

LEGEND

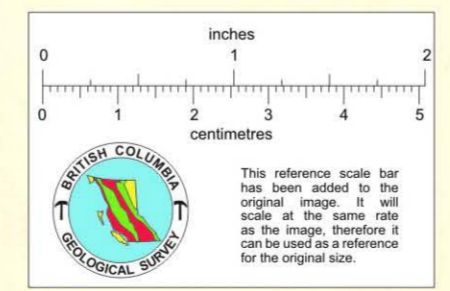
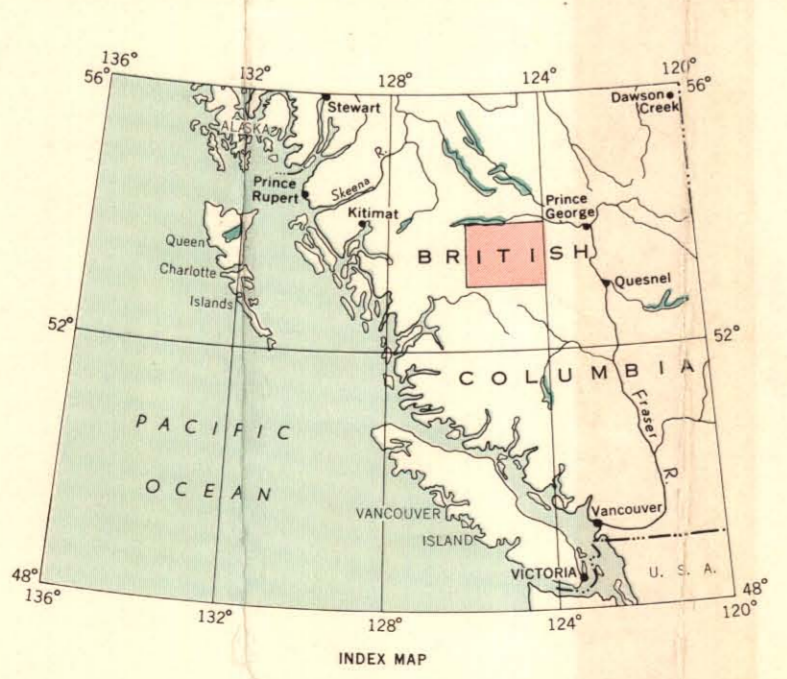
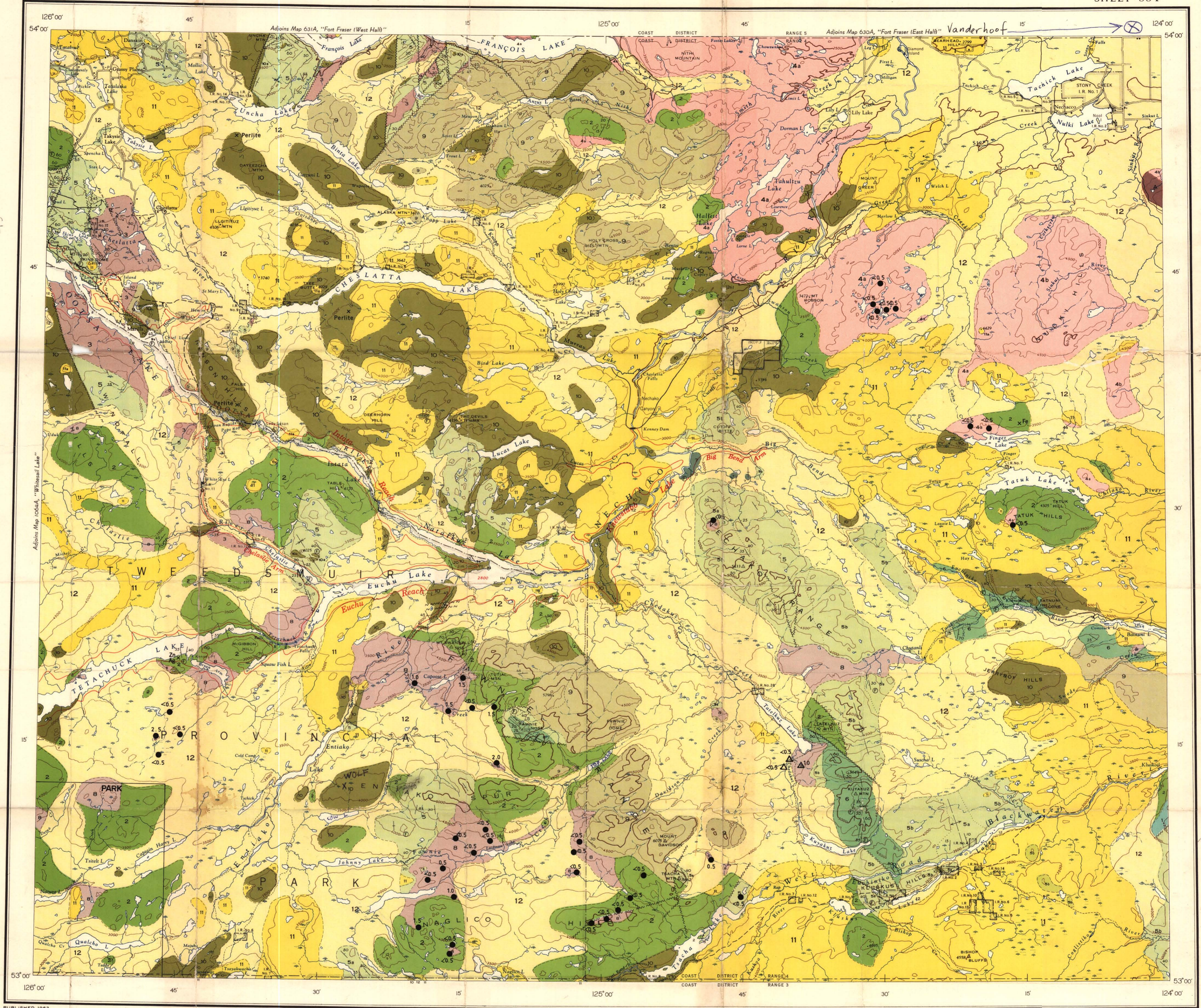
- QUATERNARY  
PLEISTOCENE AND RECENT**  
12 Till, gravel, sand, clay, and silt
- TERTIARY  
MIOCENE AND (?) LATER  
ENDAKO GROUP**  
11 Vesicular and amygdaloidal andesite and basalt; flow breccia, tuff, conglomerate, greywacke, and lignite; T1a, necks, plugs and dykes
- PALEOCENE (?) EOCENE, AND OLIGOCENE  
OOTSA LAKE GROUP (in part)**  
10 Rhyolite, dacite, and associated tuffs and breccias; minor andesite, basalt, and conglomerate; T0a, rhyolitic and dacitic dykes, necks, and stocks
- CRETACEOUS AND (?) TERTIARY  
UPPER CRETACEOUS AND (?) PALEOCENE  
OOTSA LAKE GROUP (in part)**  
9 Basalt, andesite, and related tuffs and breccias; minor rhyolite and dacite; 9a, conglomerate and greywacke
- JURASSIC AND/OR CRETACEOUS  
UPPER JURASSIC AND/OR CRETACEOUS**  
8 Granite, quartz diorite, granodiorite, and diorite JKI
- JURASSIC  
UPPER JURASSIC**  
7 Argillite and argillaceous limestone
- MIDDLE JURASSIC  
HAZELTON GROUP (in part)**  
6 Greywacke, argillite, conglomerate, tuff, breccia, andesite, and arkose; minor rhyolite H2
- MIDDLE AND (?) LOWER JURASSIC  
HAZELTON GROUP (in part)**  
5 Andesite, related tuffs and breccias, chert pebble conglomerate, shale, and sandstone; 5a, mainly volcanic rocks; 5b, mainly sedimentary rocks J1
- LOWER JURASSIC  
TOPLEY INTRUSIONS**  
4 4a, granite and granodiorite; 4b, diorite and quartz diorite J1
- TRIASSIC AND JURASSIC  
UPPER TRIASSIC AND LOWER JURASSIC  
TAKLA GROUP (2,3)**  
3 Red and brown shale, conglomerate, and greywacke RST
- 2** Andesitic and basaltic flows, tuffs, and breccias; interbedded argillite and minor limestone RFT
- PENNSYLVANIAN (?) AND PERMIAN  
CACHE CREEK GROUP**  
1 Limestone Pcc
- A** Serpentinized peridotite. Probably Mesozoic

- Bedding, tops not indicated (inclined, vertical) / /  
Fault (defined, approximate, assumed) - - - - -  
Anticline - - - - -  
Syncline - - - - -  
Fossil locality +  
Mineral occurrence x Fe

- MINERAL OCCURRENCES**  
Iron . . . . . Fe Silver . . . . . Ag  
Perlite . . . . . Perlite Zinc . . . . . Zn

Geology by H. W. Tipper, 1949-1953  
To accompany G. S. C. Memoir 324 by H. W. Tipper  
Cartography by the Geological Survey of Canada, 1962

Mean magnetic declination, 26° 15' East decreasing 3.5' annually. Readings vary from 25° 47' in the SE corner to 26° 40' in the NW corner of the map area



MAP 1131A  
GEOLOGY  
**NECHAKO RIVER**  
BRITISH COLUMBIA

Scale: One Inch to Four Miles =  $\frac{1}{253,440}$   
Miles 4 2 0 4 8 12  
COPIES OF THIS MAP MAY BE OBTAINED FROM THE DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA

- U ppm in intrusive rock  
△ U ppm in silt

- Road, all weather  
Road, dry weather  
Cart track  
Trail  
Building  
Church  
School  
Post Office  
Horizontal control point  
District boundary  
Park and Indian Reserve boundary  
Present shoreline above Kenney Dam  
Stream (intermittent)  
Falls and rapids  
Marsh or swamp  
Sand or gravel  
Contours (interval 500 feet)  
Height in feet above mean sea-level 2000, 1000

see Memorandum dated February 28, 1978  
 uranium file (in box in library)

Base-map by the Surveys and Mapping Branch  
**822053**  
93F U Occurrences Marked