washington
2. Comstock
3. Walla Walla
4. Morning Star
5. Talisman
6. Jenny
7. Lancaster
8. Panama
9. Boston & New York
10. Zalla M
11. Valley
12. Copper Key
13. Hawkeye
14. Pin Money
15. Rebate
16. South Penn
17. Tom Thumb
18. Admiral
19. Golden Eagle
20. Insurgent
21. Last Chance
22. Mammoth
23. Quilp
24. V Fraction
25. Alpine
26. Anecia
27. Ben Hur
28. Black Tail
29. Bodie
30. East San Poil
31. El Caliph
32. Ida May
33. Iron Mask
34. Kangaroo
35. Knob Hill
36. Little Cove
37. Lone Pine
38. Morning Glory
39. Mountain Lion
40. North San Poil Fraction
41. Pearl
42. San Poil
43. San Poil Fraction
44. Seattle
45. Snowstorm
46. Surprise
47. Trade Dollar
48. Advance
49. Butte and Boston
50. Flag Hill
51. Iron Monitor
52. Jim Blaine Fraction
53. Princess Maude
54. Republic
55. Standard and Emma
56. Golden Harvest
57. California
58. Blue Horse
59. Blue Jacket

60. Iron Mountain
61. Juno
62. Silver Tip
63. Chief Barnaby
64. Big Lake
65. Gold Twenty
66. Galena
67. Gwin
68. Algonkian
69. Dan Patch
70. Great Eastern
71. Great Scott
72. J. H. E.
73. Rattler
74. Ren Rice
75. St. Paul
76. Victor
77. Good Ore
78. Truax
79. Black Thorn
80. Etta
81. Juliet
82. Keystone
83. Meteor
84. Montana
85. New York
86. Oom Paul
87. Romulus
88. St. Patrick
89. Several
90. Silver Spar
91. Snowstorm
92. Stray Dog
93. Syndicate
94. White Rose
95. Red Chief
96. Reserve
97. Cherokee Strip
98. Jaybird
99. Northern Light
100. Orion
101. Rattlesnake
102. Rosario
103. Silver Bell
104. Silver Leaf
105. Yellowstone
106. Advance
107. Big Bug
108. Big Chief
109. Black Hawk
110. Black Tail
111. Butterfly
112. Chance
113. Colorado
114. Congress
115. Drummond
116. Kentucky Bell
117. Lakeview Fraction
118. Little Jay
119. Longstreet
120. Messenger
121. Ohio
122. Old Nell
123. Perry
124. Polaris
125. Reliance
126. Robert E. Lee
127. Royal Ann
128. Silver Spar
129. Summit
130. Sunshine
131. White Tail
132. Grandview
133. Laura S.
134. Silver Queen
135. Blue Bird
136. Dewey
137. Greasy Run
138. I. X. L.
139. Idora

140. King Solomon
141. Mayflower
142. Pilgrim
143. Plymouth Rock
144. Silver Crown No. 2
145. Silver Crown No. 3
146. Sunset
147. Syracuse
148. Buffalo
149. Ivanhoe
150. Five Hundred
151. Prince Henry
152. McJunkin
153. Mabel T.
154. Oregon
155. U. S.
156. Burlington and Delaware
157. Anderson
158. Shamrock
159. Great Northern
160. Mono
161. Great Western
162. Ophir
163. Addie B
164. Byrne
165. Mount Tolman
166. Rover Bonanza
167. Summit
168. Gray
169. Silver Hill
170. Silver King
171. Clay
172. Meadow Creek
173. Manila
174. Cougar
175. Last Chance
176. Addison
177. Belcher
178. Golden Cord
179. Malachite
180. Vesuvius
181. Poor Man's Hope
182. California
183. Iconoclast
184. Illinois
185. Jumper
186. Polepick
187. Umatilla
188. Schminski

**GRANT COUNTY**

1. Black-Rosauer
2. Electric City
3. Hope No. 1
4. Silver Queen

**KING COUNTY**

1. Anderson
2. Salmon Creek
3. Climax
4. Yellow Jacket
5. Golden Tunnel
6. Great Republic
7. Mono
8. Bergeson
9. Gold Mountain
10. Kimball
11. Copper Duke
12. Favorite Gulch
13. Monarch
14. Neptune
15. San Francisco
16. Apex
17. Damon and Pythias
18. Belle of Tennessee
19. Lennox
20. Mount Phelps
21. Lucky Strike
22. Monte Carlo

23. Brooklyn
24. Last Chance
25. Lone Star
26. Lucky Day
27. Coney Basin
28. Dawson
29. King and Kinney
30. Seattle-Cascade
31. Una
32. War Eagle
33. Foss River
34. Dutch Miller
35. Aces Up
36. Bobtail
37. Le Roi
38. Metropolitan
39. Bear Basin
40. Cleopatra
41. Silver Star
42. Devils Canyon
43. Jack Pot
44. Goat Mountain
45. Lost Lode
46. Quartz Creek
47. Rainy
48. Leta
49. Annie
50. Copper Chief
51. Commonwealth
52. Guye
53. Solomon
54. Carmack
55. Last Chance
56. Ophir
57. Seattle
58. Stenwinder
59. Brown Bear
60. Eureka
61. Robinson

**KITSAP COUNTY**

1. Chico

**KITTITAS COUNTY**

1. Aurora
2. Silver Creek
3. King Solomon
4. Beaver
5. Cle Elum
6. Ida Elmore
7. Morning Star
8. Silver Dump
9. Silver Queen
10. Ruby
11. Huckleberry
12. Esther and Louisa
13. Cascade Mining
14. Good Luck
15. Granite King
16. Mineral Creek
17. Blue Bonnet
18. Camp Creek
19. Boyles
20. Iias
21. Zerwekh
22. Golden Fleece
23. Sonny Brown
24. Clarence Jordin
25. Cedar Creek Placer

**LEWIS COUNTY**

1. Eagle Peak
2. Mineral Creek

**LINCOLN COUNTY**

1. Crystal
2. Fouress
3. Pitney Butte



**MASON COUNTY**

1. Black and White

**OKANOGAN COUNTY**

1. Sheep Mountain
2. Peacock
3. Hanks
4. Billy Goat
5. Carr
6. Mountain Beaver
7. Copper Glance
8. New Hope
9. Daisy
10. Mazama Queen
11. Lone Star
12. Molly
13. Imperial
14. Valley View
15. American Flag
16. Big Boy
17. Gold Coin
18. Mazama Pride
19. Silver King
20. Jones
21. Lucky Jim
22. Abernathy
23. Iron Cap and Snow Cap
24. Mid Range
25. Pay Day
26. Wolverine
27. Spokane
28. North Star
29. Twisp View
30. Alder
31. Rattlesnake
32. Peoria
33. Red Shirt
34. Chickamun
35. Minnie
36. Antimony Queen
37. Silver Ledge
38. Bolinger
39. Black Jack
40. Damfino
41. St. Anthony
42. Excelsior
43. Last Chance
44. Henrietta
45. Hidden Treasure
46. Hunter
47. Methow
48. Standard and Louisa
49. Emerald
50. Buck Mountain
51. Diamond Queen
52. Friday
53. Schultz and Chesney
54. Golden Zone
55. Chopaka
56. Mountain Sheep
57. Four Metals
58. Catherine
59. Wyandotte
60. Gold Crown
61. Gold Eagle
62. Ruby
63. Rush
64. Julia
65. Prize
66. Curlew
67. Eagle
68. Eloise
69. Favorite
70. Kaabo
71. Little Chopaka
72. Nighthawk
73. Number One
74. Summit
75. Eureka
76. Horn Silver
77. Blanche
78. Lone Pine
79. Rich Bar
80. Saint
81. Dividend
82. Gold Dust
83. Golden Chariot
84. Kelsey
85. O. K.
86. Moncosilgo
87. Okanogan Free Gold
88. Bullfrog
89. Trinity
90. Kimberly
91. Spokane
92. Bellevue
93. Hiawatha
94. Occident
95. Silent Friend
96. Triune
97. Empire
98. Copper World
99. Copper World Extension
100. Iron Master
101. Leadville
102. Pinnacle
103. Black Bear
104. War Eagle
105. Gold Hill
106. Anaconda
107. Chicago
108. Buckeye
109. Combination
110. Wehe
111. Ivanhoe
112. Rainbow
113. Defiance
114. Summit
115. Palmer Mountain Tunnel
116. Red Jacket
117. Hercules
118. Utica
119. Lucky Lady
120. Silver Mountain
121. Silver Star
122. Carl Frederick
123. Q. S.
124. Central
125. Tonasket
126. Copper King
127. Esther
128. Evening Star
129. Gubser
130. Hardscrabble
131. Hidden Treasure
132. Homestake
133. Key
134. Keystone
135. Mammoth
136. Mineral Hill
137. Okanogan Belle
138. Minnehaha
139. Salmon River
140. Monitor
141. Silver King
142. Tough Nut
143. Chief Sunshine
144. John Arthur
145. Leuena
146. Lone Star
147. Diamond
148. Frankie Boy
149. Lady of the Lake
150. Peacock
151. Blue Grouse
152. First Thought
153. Kansas
154. Last Chance

155. Leonora
156. Marguerite
157. Nevada
158. Plant-Callahan
159. Republic
160. Wyoming
161. Arlington
162. Fourth of July
163. Sonny Boy
164. Woo Loo Moo Loo
165. Sherman
166. Poland China
167. Apex
168. Butcher Boy
169. Chesaw
170. Pendennis
171. Reco
172. Yakima
173. Aztec
174. Caribou
175. Gold Axe
176. Jackpot
177. Monterey
178. Nip and Tuck
179. Roosevelt
180. Western Star
181. Crystal Butte
182. Beaver
183. Ida
184. Bi-Metallic
185. Whitestone
186. Bodie
187. Sheridan
188. Stemwinder
189. American Flag
190. Silver Bell
191. Kyoto
192. Atkins
193. Moneymaker
194. Wasco
195. Iron Dike
196. Castle Creek
197. Eureka
198. Hanford
199. Mountain Boy
200. Park and Central
201. Sharp and Balthus
202. Snowshoe
203. Summit
204. Three L's
205. General Miles
206. Hercules
207. Independent
208. Ramore
209. Hidden Treasure
210. Ramsey
211. Great Western
212. Madoc
213. Multnomah
214. Twin Pine
215. Controller
216. Red Bird
217. Lilman
218. Little Chief
219. Montana
220. Nina Lu
221. Par Value
222. San Marino
223. Surprise
224. Goodenuf
225. Home Run
226. Sterling
227. Andy O'Neil
228. Evening
229. Great Divide
230. Kankakee
231. Pittsburg
232. Anna
233. Hudnut
234. Anchor
235. Apache
236. Cabin

237. Gould & Curry
238. Little Johnnie
239. Oversight
240. Panama
241. St. Paul
242. Silver Cliff
243. Rebecca

**PEND OREILLE COUNTY**

1. Cliff
2. Giant-Flying Squirrel
3. Copper Queen
4. Hanley
5. Lakeview
6. Flusey-Hoopala
7. Lead King
8. Metaline Metals
9. Nelroe
10. Riverview
11. Holiday
12. Eureka
13. Whoopie-Galena Hill
14. Lead Hill
15. King Tut
16. Grandview (Reuther)
17. Deemer
18. Gypsy
19. Ace High
20. Cougar
21. Pat
22. Prouty
23. Elliot
24. Grandview mine
25. Morning and Mammoth
26. Josephine
27. Washington
28. Hoosier
29. Metaline Contact
30. Oriole
31. O K
32. Bella May
33. Sterling
34. Blue Bucket
35. Wolf Creek
36. Blue Jim
37. Jim Creek
38. Corzine
39. Little Noisy
40. Barefoot
41. La Sota
- 41A. Rocky Creek
42. Mule Deer
43. Alger and McCullough
44. Skippy and Queen Bess
45. Isabelle
46. Hardrock Thomas
47. McCann
48. Rainbow
49. Baker City
50. Gold Coin-Hardtack
51. Key Fraction
52. Independence
53. Meteor
54. Comstock
55. Bead Lake
56. Kootenai Conquest
57. Campbell
58. Hawkeye-Gray Eagle-Last Chance
59. Snowbird and Stanley
60. General MacArthur
61. Ries
62. Buck
63. Lloyd
64. Mount Pisgah
65. Sunrise

66. Nevell
67. Pindle

**PIERCE COUNTY**

1. Silver Creek Gold & Lead
2. Blue Grouse and Sure Thing
3. Current
4. Fife
5. Frater
6. Silver Creek
7. Washington Cascade

**SKAGIT COUNTY**

1. Anacopper
2. Fidalgo Island
3. North Coast
4. Skagit Queen
5. Willis and Everett
6. Hartford
7. Ontario
8. Sierra Grande
9. Silver Tip
- 9A. Thunder Creek
10. Logan No. 2
11. Alta
12. Boston
13. Chicago
14. West Seattle
15. Eldorado
16. Friend
17. Kildare
18. Midas
19. Soldier Boy
20. Ventura
21. Johnsbury
22. Granite
23. Cascade
24. Epoch
25. Michigan
26. Fourth of July
27. Grand Republic
28. Pioneer

**SKAMANIA COUNTY**

1. Minnie Alice
2. Independence
3. Samson
4. Minnie Lee
5. Grizzly Creek
6. Index
7. Polar Star
8. Chicago
9. Mount Fairy
10. Norway
11. Yellow Metals
12. Bronze Monarch
13. Sweden
14. Young America
15. Brown and Livingston
16. Primary Gold
17. Plamondon
18. Zinc Creek
19. Last Chance
20. Rainbow
21. Yellow Jacket and Hoo Hoo

**SNOHOMISH COUNTY**

1. Larson
2. Blue Bird
3. Sam Strom
4. Burns
5. Forest Hope
6. Justin
7. Myrtle C.
8. Gold Mountain
9. Buckeye
10. Feldt
11. Gray Mare
12. Green Crown

**SNOHOMISH COUNTY—****Continued**

- |                           |                             |                        |                             |
|---------------------------|-----------------------------|------------------------|-----------------------------|
| 13. Hannah                | 61. Ore Recoveries          | 111. Minnehaha         | 163. Gypsy Queen            |
| 14. Sunrise               | 62. Three Sisters           | 112. Orphan Boy        | 164. Idaho                  |
| 15. Taylor & Nunn         | 63. Virginia                | 113. Peabody           | 165. Jasperson              |
| 16. Whitehorse            | 64. Winter Coon             | 114. Q. T.             | 166. Jim Dandy              |
| 17. Courtney              | 65. Eureka                  | 115. Seventy Six       | 167. Lockwood               |
| 18. Hunter                | 66. Silver Horseshoe        | 116. Sidney            | 168. M and H No. 2          |
| 19. Jessie                | 67. Big Four                | 117. Silver Lake       | 169. Martin Engdahl         |
| 20. Keywinder             | 68. Cornucopia              | 118. Silver Queen      | 170. Mineral Mines          |
| 21. Nesta                 | 69. Little Giant            | 119. Twentieth Century | 171. Ontario                |
| 22. Queen Anne            | 70. Baltimore               | 120. Wildcat           | 172. Red Cloud              |
| 23. White Gander          | 71. Blue Rock               | 121. Zeta              | 173. Ruby King              |
| 24. Highland              | 72. Glory of the Mountain   | 122. Corona            | 174. St. Louis              |
| 25. Glacier Peak          | 73. Nevada                  | 123. Daisy             | 175. Silver Slipper         |
| 26. Deertly               | 74. Sunset                  | 124. Great Scott       | 176. Vandalia               |
| 27. Lakeview Extension    | 75. Three Star              | 125. Morning Star      | 177. Westland               |
| 28. Helena                | 76. Union                   | 126. New York-Seattle  | 178. Jones                  |
| 29. Colts                 | 77. Bell and Crown          | 127. Big Raymond       | 179. Blue Bird              |
| 30. Big Bear and Butte    | 78. "45"                    | 128. Castle            | 180. Broken Ridge           |
| 31. White Swan            | 79. Milwaukee               | 129. Diamond Hitch     | 181. Dewey                  |
| 32. Arlington             | 80. Ala-Dickson             | 130. Edison            | 182. Editor                 |
| 33. Bald Mountain         | 81. Little Chief            | 131. Fortunate         | 183. Evergreen              |
| 34. Golden Chord          | 82. Big Copper              | 132. Gold Bar          | 184. Gray Eagle             |
| 35. Hecia                 | 83. Occidental              | 133. Hancock           | 185. Index Gold Mines, Inc. |
| 36. New Seattle           | 84. Mountain Cedar          | 134. Jumbo             | 186. Last Chance            |
| 37. St. Louis and Jackson | 85. Sunrise                 | 135. Lida              | 187. Michigan               |
| 38. Silver Coin           | 86. Keystone                | 136. Mineral Center    | 188. Oro Fino               |
| 39. Wayside               | 87. Great Northern          | 137. National          | 189. P. I.                  |
| 40. Blomquist             | 88. Lockwood Pyrite         | 138. Undaunted         | 190. Shirley                |
| 42. Bullet                | 89. Le Roy                  | 139. Washington-Iowa   | 191. Skrinde                |
| 43. Monitor and Sterling  | 90. Mackinaw                | 140. Whaleback         | 192. Sunset and Beatrice    |
| 44. Bangor Creek          | 91. Keystone                | 141. Wild Rose         | 193. Texas                  |
| 45. Bonanza Queen         | 92. O and B                 | 142. Winnie            | 194. Cooperative            |
| 46. Cleveland             | 93. P. and I.               | 143. Columet           | 195. Lost Creek             |
| 47. Copper Independent    | 94. Rainy                   | 144. Doris             | 196. Nan Pareil             |
| 48. Copper Prince         | 95. Tobique and Laila Rookh | 145. Iowa              | 197. Cascade                |
| 49. Copperhead            | 96. Bon Ton                 | 146. Sultan King       | 198. Florence-Rae           |
| 50. Eclipse               | 97. El Dorado               | 147. Florence Rae      | 199. Sunset                 |
| 51. Everett               | 98. Foggy                   | 148. Hard Pass         | 200. Kromona                |
| 52. Fanny                 | 99. Philo                   | 149. Helena and Sadie  | 201. Red Cross              |
| 53. Granite and Maud      | 100. Republican             | 150. Miiki Maru        | 202. Charlotte              |
| 54. Hoodoo                | 101. Whistler               | 151. Golden Eagle      | 203. Ethel                  |
| 55. Imperial              | 102. Ajax                   | 152. Alta              | 204. Copper Belie           |
| 56. Lily James            | 103. Cassidy                | 153. Bear              | 205. Index Bornite          |
| 57. Lulu                  | 104. Monte Cristo           | 154. Billy Lee         | 206. Lake Serene            |
| 58. Nemo                  | 105. Caplin-Holbrooke       | 155. Blackstone        | 207. Gunn Peak              |
| 59. New York              | 106. Emma Moore             | 156. Bluebell          | 208. Uncle Sam              |
| 60. Nickel Bird           | 107. Good Hope              | 157. Champion          | 209. Buckeye                |
|                           | 108. Hiawatha               | 158. Copper Chief      |                             |
|                           | 109. J. B.                  | 159. Crown Point       |                             |
|                           | 110. Justice                | 160. Four Brothers     |                             |
|                           |                             | 161. Gettysburg        |                             |
|                           |                             | 162. Gold Standard     |                             |

**STEVENS COUNTY**

(See plate 20.)

**WHATCOM COUNTY**

1. Midas
2. Tooker-Lestrud
3. Great Excelsior
4. Chain Lakes
5. Verona
6. Gargett
7. Evergreen
8. Lone Jack
9. Saginaw
10. Silver Tip
11. Silver Creek
12. Anacortes
13. Crown Point
14. Chancellor
15. Ninety-nine
16. Allen Basin
17. Beck and Short Grub
18. Mammoth
19. Newlight
20. North American
21. Bismarck
22. Shanghai
23. Whistler
24. Veradell
25. Morley B.
26. B. C. & M.
27. Azurite
28. Gold Hill

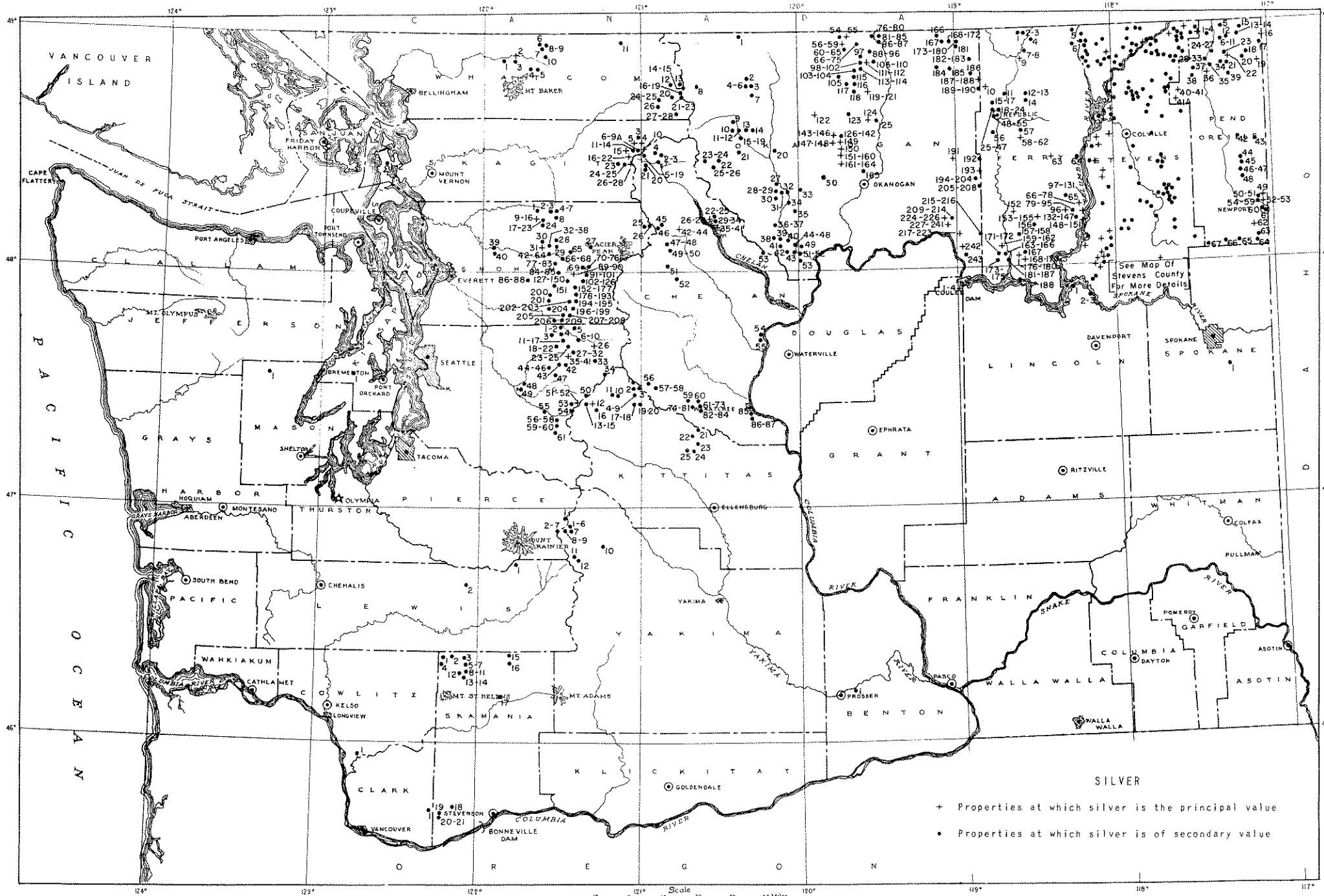
**YAKIMA COUNTY**

1. Camstock
2. Damfino
3. Dry Spring
4. Fife
5. Gold Hill
6. Lolette
7. Elizabeth Gold Hill
8. Chinook
9. Highland
10. Richmond
11. Copper Mining Co.
12. New Find

**SPOKANE COUNTY**

1. Silver Hill

**PLATE 19**  
**SILVER**



Scale 0 10 20 30 40 50 Miles

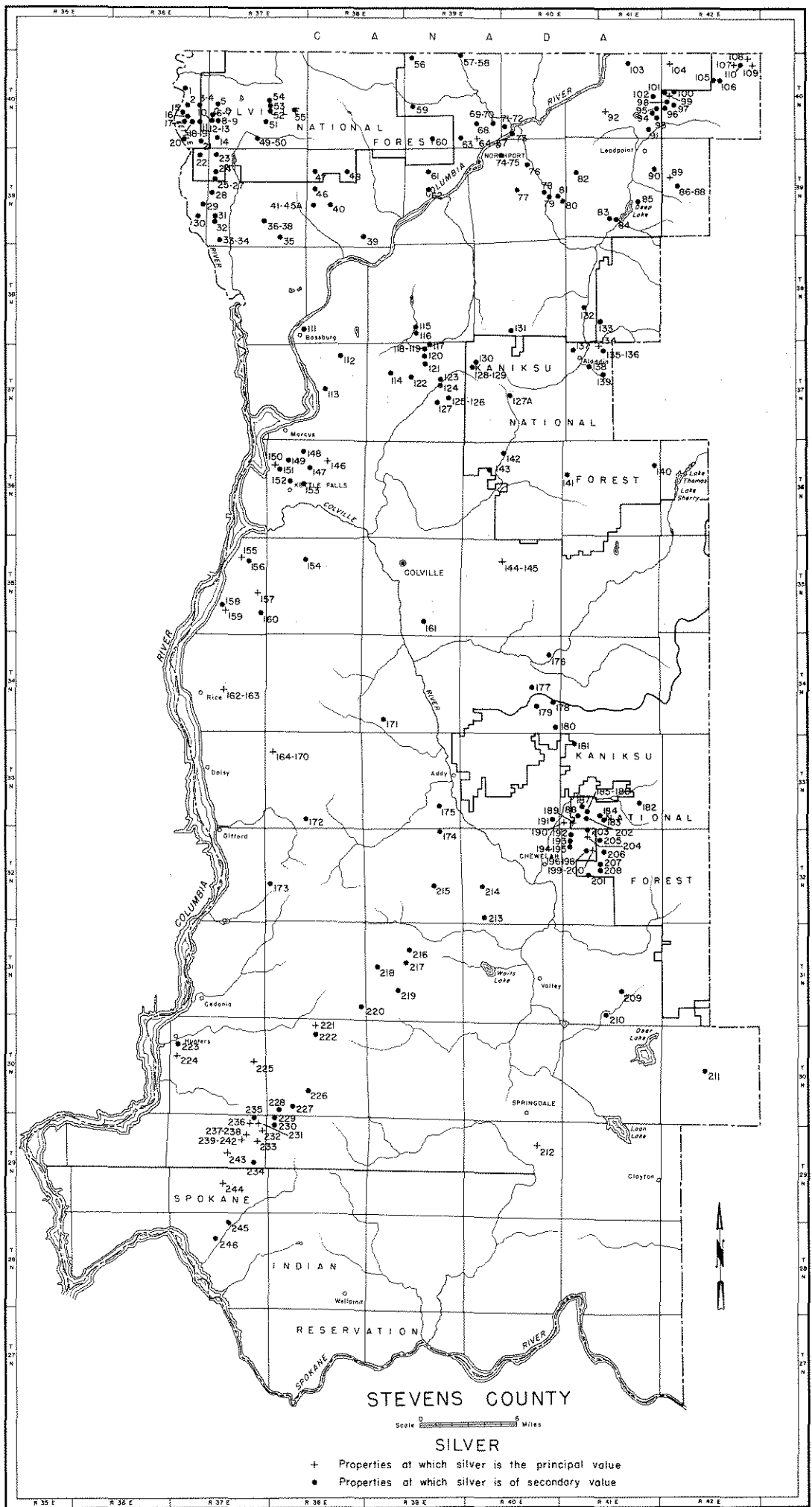
## SILVER OCCURRENCES—Continued

## STEVENS COUNTY

(Numbers correspond to those on map and those following property names under silver, Stevens County, in volume 1.)

1. Margarete	43. Lottie	82. Advance	124. Big Chief	166. Daisy-Tempest	208. Windfall
2. Perry	44. Minorca	83. Plug	125. Center Star	167. Goodenough	209. Banshee
3. Eureka	45. War Eagle	84. Farmer	126. Chloride Queen	168. Tempest	210. Loon Lake Copper
4. McKinley	45A. Homestake	85. Bechtol	127. Avondale-Dome	169. Valley View	211. Tungsten King
5. White Elephant	46. Hope and	86. Electric Point	127A. Galena Knob	170. Wahkiagin	212. Honest John
6. F. H. and C.	Twin Cabins	87. Gladstone	128. Lucky Boy	171. Ham	213. B and B
7. Little Giant	47. Crown Point	88. Keystone	129. Ibox	172. Silver Summit	214. Superior Copper
8. Montana and	48. Homebuilder	89. Lucky Four	130. Galena Farm	173. Columbia Tungsten	215. Nevada
Washington	49. McNally	90. Lead King	131. Van Stone	174. Liberty Copper	216. Edna
9. Swamp King	50. Regina	91. Admiral	132. Sierra Zinc	175. Krug	217. Vulcan
10. Fissure	51. Lem	Consolidated	133. Magma	176. Bear Canyon	218. Double Eagle
11. Tom Moore	52. Pomeroy	92. Melrose	134. Morning	177. Bear Mountain	219. Admiral
12. Bald Eagle	53. Easter Sunday	93. Red Top	135. Monday Morning	178. Chewelah	220. Wells Fargo
13. Iron Mask	54. Jayhawker	94. Hartbauer	136. Oakshott	Consolidated	221. Orchid
14. Beecher	55. Big Iron	95. Copper King	137. Scott	179. Bertha M.	222. Cleveland
15. Rockcut	56. Comstock	96. Anaconda	138. Burrus	180. Thomason Queen	223. Chloride
16. Lucky Charlie	57. Double Standard	97. Iraquois	139. Aladdin	181. Copper Queen	224. Sandiego
17. Three Orphans	58. Great Republic	98. Lucile	140. Middleport	182. Winslow	225. North Monitor
18. Comstock	59. White Horse	99. Hazel	141. Longshot	183. Wilkie Lode	226. Monahan
19. Stewwinder	60. Hubbard	100. Ranch View	142. Michigan Boy	184. Belcher	227. Bonanza Copper
20. Galena Hill	61. Bullion	101. Jackson	143. Shoemaker	185. Amazon	228. Togo
21. Viking	62. Short Wait	102. Eldorado	144. Ore Cache	186. Chinto	229. Turk
22. Red Lion	63. Providence	103. Clara	145. Old Dominion	187. Copper Queen	230. Red Cloud
23. International	64. Lone Star	104. Roosevelt	146. Vanasse	188. United Copper	231. Legal Tender
24. Titanic	65. Mineral Belt	105. Just Time	147. Gold Reef	189. John Day	232. Providence
25. Butte	66. Mountain View	106. Highland	148. Gold Ledge	190. Jay Dee	233. Hoodoo
26. First Thought	67. Mountain View	107. United Treasure	149. Columbia River	191. Minnehaha	234. Germania
27. Michigan	Extension	108. Frisco Standard	150. I. O. U.	192. Imperial Copper	235. Little Frank
28. Second Thought	68. Coyote	109. Buffalo	151. Sunday	193. Security Copper	236. Deer Trail
29. Blue Grass	69. St. Crispin	110. Myeerah	152. Rightside	194. Chewelah Standard	237. Brooks
30. Defender	70. Moore	111. Young America	153. City View	195. Juno-Echo	238. Queen
31. Trojan	71. Riverview	112. Bonanza	154. Bluegrouse	196. McAdoo	239. Moonshine-
32. Nest Egg	72. Sunset	113. Gold Bar	155. Ark	Johnny Boy	
33. Copper Butte	73. Sterrett	114. Red Sheaf	156. E. M. C.	198. Payne	240. Plata Fino
34. Globe	74. Northern Light	115. Silver Trail	157. Fish	199. Jay Gould	241. Plata Rica
35. Graves	75. Silver Crown	116. Al Ki	158. Acme	200. U. S. Copper Gold	242. Saturday Night-
36. Georgic	76. Cast Steel	117. A and C	159. Alma	201. Montgomery	Sunday Morning
37. Pop	77. Stonewall-	118. R. J.	160. Aguila	202. Copper King	243. Aichan Bee
38. Uncle Sam	Sunnyside	119. Uncle Sam	161. Rocky Lake	203. Eagle	244. Orazada
39. McKinley	78. Scandia	120. Botts	162. John Hays	204. Redwood	245. Alberta
40. Pedro	79. Deep Creek	121. Leadville	163. Rosebud	205. Hecla	246. O-Lo-Lim
41. Blue Bird	80. Last Chance	122. Lucky Stone	164. Brook	206. Fred B.	
42. Centennial	81. Helena Johnson	123. Echo	165. Cantaloupe	207. Mullen	

**PLATE 20**  
**SILVER—**  
**STEVENS COUNTY**



### TIN OCCURRENCES

(Numbers correspond to those on map and those following property names under tin in volume 1.)

#### CHELAN COUNTY

1. Chelon Butte
2. Monitor
3. Blewett

#### CLALLAM COUNTY

1. Bright Angel

#### KING COUNTY

1. Skykomish
2. Bear Basin

#### KITSAP COUNTY

1. Chico

#### OKANOGAN COUNTY

1. Omak

#### PEND OREILLE COUNTY

1. Blueside

#### SNOHOMISH COUNTY

1. Hoodoo
2. Snohomish Placer

#### SPOKANE COUNTY

1. Silver Hill

#### STEVENS COUNTY

1. Frisco Standard
2. Young America
3. Dumbolton
4. Tungsten Products

### TITANIUM OCCURRENCES

(Numbers correspond to those on map and those following property names under titanium in volume 1.)

#### ASOTIN COUNTY

1. Clarkston Placer

#### CHELAN COUNTY

1. First Creek

#### CLALLAM COUNTY

1. Shi Shi Beach Placer
2. Yellow Banks Placer
3. Cedar Creek Placer

#### CLARK COUNTY

1. Brush Prairie Placer
2. Camas Placer

#### FERRY COUNTY

1. Wilmont Creek
2. Wilmont Bar Placer

#### GRAYS HARBOR COUNTY

1. Damons Point Placer
2. Elma

#### KING COUNTY

1. Rainy

#### KITTITAS COUNTY

1. Zerwekh

#### LEWIS COUNTY

1. Winlock Placer

#### OKANOGAN COUNTY

1. Similkameen Falls Placer
2. Fuller
3. Crouse Placer

#### PACIFIC COUNTY

1. Beards Hollow Placer
2. Fort Canby Placer
3. Sand Island Placer
4. McGowan Placer

#### SNOHOMISH COUNTY

1. Pilchuck Creek

#### SPOKANE COUNTY

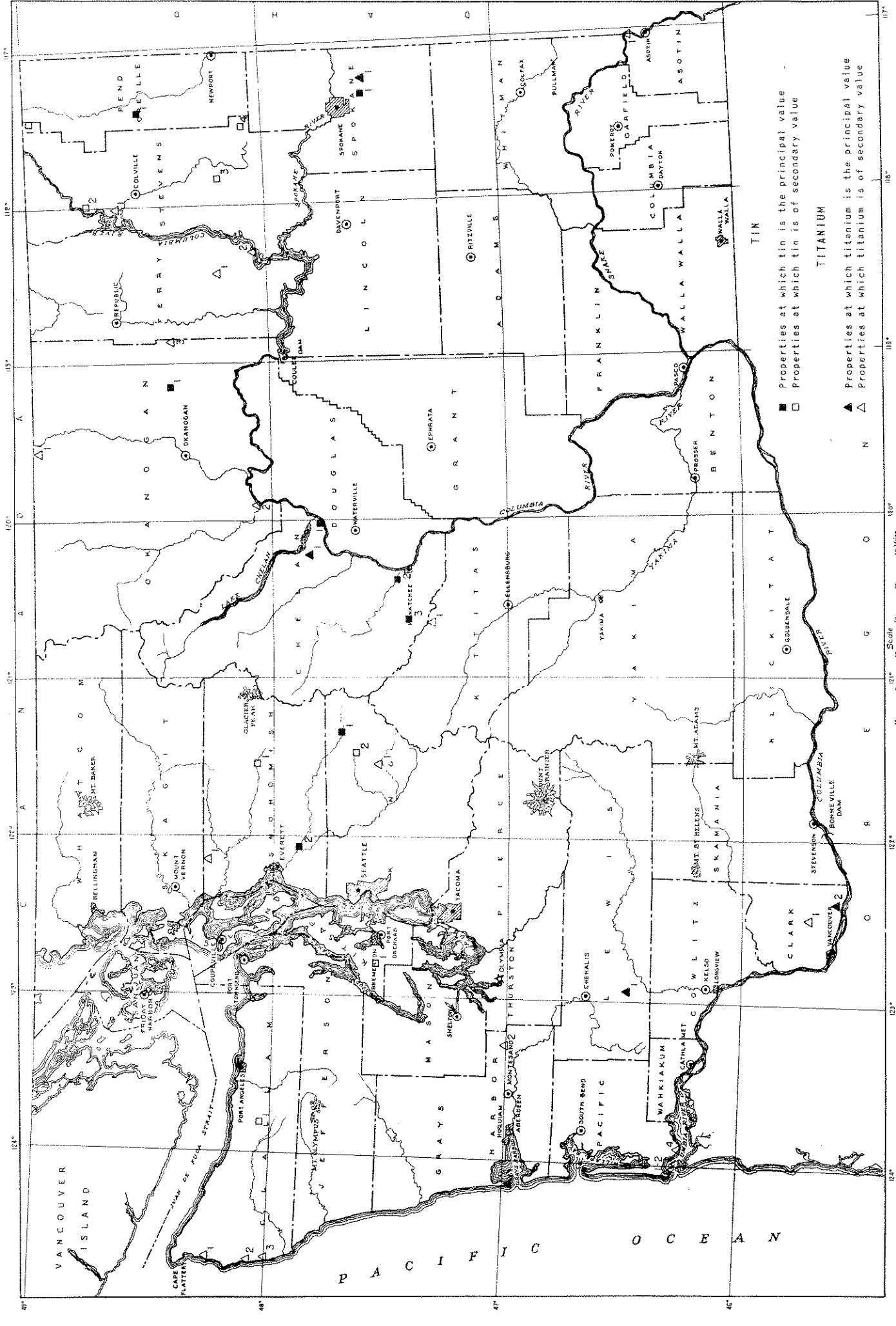
1. Excelsior

#### STEVENS COUNTY

1. Marcus Placer



**PLATE 21**  
**TIN**  
**TITANIUM**



- TIN**
- Properties at which tin is the principal value
  - Properties at which tin is of secondary value
- TITANIUM**
- ▲ Properties at which titanium is the principal value
  - △ Properties at which titanium is of secondary value



124° 123° 122° 121° 120° 119° 118° 117°

48° 47° 46° 45° 44° 43° 42° 41° 40° 39° 38° 37° 36° 35° 34° 33° 32° 31° 30° 29° 28° 27° 26° 25° 24° 23° 22° 21° 20° 19° 18° 17° 16° 15° 14° 13° 12° 11° 10° 9° 8° 7° 6° 5° 4° 3° 2° 1°

VANCOUVER ISLAND

CAPL MATTEN

PORT ANGELES

GRAYS

SEATTLE

TACOMA

YAKIMA

SPokane

COULUMBI RIVER

FRANKLIN RIVER

WALLA WALLA

PACIFIC OCEAN

## TUNGSTEN OCCURRENCES

(Numbers correspond to those on map and those following property names under tungsten in volume 1.)

### ASOTIN COUNTY

1. Joseph Creek

### CHELAN COUNTY

1. Holden
2. Red Mountain
3. Blewett Tungsten
4. Blewett

### FERRY COUNTY

1. Morning Star
2. Talisman
3. Kelly Camp
4. Surprise
5. Gwin
6. Big Chief
7. Orion
8. Silver Leaf
9. Addison
10. Friedlander

### KING COUNTY

1. Devils Canyon
2. Jack Pot

### KITSAP COUNTY

1. Chico

### KITTITAS COUNTY

1. Big Dome

### LEWIS COUNTY

1. Eagle Peak

### OKANOGAN COUNTY

1. Sheep Track
2. Border Lord
3. Wolframite
4. Minnie
5. Antimony Queen
6. Dutch John
7. Homestake, long adit
- 7A. Milwaukee
8. Highland
9. Homestake
10. Hunter
11. Methow
12. Doris Barbara
13. Holden-Campbell
14. Okanogan
15. Chelan
16. Golden Eagle
17. Mineralite
18. Paymaster
19. Roosevelt
20. Washington
21. Four Metals
22. Kaaba
23. 49th Parallel
24. Golden Chariot
25. O. K.
26. Moncosilgo

27. Strawberry Lake

28. Rainbow
29. Copper Queen
30. Magnetic
31. Roosevelt
32. Crystal Butte
33. Bi-Metallic
34. Copper World Extensio
35. Starr
36. Tonasket
37. Lone Star
38. Gubser
39. Silver King
40. Lady of the Lake
41. Windiate-Auberton
42. Buck Mountain
43. Monse
44. Corson
45. Twin Pine

### PEND OREILLE COUNTY

1. Little Noisy
2. Stogger Inn
3. Scheelite Queen
4. Hordrock Thomas
5. Nevell

### PIERCE COUNTY

1. Golden Rule

### SNOHOMISH COUNTY

1. Glacier Peak
2. St. Louis and Jackson
3. "45"
4. Silver Horseshoe
5. Eldred
6. Hustler
7. Florence Rae
8. Doris
9. Iowa
10. Jerry Chatman
11. Golden Eagle
12. Kromona
13. Armament
14. Marvel

### SPOKANE COUNTY

1. Silver Hill

### STEVENS COUNTY

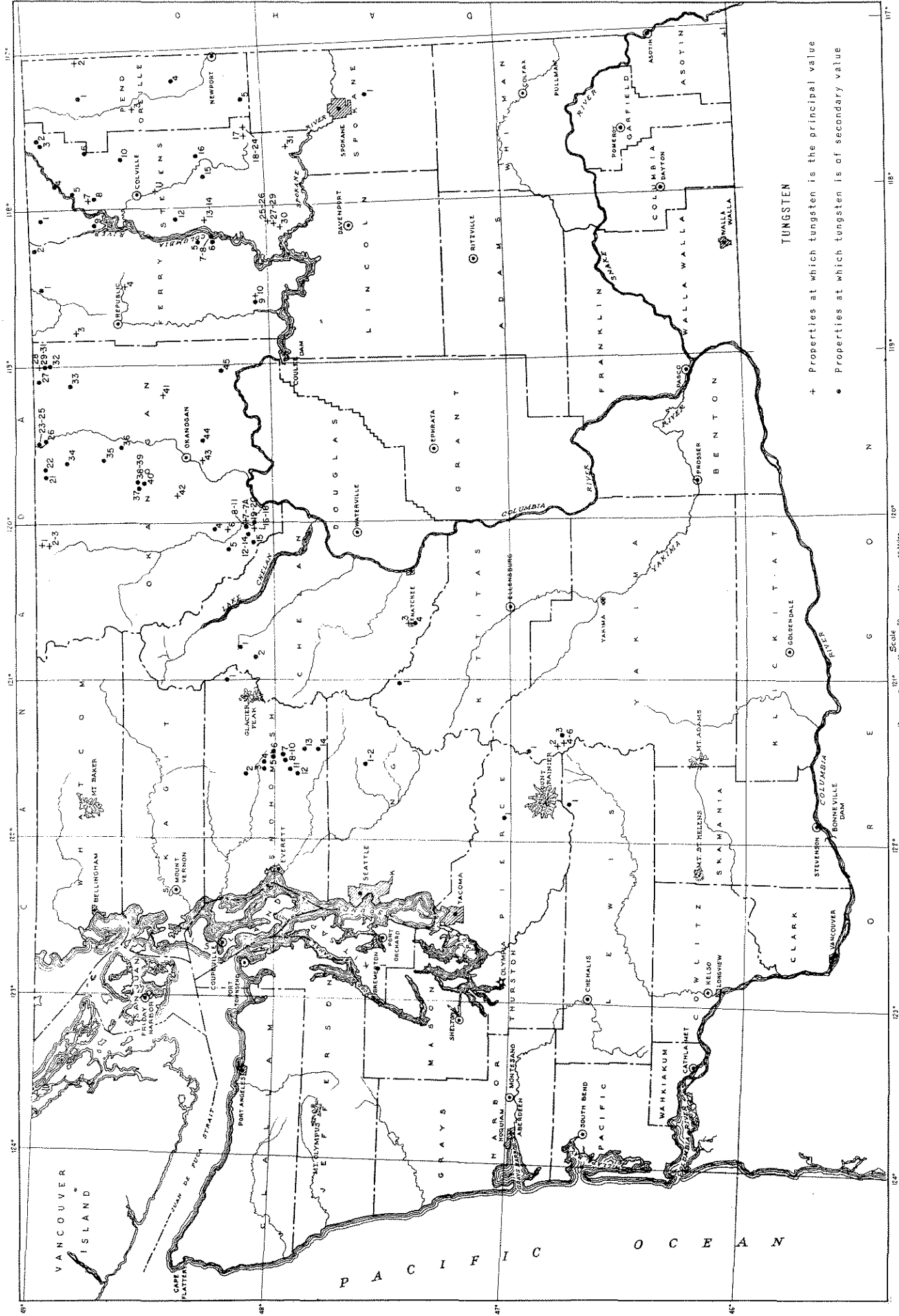
1. Big Iron
2. Lucile
3. Red Top
4. Heritage
5. Tile Creek
6. Magma
7. Mineral Ridge
8. Pritchard and Harper
9. Read
10. Longshot

11. McMillan
12. Daisy-Tempest
13. Columbia Tungsten
14. Washington Metals
15. Superior Copper
16. Juno-Echo
17. Gaber
18. Blue Grouse (new)
19. Blue Grouse (old)
20. Harrison
21. Jupiter
22. S. L.
23. Tungsten King
24. Tungsten Products  
"west end"
25. Becker-Anderson-  
Kirkwood
26. Germania
27. Germania  
Consolidated
28. Green
29. Roselle
30. Sand Creek
31. Little Mountain

### YAKIMA COUNTY

1. Gold Hill
2. Garibaldi
3. Keystone
4. Bird
5. Copper Mining Co.
6. New Find

PLATE 22  
TUNGSTEN



+ Properties at which tungsten is the principal value  
 • Properties at which tungsten is of secondary value



## URANIUM OCCURRENCES

(Numbers correspond to those on map and those following property names under uranium in volume 1.)

### CHELAN COUNTY

1. Holden
2. Keefer Brothers
3. Winesap Canyon
4. Safety Harbor Creek

### FERRY COUNTY

1. Lucky Leslie
2. Lucky 21
3. Oregonian
4. Sherman Creek Pass
5. Box Canyon
6. Nancy Creek
7. Section 36
8. Hurrell
9. Sunset Mines

### GRANT COUNTY

1. Grand Coulee

### KING COUNTY

1. Rainy

### KITTITAS COUNTY

1. Big Dome

### LEWIS COUNTY

1. Eagle Peak

### LINCOLN COUNTY

1. Pitney Butte

### OKANOGAN COUNTY

1. Lost Lake
2. Bi-Metallic
3. Aeneas
4. Happy Hill
5. American Strategic Minerals
6. Sanpoil

### PEND OREILLE COUNTY

1. Josephine
2. Grandview mine
3. Bella May (new adit)
4. Metaline Mining and Leasing Co.
5. Sacheen Lake
- 5A. West
6. Dry Canyon
- 6A. Rocky Ridge
7. Ruby
- 7A. Golden Anchor
8. Highnoon Uranium
- 8A. Starlight Uranium
9. Kimball Mines
10. Ponsness
11. Stagger Inn

### PIERCE COUNTY

1. Rushing River

### SKAMANIA COUNTY

1. Rainbow

### SNOHOMISH COUNTY

1. Mackinaw
2. Molly
3. Sultan
4. Kromona
5. Keller
- 5A. Broken Ridge

### SPOKANE COUNTY

1. Dahl
2. Elk Uranium
3. Kit Carson Uranium
4. Morning Sun Uranium
5. Dahl Uranium Mine, Inc.
6. Miner
7. Columbia Enterprises

8. Down Uranium & Oil
9. Section 32
10. Section 21
11. Tungsten Uranium Mines
12. Painted Desert
- 12A. Stapleton
13. Schaefer
14. Fish Lake
15. Graham
16. Carbon
17. Smith
18. Curtin
19. Thompson
20. Affiliated Mines
21. Anaconda Uranium

### STEVENS COUNTY

1. A A
2. U & W Uranium
- 2A. Painted Desert
3. O'Toole Mountain
4. Arden
5. Cannon
6. Snowshoe
7. Indian Chief Uranium
8. Germania
- 8A. Germania Consolidated
9. Midnite
10. Lucky Charm Uranium
11. Boyd
12. Dahl Uranium Mine, Inc.
13. Square Deal
14. Bair
15. Northwest Uranium
16. Section 13
17. Lowley
18. Big Smoke Uranium

### YAKIMA COUNTY

1. Bumping Lake
2. Chinook Pass

## VANADIUM OCCURRENCES

(Numbers correspond to those on map and those following property names under vanadium in volume 1.)

### CLARK COUNTY

1. Sunset Falls

### KITTITAS COUNTY

1. Zerwekh

### SKAGIT COUNTY

1. Scott

### SKAMANIA COUNTY

1. Skamania
2. Last Chance
3. Rainbow

### SNOHOMISH COUNTY

1. Wayside
2. Good Hope
3. Jasperson

### WHATCOM COUNTY

1. Smith

## ZIRCONIUM OCCURRENCES

(Numbers correspond to those on map and those following property names under zirconium in volume 1.)

### ASOTIN COUNTY

1. Clarkston Placer

### CLALLAM COUNTY

1. Shi Shi Beach Placer
2. Cedar Creek Placer

### FERRY COUNTY

1. Wilmont Bar Placer

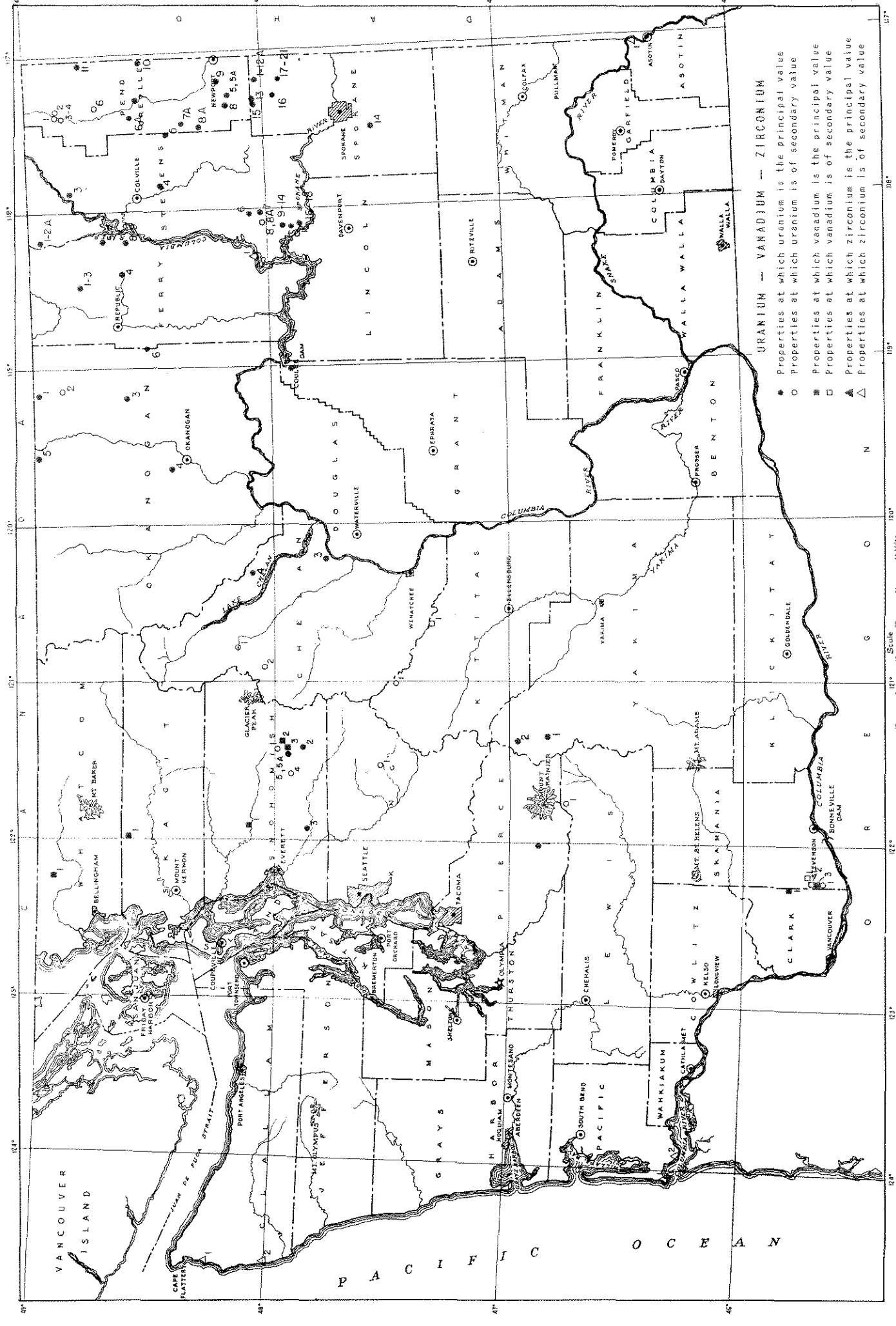
### GRAYS HARBOR COUNTY

1. Damons Point Placer

### PACIFIC COUNTY

1. Beards Hollow Placer
2. McGowan Placer

**PLATE 23**  
**URANIUM**  
**VANADIUM**  
**ZIRCONIUM**



URANIUM — VANADIUM — ZIRCONIUM

- Properties at which uranium is the principal value
- Properties at which uranium is of secondary value
- Properties at which vanadium is the principal value
- Properties at which vanadium is of secondary value
- ▲ Properties at which zirconium is the principal value
- △ Properties at which zirconium is of secondary value

Scale  
 0 10 20 Miles

124° 125° 126° 127° 128° 129° 130° 131° 132° 133° 134° 135° 136° 137°



## ZINC OCCURRENCES

(Numbers correspond to those on map and those following property names under zinc in volume 1.)

**CHELAN COUNTY**

1. Billy Jack
2. Clagstone
3. Silver Jack
4. Logan
5. Black Warrior
6. Cascade
7. Consolidated
8. Doubtful
9. Galena
10. Horseshoe Basin
11. Panama No. 2
12. Spokane Boy and Girl
13. King Solomon
14. Bismarck
15. Orphan Boy
16. Silver Trail
17. Holden
18. Keefer Brothers
19. Red Mountain
20. Van Epps

**CLALLAM COUNTY**

1. Angeles Star

**CLARK COUNTY**

1. Silver Star

**COWLITZ COUNTY**

1. Green Mountain

**FERRY COUNTY**

1. Cornstock
2. Lancaster
3. Panama
4. Talisman
5. Jennie
6. Renner Lake
7. California
8. Chief Barnaby
9. Big Lake
10. Gold Twenty
11. Goldsmith
12. Cold Spring
13. Don Patch
14. Great Scott
15. J. H. E.
16. Ren Rice
17. Dill
18. Keystone
19. Meteor
20. Montana
21. New York
22. Prescott
23. Romulus
24. Several
25. Stray Dog
26. Vernie
27. White Rose
28. Advance
29. Big Chief
30. Black Hawk
31. Drummond
32. Kentucky Bell
33. Legal Tender
34. Lone Pine
35. Longstreet
36. Robert E. Lee
37. Royal Ann
38. Silver Spar

## 39. Plymouth Rock

40. Silver Plume
41. Silver Queen
42. Nez Perce
43. Paulsen
44. Rattlesnake
45. Silver Bell
46. Silver Leaf
47. Yellowstone
48. McJunkin
49. Henneway
50. Shamrock
51. Stotesbury
52. Great Northern
53. Mono
54. Abe Lincoln
55. Meadow Creek
56. Addie B
57. North Star
58. Ophir
59. Rover Bonanza
60. Summit
61. Addison
62. Golden Cord
63. Poor Man's Hope
64. Cougar
65. Humboldt
66. Illinois
67. Jumper
68. Polepick

**KING COUNTY**

1. Salmon Creek
2. Treasury Lead
3. Anderson
4. Mohawk
5. Mount Phelps
6. Philippi Lake
7. Lennox
- 7A. Langer
8. Last Chance
9. Mono
10. Bear Basin
11. Cleopatra
12. Silver Star
13. Coney Basin
14. Dawson
15. King and Kinney
16. Seattle-Cascade
17. Three S Gulch
18. Aces Up
19. Jack Pot
20. Goat Mountain
21. Dutch Miller
22. Guye

**KITTITAS COUNTY**

1. Esther and Louisa
2. Camp Creek

**LEWIS COUNTY**

1. Eagle Peak
2. Mineral Creek

**LINCOLN COUNTY**

1. Crystal
2. Fouress
3. Valley View

**MASON COUNTY**

1. Black and White

**OKANOGAN COUNTY**

1. Billy Goat
2. Carr
3. Hanks
4. Cornwall
5. Daisy
6. Climax
7. Mazama Queen
8. American Flag
9. Iron Cap and Snow Cap
10. Mid Range
11. Spokane
12. Twisp View
13. Rattlesnake
14. Alder
15. Minnie
16. Antimony Queen
17. Hidden Treasure
18. Highland
19. Wolframite
20. Golden Zone
21. California
22. Catherine
23. Four Metals
24. Kaaba
25. Little Chopaka
26. McGrath
27. Summit
28. Ruby
29. Horn Silver
30. Rich Bar
31. Okanogan Free Gold
32. Kimberly
33. Hiawatha
34. Copper World Extension
35. Pinnacle
36. Security
37. Gold Hill
38. Silver Mountain
39. Central
40. Chief Sunshine
41. Lone Star
42. Copper King
43. Esther
44. Gubser
45. Key
46. Mineral Hill
47. Manitor
48. Salmon River
49. Silver King
50. Tough Nut
51. Lady of the Lake
52. Peacock
53. First Thought
54. Last Chance
55. Nevada
56. Arlington
57. Sonny Boy
58. Sherman
59. Malott
60. Apex
61. Olentangy
62. Butcher Boy
63. Yakima
64. Crystal Butte
65. Whitestone
66. American Flag
67. Atkins
68. Castle Creek
69. Cliff

70. Mountain Boy
71. Poorman
72. Sharp & Balthus
73. Snowshoe
74. Summit
75. Wasco
76. Iron Dike
77. Hercules
78. Independent
79. Ramore
80. Eureka
81. Great Western
82. Modoc
83. Twin Pine
84. Anna
85. Hudnut
86. Evening
87. Anchor
88. Apache
89. Cabin
90. Gould & Currie
91. Tip Top
92. Controller
93. Red Bird
94. Rebecca

**PEND OREILLE COUNTY**

(See plate 25.)

**PIERCE COUNTY**

1. Golden Rule
2. Silver Creek Gold & Lead
3. Silver Creek

**SKAGIT COUNTY**

1. Stephens
2. Skagit Queen
3. Lagan No. 2
4. Stenmo
5. Protection
6. Silver Tip
7. Thunder Creek
8. Alta
9. Boston
10. Chicago
11. West Seattle
12. Eldorado
13. Johnsburg
14. Cliff
15. Friend
16. Kildare
17. Midas
18. Soldier Boy
19. Pioneer

**SKAMANIA COUNTY**

1. Snowflake
2. Golconda
3. Commonwealth
4. Chicago
5. Sweden
6. Zinc Creek
7. Last Chance

**SNOHOMISH COUNTY**

1. Larson
2. Feldt
3. Gray Mare

4. Sunrise
5. Whitehorse
6. Nesta
7. Queen Anne
8. Gold Mountain
9. Glacier Peak
10. Wayside
11. Yankee Boy
12. Silver Coin
13. "45"
14. Milwaukee
15. Silver Horseshoe
16. Rustler
17. Ala-Dickson
18. Mountain Cedar
19. Lockwood Pyrite
20. Mineral Center
21. Washington-Iowa
22. O and B
23. Foggy
24. Monte Cristo
25. Good Hope
26. Peabody
27. Silver Queen
28. Calumet
29. Doris
30. Iowa
31. Florence Rae
32. Jasperson
33. Martin Engdahl
34. Mineral Mines
35. S. M. P.
36. Park Ridge
37. Index Gold Mines, Inc.
38. Kazian
39. Michigan
40. Cooperative
41. Calumet
42. Marvel

**STEVENS COUNTY**

(See plate 26.)

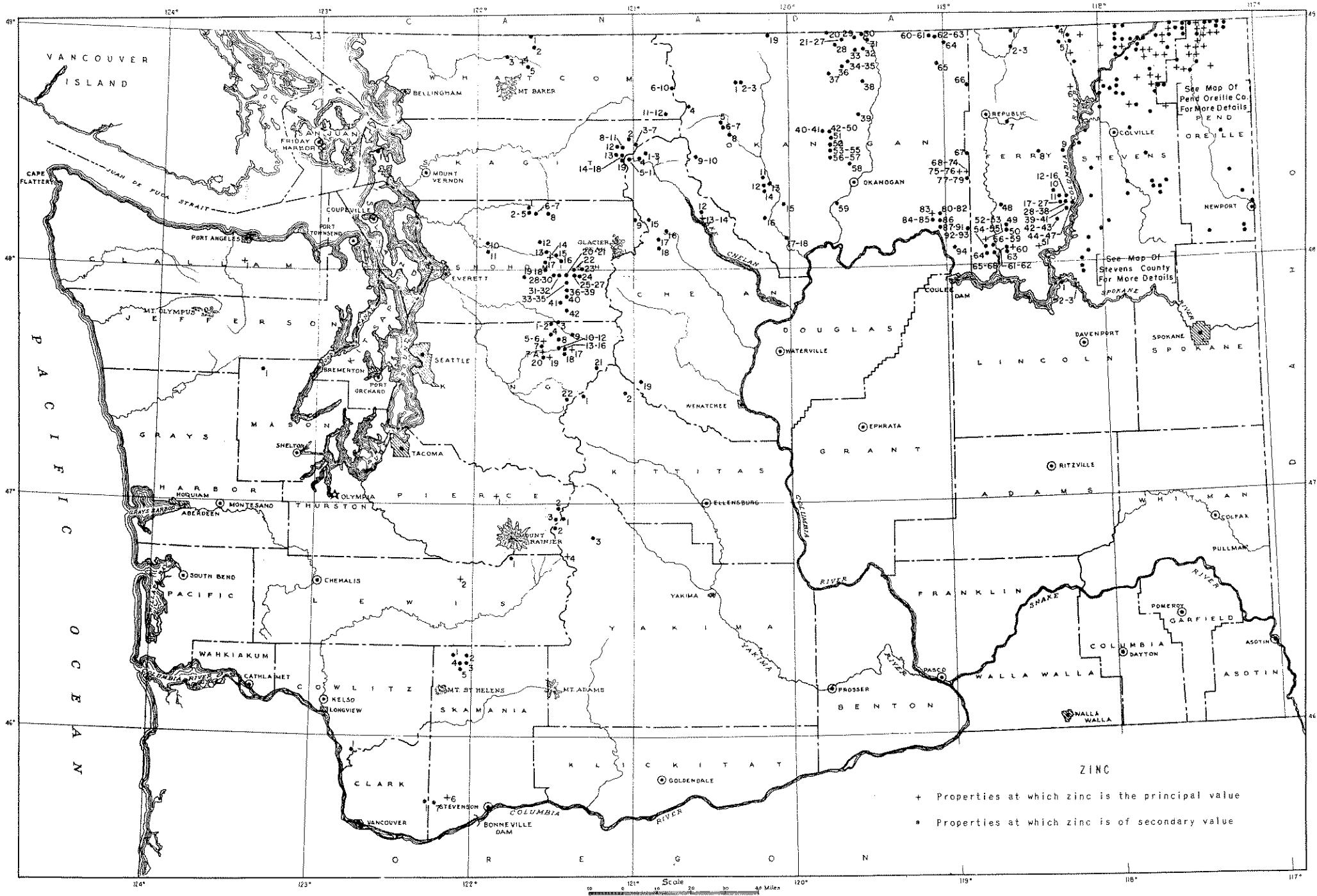
**WHATCOM COUNTY**

1. Gargett
2. Evergreen
3. Great Excelsior
4. Chain Lakes
5. Verona
6. Allen Basin
7. Baltimore
8. Chancellor
9. Mammoth
10. Tacoma
11. Azurite
12. Gold Hill

**YAKIMA COUNTY**

1. Gold Hill
2. Chinook
3. Richmond
4. Black Jack

**PLATE 24**  
**ZINC**



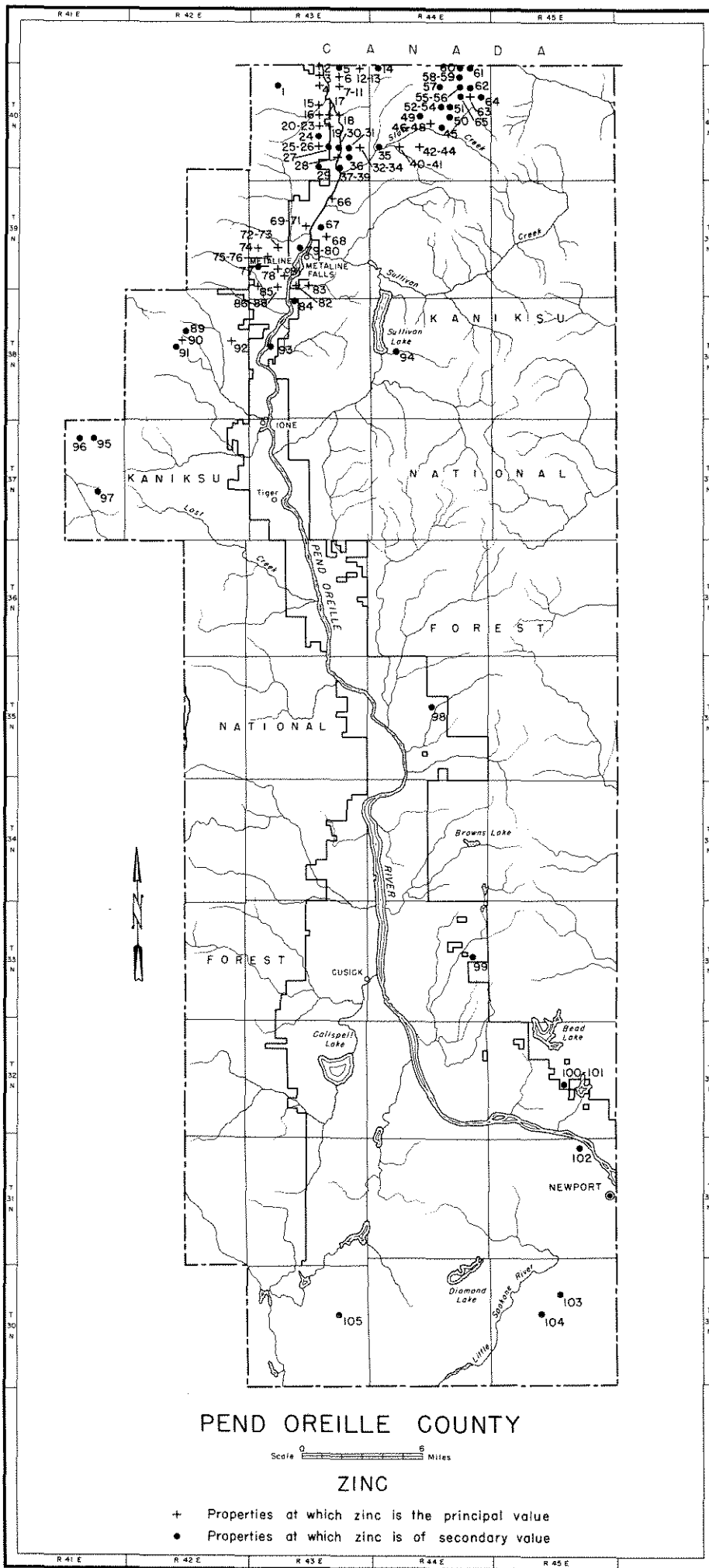
## ZINC OCCURRENCES—Continued

### PEND OREILLE COUNTY

(Numbers correspond to those on map and those following property names under zinc, Pend Oreille County, in volume 1.)

1. Caribou	25. Lead King	52. Hemlock	78. Ace Ten Spot
2. Tom Cat	26. Woodpecker	53. Mack	79. Metaline Falls
3. Gardner	27. Beaty	54. Maybeso	80. Washington
4. Hanley	28. Riverview	55. Last Chance	81. Metaline Mining & Leasing Co.
5. Mountain Goat	29. Mockingbird	56. Salmon	82. Pearson
6. Boundary	30. Flusey-Hoopala	57. Lucky Boy	83. Ore Hill
7. Z Canyon Mutual	31. Auburn	58. King Tut	84. O. K.
8. Lead Queen	32. Dumont	59. Kurlaw	85. Wolf Creek
9. Silver Crescent	33. Gilt Top	60. Tamarack	86. Bella May
10. Torrential-Sphinx	34. Lucky Boy Rex	61. Red Top	87. Blue Bucket
11. Z Canyon	35. Lookout	62. Hidden Treasure	88. Sterling
12. Lakeview	36. Last Chance	63. Lead Hill	89. Jim Creek
13. M M	37. Lucky Strike	64. Gold Hill	90. Coffin
14. Pend Oreille Iron, Lead, and Zinc	38. Red Crown	65. Lead Metal	91. Corzine
15. Peewee	39. Robert E. Lee	66. Metaline Metals	92. Cedar Creek
16. Pay Day	40. Eureka	67. Morning and Mammoth	93. Blue Jim
17. Saddle	41. Star	68. Grandview mine	94. Little Noisy
18. Georgia Rose- Texas Slim	42. Eagle	69. Josephine	95. Barefoot
19. Pine Cone- Z Canyon	43. Star	70. Pend Oreille Mines & Metals Co.	96. La Sota
20. Cliff	44. Uncas	71. Sullivan	97. Rocky Creek
21. Columbia Lead & Zinc Mining Co.	45. Troyer	72. Bob Tail and Four Flush	98. Mule Deer
22. Giant-Flying Squirrel	46. Lead Hill Extension	73. Metaline Contact	99. Ackerlund
23. Hoage	47. Slate Creek	74. Oriole	100. Bead Lake
24. Twin Lakes	48. Whoopie-Galena Hill	75. Diamond Eagle	101. Comstock
	49. Sunshine	76. Fairview-Hoosier	102. General MacArthur
	50. Jenny Dee- Snowshoe	77. Diamond R.	103. Lloyd
	51. Iron Cap		104. Mount Pisgah
			105. Hansen

PLATE 25  
ZINC—  
PEND OREILLE  
COUNTY



## ZINC OCCURRENCES—Continued

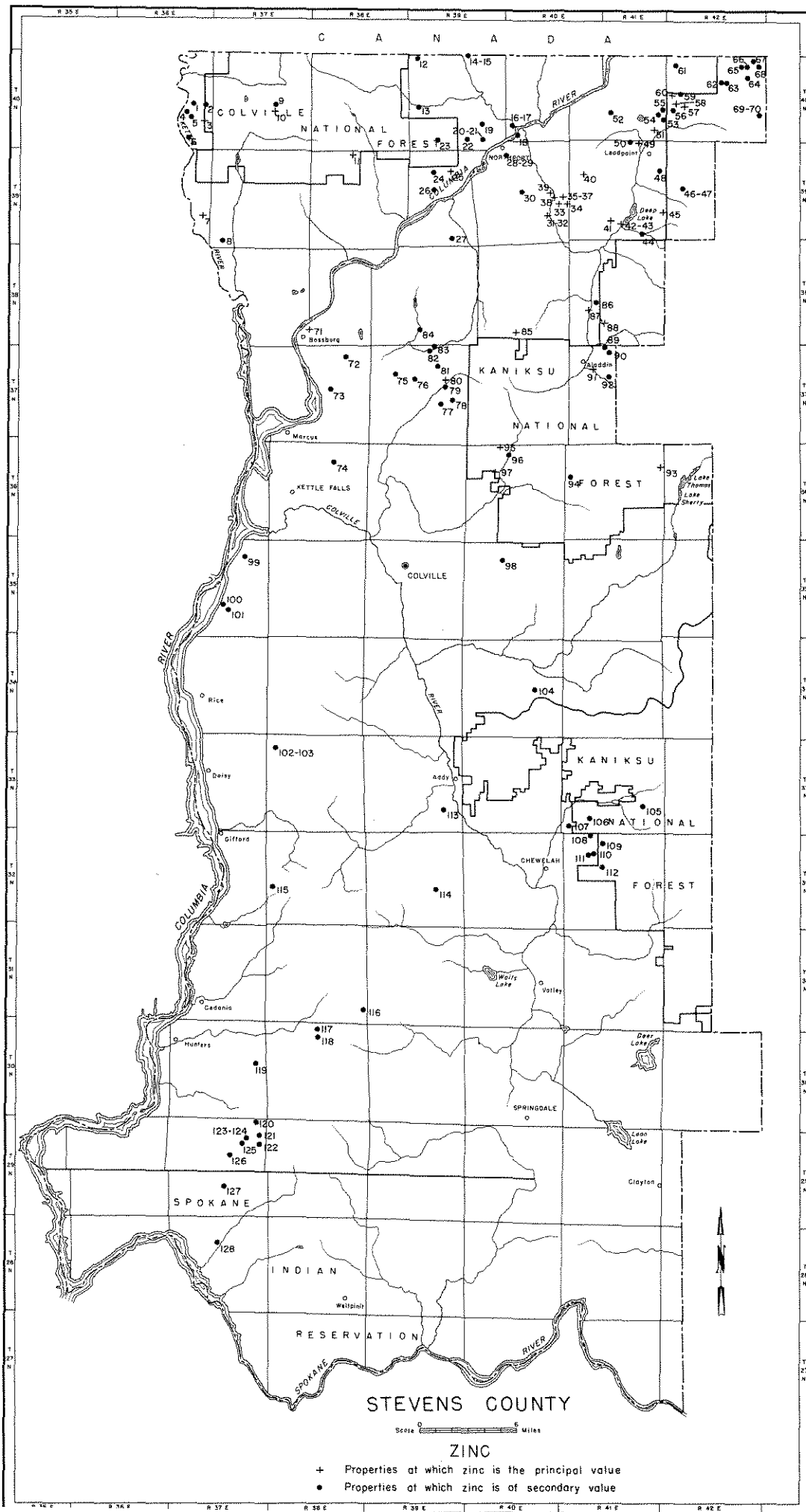
## STEVENS COUNTY

(Numbers correspond to those on map and those following property names under zinc, Stevens County, in volume 1.)

1. Perry	33. Great Western	65. United Treasure	98. Old Dominion
2. Eureka	34. Last Chance	66. Myeerah	99. Ark
3. Iron Mask	35. Black Rock	67. Frisco Standard	100. Acme
4. Rockcut	36. Empire	68. Buffalo	101. Alma
5. Lucky Charlie	37. Helena Johnson	69. Evergreen	102. Daisy-Tempest
6. Galena Hill	38. Deep Creek	70. Olympia	103. Tempest
7. Defender	39. Scandia	71. Young America	104. Bear Mountain
8. Globe	40. Advance	72. Bonanza	105. Winslow
9. Easter Sunday	41. Plug	73. Gold Bar	106. Chinto
10. Pomeroy	42. Farmer	74. Vanasse	107. Jay Dee
11. Flat Creek	43. Young	75. Red Sheaf	108. Eagle
12. Comstock	44. Maki	76. Lucky Stone	109. Hecla
13. White Horse	45. Carbo	77. Avondale-Dome	110. Jay Gould
14. Double Standard	46. Electric Point	78. Chloride Queen	111. Payne
15. Great Republic	47. Gladstone	79. Big Chief	112. Mullen
16. Riverview	48. Lead King	80. Echo	113. Krug
17. Sunset	49. Anderson	81. Neglected	114. Nevada
18. Sterrett	50. A. Anderson	82. Uncle Sam	115. Columbia Tungsten
19. Coyote	51. Admiral	83. A and C	116. Wells Fargo
20. Lone Star	Consolidated	84. Silver Trail	117. Orchid
21. Mountain View	52. Melrose	85. Van Stone	118. Cleveland
22. Providence	53. Red Top	86. Copper King	119. North Monitor
23. Hubbard	54. Hartbauer	87. Sierra Zinc	120. Little Frank
24. Bullion	55. Copper King	88. Magma	121. Deer Trail
25. Heritage	56. Anaconda	89. Morning	122. Hoodoo
26. Short Wait	57. Iroquois	90. Oakshot	123. Brooks
27. Wall Street	58. Lucile	91. Burrus	124. Queen
28. Northern Light	59. Ranch View	92. Aladdin	125. Saturday Night- Sunday Morning
29. Silver Crown	60. Jackson	93. Middleport	126. Achan Bee
30. Stonewall- Sunnyside	61. Roosevelt	94. Longshot	127. Orazada
31. New England	62. Just Time	95. Joe Creek	128. O-Lo-Lim
32. Occidental	63. Highland	96. Michigan Boy	
	64. Keough	97. Shoemaker	

PLATE 26  
ZINC—  
STEVENS COUNTY





## ORE UNKNOWN

(Numbers correspond to those on map and those following property names under ore unknown in volume 1.)

### CHELAN COUNTY

1. Adolph
2. Christy
3. Gertie
4. Kingman
5. Lady of the Lake
6. Sunnyside
7. Viola
8. Water Fall
9. White Cap
10. Mayflower and East Side
11. Silver Bell
12. Gibson
13. Granite
14. Happy Thought
15. Iron Cap
16. Iron Cross
17. Mattie Jane
18. Winniepeg
19. Chelan Falls
20. Diamond Drill
23. Stoner
24. Eureka
25. Gilman
26. Last Chance
27. Sunrise
28. Tibbie
29. Bagley

### FERRY COUNTY

1. Evening Star
2. Cuba
3. Churchill
4. Bortle
5. Anonymous
6. Iron Rod
7. Salina
8. Josie
9. Lost Lode
10. Maple
11. Mohawk
12. Goldsmith
13. Kirkpatrick
14. Lookout
15. Mountain View
16. Tomboy
17. Last Chance
18. Meadowlark
19. Rising Sun
20. Buster
21. Liberty Bell
22. Raspberry
23. Seattle
24. Stemwinder
25. Tyler

25. Ironsides
27. Bonanza Fraction
28. Bummer
29. Golden Zone
30. Iron Age
31. Lincoln
32. Wells

### GRAYS HARBOR COUNTY

1. Damons Point

### KING COUNTY

1. Orphan Girl
2. Double Stamp
3. McKinley
4. Markley
5. Mina
6. Spider
7. Ascherfeld
8. Milton-Hardy
9. Red Butte
10. Tornado
11. Clara K.
12. Jumbo
13. Portland
14. Copper Bell
15. Black Jack
16. United Cascade Mining Co.
17. Commonwealth

### KITTITAS COUNTY

1. Billy Goat
2. Lucky Boy
3. Merrick
4. Phoenix and Little New York
5. Red Jacket
6. Taft
7. Wolf

### LEWIS COUNTY

1. Peterson

### MASON COUNTY

1. Darcy

### OKANOGAN COUNTY

1. Bonanza Chief
2. Weymyer
3. Lucky Sunday
4. Clayton
5. Kaywash
6. Echo Gulch
7. Lucky Jim
8. Portland

9. Ashton
10. Similkameen
11. Beggar's Choice
12. Silver Star
13. Buckhorn
14. Keno
15. Deerfly
16. U. S. Treasure
17. Rainbow
18. Dewey
19. Keystone
20. Philadelphia
21. Aurora
22. Sunflower
23. Cape Nome
24. Sailor Boy

### PEND OREILLE COUNTY

1. Pine Hill
2. Josie
3. Wide West
4. Emerald
5. Malden
6. Wall Street
7. Log Cabin
8. Storm
9. Brown

### PIERCE COUNTY

1. Apex

### SKAGIT COUNTY

1. Black Stallion
2. Hartay

### SKAMANIA COUNTY

1. Bonanza
2. Hercules
3. Denmark
4. Tennessee
5. Big Blue
6. Chicago and Golden Crown
7. Williams

### SNOHOMISH COUNTY

1. Witcher
2. Non Pareil
3. Bunker Hill
4. Baby Lode
5. Black Hawk
6. Doubtful
7. Three Sisters
8. Summer Coon

9. Beta
10. Boulder
11. Cedar
12. Columbus
13. Welcome
14. Sacramento
15. Bengal
16. Clara
17. San Francisco
18. Waterfall and Blackjack
19. Congress
20. Pauline
21. Phoenix
22. Alki and Ellen
23. Arkansas Traveler
24. Butte
25. Marine
26. Old Missouri
27. Scotch Lassie Jean
28. Wildcat
29. Combination
30. Buncombe
31. Copper Matte
32. Echo
33. Columbus
34. Copper Bullion
35. Concord

### STEVENS COUNTY

1. Tenderfoot
2. Treadwell
3. Princess Pat
4. Chief and Butte
5. David Harum
6. Log Cabin
7. Monohan
8. Union
9. Hartbauer
10. Lucky Strike
11. Alice Mae
12. Calumet and Hecla
13. Strobeck
14. Buck Canyon
15. Edwin Seaman
16. Skookum
17. Uncle Sam
18. Washington
19. Brown Bear

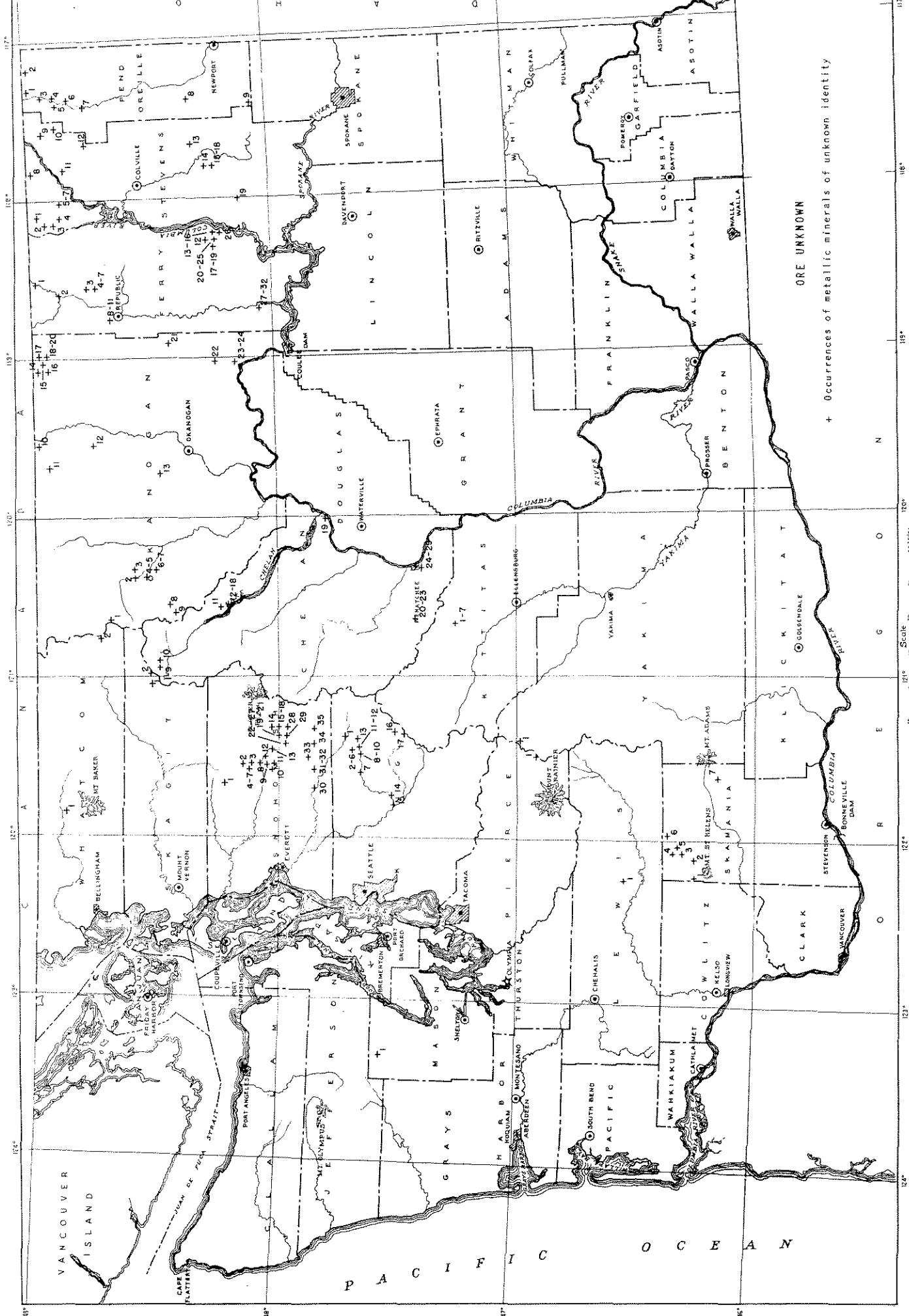
### WHATCOM COUNTY

1. Newton and Miller
2. Chandelar

### YAKIMA COUNTY

1. Bob's Mine

**PLATE 27**  
**ORE UNKNOWN**



ORE UNKNOWN  
+ Occurrences of metallic minerals of unknown identity

Scale  
0 10 20 Miles