CANADA

DEPARTMENT OF MINES AND RESOURCES

GEOLOGICAL SURVEY OF CANADA

MINES, FORESTS, AND SCIENTIFIC SERVICES BRANCH

LEGEND

CENOZOIC

TERTIARY

MIOCENE OR EARLIER

16 — KAMLOOPS GROUP
Mainly andesite and basalt; some conglomerate and tuffaceous beds; coal

CRETACEOUS OR TERTIARY

15 — *Granite, syenite, and quartz syenite*

MESOZOIC

JURASSIC AND OR LATER

COAST INTRUSIONS

14 — *Mainly granodiorite; 14a, diorite and gabbro*

TRIASSIC

UPPER TRIASSIC

NICOLA GROUP

13 — *Mainly augite andesite porphyry*

PALAEOZOIC

CARBONIFEROUS (?) AND PERMIAN

CACHE CREEK GROUP (?)

11, 12 — *11. Mainly argillite; conglomerate*
12. Andesite, tuff, argillite, chert, limestone

PRE-CARBONIFEROUS (?)

10 — *Peridotite and pyroxenite; serpentine*

PALAEOZOIC OR PROTEROZOIC

WINDERMERE OR LATER

MOUNT IDA GROUP (1-9)

3 — EAGLE BAY FORMATION: *andesite, tuff, tuffaceous argillite, argillite, quartzite, limestone; chlorite schist and gneiss; 8a, mainly flaggy limestone*

7 — SICAMOUS FORMATION: *mainly flaggy limestone; argillite*

6 — MARA FORMATION; *biotite and chlorite schist, andesite, limestone*

5 — ADAMS LAKE FORMATION. *mainly green andesite and agglomerate*

4 — SALMON ARM FORMATION: *mainly quartz-mica schist and gneiss*

3 — CHASE FORMATION: *mainly calcareous quartzite, and limestone; argillite*

2 — LARKIN FORMATION: *quartz-mica schist and gneiss; argillite*

1 — KING EDWARD FORMATION: *mainly hornblende and chlorite schist and gneiss*

9 — MOUNT IDA GROUP *Similar, lithologically, to 8, but relative age uncertain*

Heavily drift-covered area

Bedding (horizontal, inclined, vertical, overturned)

Fault

Anticlinal axis

Synclinal axis

Glacial striae

Fossil locality — F

Mining property — 4

Mineral Occurrence — X

Geology by H. M. A. Rice, 1945; 1946, and A. G. Jones, 1947

Road, well travelled

Road, not well travelled

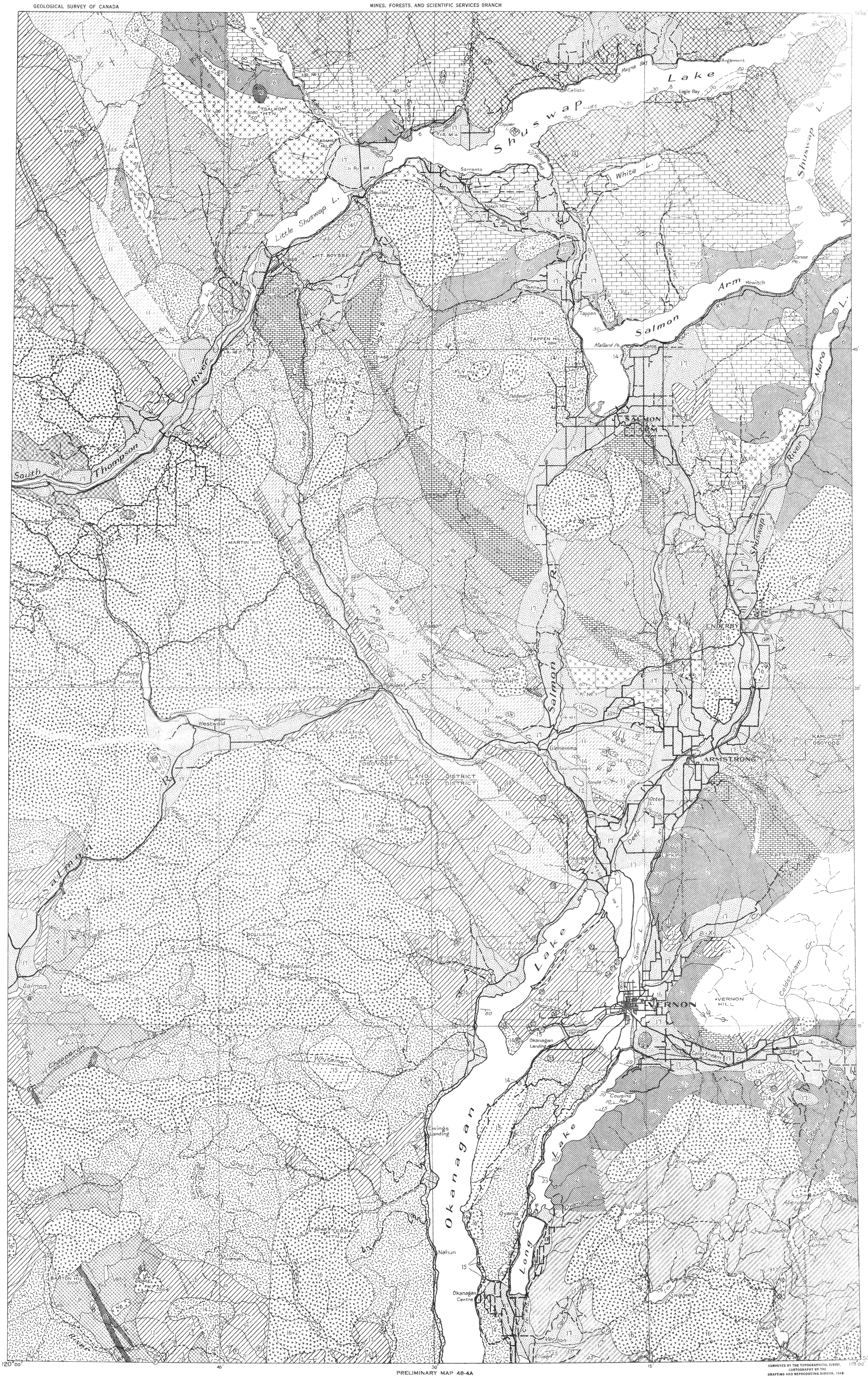
Trail

Marsh

LIST OF MINING PROPERTIES

1. Iron Pot *(gold, lead, zinc)*
2. Shuswap *(copper, lead, zinc)*
3. Copper Island *(copper)*
4. Copper Chief, Copper Cup, and Vimy *(copper)*
5. Victory *(zinc)*
6. Gypsum, Lime, and Alabastine, Canada, Ltd. *(gypsum)*
7. Bonnie Brae *(lead, zinc)*
8. Sugar Loaf and Grandview *(lead, gold)*
9. Pilot Lode *(gold)*
10. Yokahama *(molybdenum)*
11. Grand Times and Hidden Treasure *(gold)*
12. Black Hawk *(gold)*
13. Skookum *(gold)*
14. Goodenough *(copper, gold)*
15. Mitchell and Cochrane *(lead, silver)*
16. Klondike *(copper, gold)*
17. Densy *(gold)*
18. Octagon *(silver, lead)*
19. Payroll *(silver, lead)*
20. Keystone *(copper gold ?)*
21. I. X. L. *(gold ?)*
22. Jumbo *(gold)*
23. Blue Jay *(gold)*
24. Falcon *(gold)*
25. Ophir *(copper, lead, zinc, gold)*
26. Three Trumps *(copper, gold)*
27. Rex *(gold, copper)*
28. Bon Diable *(gold, silver)*
29. Silver Star *(silver, lead, copper)*
30. Lone Star Asbestos *(asbestos)*
31. Shorts Creek Coal *(coal)*
32. White Elephant *(gold)*
33. Chrome Vanadium *chromite*
34. Ruby Gold and Cartwright ? *gold*
35. Morning Glory *(gold)*
36. British Empire *(gold)*
37. Bachelor *(gold, copper)*
38. Mission Hill *(gold, silver)*
39. Chance *(gold)*

NOTE. Most of the properties listed above are referred to in Geol. Surv. Canada, Summary Report. 1931, Part A, pp. 73-109.


Shuswap Lake
Little Shuswap L.
Salmon Arm
Salmon River
Okanagan Lake
Long Lake
Mara L.
Shuswap L.
White L.
Anglemont
Celista
Eagle Bay
Sorrento
Squilax
Notch Hill
Chase
Tappen
Mowitch
Canoe Pt.
Mallard Pt.
SALMON ARM
ENDERBY
ARMSTRONG
VERNON
Okanagan Landing
Okanagan Centre
Ewings Landing
Cosens Bay
Westwald
Falkland
Glenemma
Pritchard
Adams Lake
TSALKOM MTN.
MT. TOD
ADAMS HILL
SQUILAX MTN.
BLACK MTN.
MT. HILLIAM
MT. BOYSSE
TAPPEN HILL
MT. CHASE
MT. IDA
MARTIN MTN.
ESTEKWALAN MTN.
MT. CONNAUGHT
MONTE HILLS
TUKTAKAMIN MTN.
KAMLOOPS OSOYOOS
LAND DISTRICT
SIWASH ROCK
BOULEAU MTN.
TAHEKUN MTN.
CHAPPERON MTN.
TERRACE MTN.
BARTON HILL
DOME PK.
ABERDEEN MTN.
VERNON HILL
Nahun
Oyama
Lavington
Coldstream
Cousins Bay
Okanagan Centre
Ellison
Swalwell
Aberdeen
Hadda
Specks Lakes
King Edward
Larkin
Deep Creek
Mara
Sicamous
Chase
Salmon
Shuswap
Adams
Thompson
Nicola
Coldstream Gr.
Chapperon
Whiteman
Shorts Cr.
Beak
Bolean
Blair
Robbins
Monte Lake
Mabel L.
Kingfisher
Ranger Cr.
Eagle R.
Tappen
Sicamous
Mara