

LEGEND

- CENOZOIC**
- QUATERNARY**  
PLEISTOCENE AND RECENT  
15 Till, gravel, sand, clay, alluvium
- TERTIARY**  
MIOCENE OR EARLIER  
14 Basalt, tuff  
13 Gabbro
- CRETACEOUS OR LATER**  
UPPER CRETACEOUS OR LATER  
12 Rhyolite, dacite, andesite, basalt; associated tuffs and breccias; minor conglomerate
- JURASSIC (?) AND LATER**  
UPPER JURASSIC (?) AND LATER  
COAST INTRUSIONS (4-11)  
MOUNT BOLOM STOCK: granite, in part porphyritic  
11 SWING PEAK STOCK: fine-grained porphyritic diorite  
10 Granodiorite, quartz diorite, diorite, granite  
8 QUANCHUS BATHOLITH: granite, quartz monzonite, quartz diorite  
6 Red granite  
5 Syenite, granite, monzonite  
4 Diorite  
3 Gabbro
- CRETACEOUS**  
LOWER CRETACEOUS  
Argillite, arkose, breccia, tuff, andesite, basalt
- JURASSIC**  
MIDDLE JURASSIC (Mainly)  
HAZELTON GROUP  
Breccia, tuff, andesite, dacite, rhyolite, basalt, argillite, greywacke, chert, conglomerate, minor limestone. May include some undifferentiated 3
- TRIASSIC**  
UPPER TRIASSIC  
Breccia, tuff, andesite, argillite
- Metamorphic rocks: greenstone, amphibolite, phyllite, schist, gneiss, crystalline limestone; undifferentiated minor intrusions of diorite and granite

NOTE: Age of 4 to 9 relative to 3 uncertain; 10, 11 younger than 3; sequence of Coast intrusions uncertain

- Bedding (inclined, vertical) .....  
Glacial striae .....  
Drift ridges .....  
Fault (defined, approximate, assumed) .....  
Fossil locality .....  
Mining property .....  
Mineral occurrence ..... X Cu

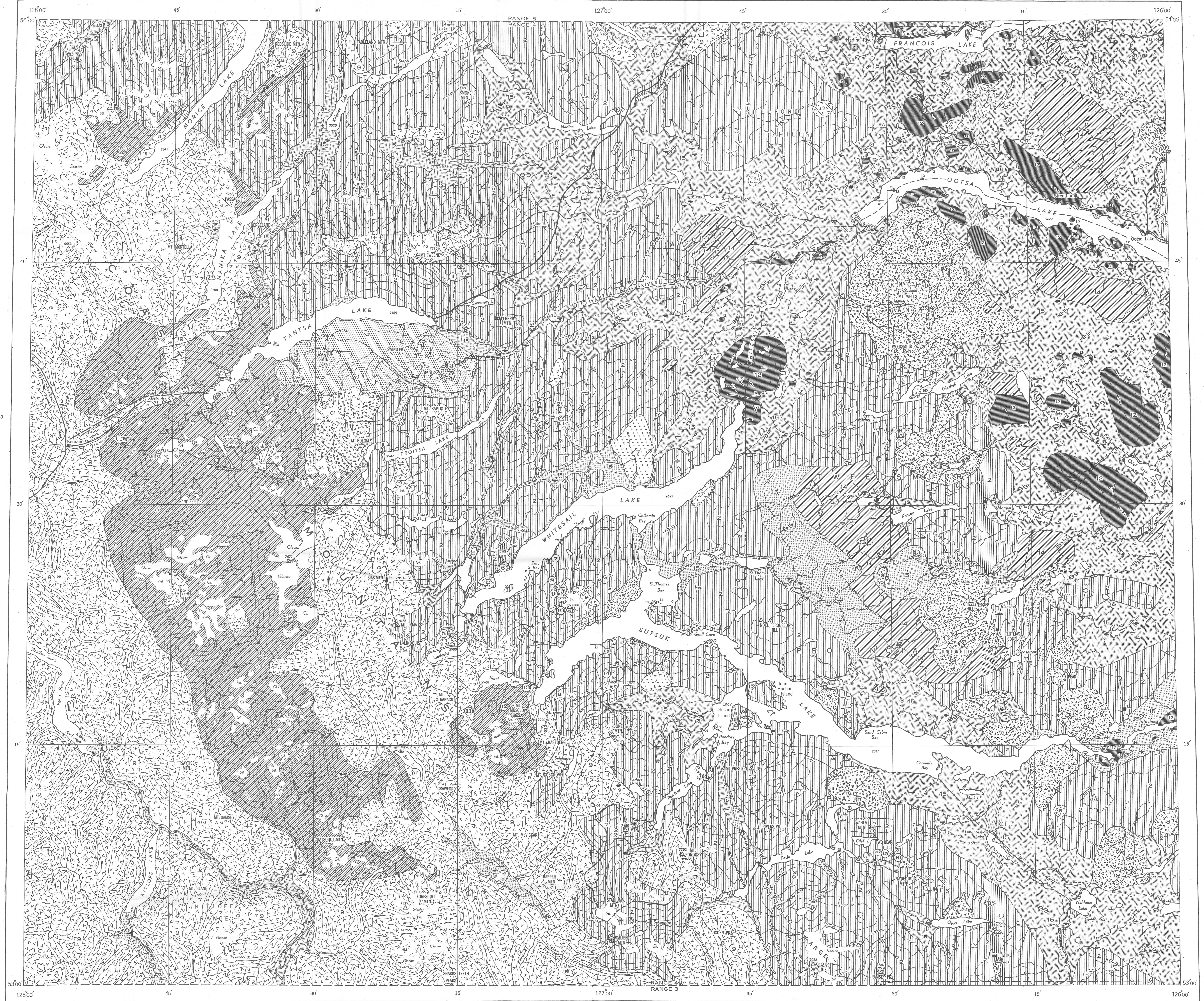
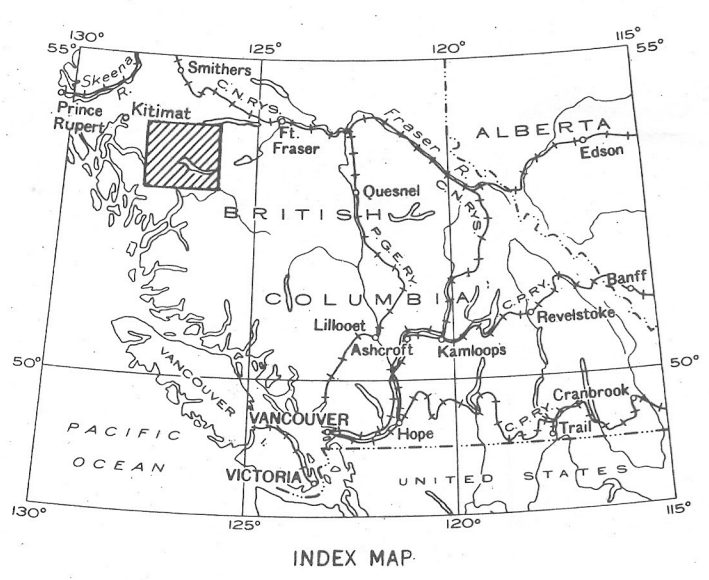
INDEX TO MINING PROPERTIES AND MINERAL OCCURRENCES

- 1 Emerald Glacier group ..... Zinc, lead, silver  
2 Riverside group ..... Gold  
3 Captain group ..... Lead, zinc, silver  
4 Sandifer Lake occurrence ..... Copper  
5 Harrison group ..... Gold, silver, scheelite  
6 Core group ..... Gold  
7 Mentor group ..... Zinc, lead, gold, silver  
8 Roosevelt group ..... Zinc, lead, silver, gold  
9 Garner No. 1 and Marie group ..... Lead, zinc, silver, gold  
10 Rainy and Gold Coin group ..... Lead, zinc, silver, gold  
11 Sural Pass occurrence ..... Copper  
12 Sural occurrence ..... Zinc, molybdenum  
13 Sural Lake group ..... Gold  
14 Red Bird Mountain occurrence ..... Copper  
15 Chetso River occurrence ..... Copper  
16 Two Bear Hill occurrence ..... Copper

Geology by S. Duffell, 1947-52

- Building or cabin .....  
Road .....  
Trail .....  
Triangulation station .....  
Range boundary .....  
Provincial Park boundary .....  
Marsh .....  
Sand or gravel .....  
Glacier .....  
Contours (interval 1000 feet) .....  
Height in feet above mean sea-level ..... 2230

Surveys by the Topographical Survey, 1947-48.  
Approximate magnetic declination, 26° 45' East.



PRELIMINARY MAP 52-21A

WHITESAIL LAKE  
COAST DISTRICT  
BRITISH COLUMBIA

Scale: 1/160,000  
Miles

