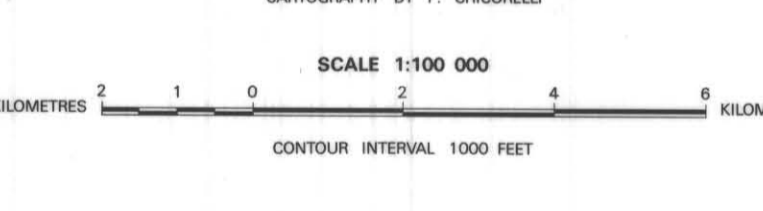


Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

PRELIMINARY MAP 43
GEOLOGY OF EASTERN MARGIN OF SHUSWAP COMPLEX, FRENCHMAN CAP AREA

COMPILED BY T. HAY AND R. L. BROWN, 1980
CARTOGRAPHY BY P. CHIODRELLI



- LEGEND**
- PORPHYRITIC GRANITE GNEISS
 - ALLOCHTHONOUS COVER (HUDSONIAN ?)
 - PEDMATITE - LACED QUARTZ - BIOTITE - FELDSPAR PARAGNEISS, AMPHIBOLITE, HORNBLende GNEISS, AND CALC-SILICATE GNEISS (UNIT E OF WHEELER, 1985)
 - MONASHEE COMPLEX**
AUTOCHTHONOUS COVER (AGE UNKNOWN)
 - n NEPHELINE SYENITE GNEISS, SYENITE GNEISS
 - 6 MICACEOUS SCHIST, HORNBLende GNEISS, CALC-SILICATE GNEISS, MARBLE, QUARTZITE, IMPURE MARBLE
 - 5 QUARTZITE, SCHIST, QUARTZOFELDSPATHIC GNEISS AND GNEISS
 - AMPHIBOLITE, LOCALLY INTERBEDDED WITH QUARTZITE
 - 4 CALC-SILICATE GNEISS, SCHIST (s), QUARTZITE (s), HORNBLende GNEISS, MARBLE (M)
 - 4v CALC-SILICATE GNEISS, SILLIMANITE/KYANITE SCHIST AND BIOTITE GNEISS (s), MINOR QUARTZITE
 - 4iv GREY WEATHERING, WHITE CRYSTALLINE MARBLE
 - 4iii BIOTITE-HORNBLende GNEISS, MINOR QUARTZITE, MARBLE, CALC-SILICATE GNEISS, MICACEOUS SCHIST, CARBONATITE (s)
 - 4ii QUARTZITE, MINOR SCHIST
 - 4i CALC-SILICATE GNEISS AND MARBLE, MICACEOUS SCHIST
 - 3 BASAL QUARTZITE, MINOR CONGLOMERATIC QUARTZITE, SCHIST, AND CALC-SILICATE GNEISS
 - CORE GNEISS (APHEBIAN ?)**
 - 2 MIXED PARAGNEISS AND ORTHOGNEISS, BIOTITE-HORNBLende GNEISS, AMPHIBOLITE, GRANITIC GNEISS, MINOR CALC-SILICATE GNEISS, MICACEOUS SCHIST, QUARTZITE
 - 1 DOMINANTLY GRANITIC ORTHOGNEISS; PARAGNEISS

- *Thin units are shown with exaggerated thicknesses.**
- SYMBOLS**
- GEOLOGICAL CONTACT: DEFINED, APPROXIMATE, ASSUMED
 - LIMIT OF MAPPING, OVERBURDEN
 - FAULT: DEFINED, APPROXIMATE, ASSUMED
 - FOLD AXIAL SURFACE TRACE: EARLY, LATE
 - SYNCLINE: UPRIGHT, OVERTURNED
 - ANTICLINE: UPRIGHT, OVERTURNED
 - SYNFORM, ANTIFORM
 - LAYERING, FOLIATION, LINEATION
 - STRATATOUND Pb-Zn-Ag DEPOSIT, Pb-Zn-Ag OCCURRENCE
 - CARBONATITE
 - MOLYBDENITE DEPOSIT, OCCURRENCE

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