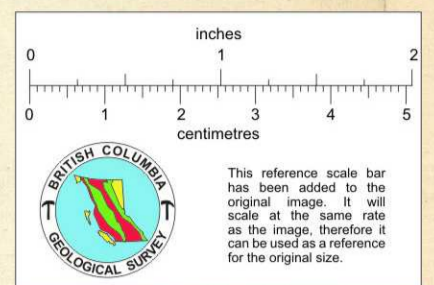


# GEOLOGY OF THE OWEN LAKE, PARROTT LAKES, GOOSLY LAKE AREA

OMINECA MINING DIVISION B.C.

GEOLOGY BY N. CHURCH, 1973



## BEDDED ROCKS

### MIOCENE

POPLAR BUTTES VOLCANICS, COLUMNAR OLIVINE BASALT.

### EOCENE

BUCK CREEK VOLCANICS, INTERCALATED BASALTIC ANDESITE (locally feldspathic) AND / APHANITIC ANDESITE AND DACITE.

GOOSLY LAKE VOLCANICS, MAINLY BIOTITE - PYROXENE - PLAGIOCLASE TRACHYANDESITE LAVAS / AND THICK SILLS OR LAVA FLOWS AND SMALL STOCKS OF SIMILAR ROCK.

### PALEOCENE OR UPPER CRETACEOUS

TIP TOP HILL VOLCANICS, MAINLY BIOTITE-HORNBLLENDE ANDESITE AND ANDESITIC DACITE LAVAS AND PYROCLASTIC ROCKS.

### EARLY AND MIDDLE MESOZOIC

ACID AND INTERMEDIATE LAVAS AND PYROCLASTIC ROCKS, SOME ARGILLITE, SANDSTONE, AND CONGLOMERATE.

### IGNEOUS INTRUSIONS

SYENOMONZONITE - ALKALIC GABBRO STOCKS.

GOOSLY BIOTITE GRANITIC STOCK

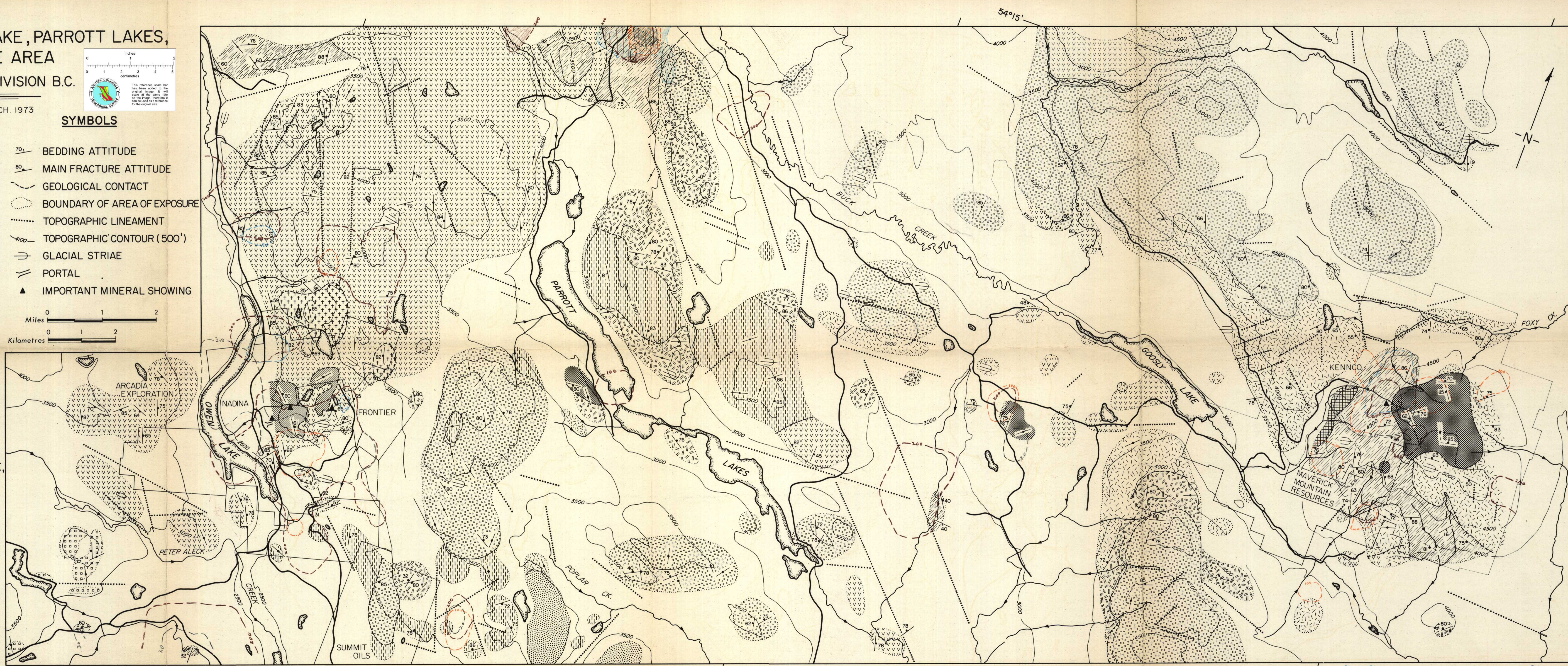
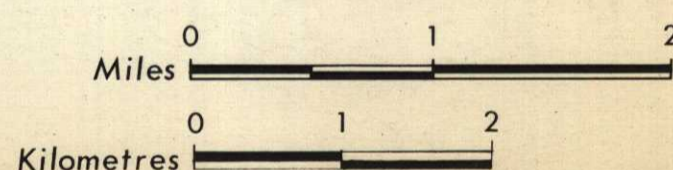
DUCK LAKE BIOTITE - PLAGIOCLASE PORPHYRY STOCK.

MINE HILL MICRODIORITE SILLS AND DYKES.

OKUSYELDA HILL BIOTITE - QUARTZ PORPHYRY.

## SYMBOLS

- 70° BEDDING ATTITUDE
- 80° MAIN FRACTURE ATTITUDE
- GEOLOGICAL CONTACT
- BOUNDARY OF AREA OF EXPOSURE
- TOPOGRAPHIC LINEAMENT
- TOPOGRAPHIC CONTOUR (500')
- GLACIAL STRIAE
- PORTAL
- ▲ IMPORTANT MINERAL SHOWING



54°00' 126°45'

126°30' BRITISH COLUMBIA DEPARTMENT OF MINES AND PETROLEUM RESOURCES. PRELIMINARY MAP No. 13 A

126°15'

322223 093L Goosly Lake Area