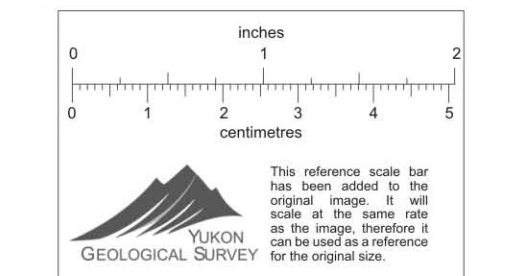
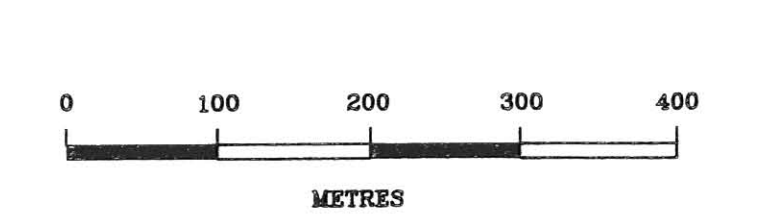


LOWER CRESCENT LAKE SHOWINGS SEE FIG. 6
 MIDDLE CRESCENT LAKE SHOWINGS SEE FIG. 7
 UPPER CRESCENT LAKE SHOWINGS SEE FIG. 8
 GOSSAN HILL SHOWINGS SEE FIG. 5

- SYMBOLS**
- ▲ magnetite showings
 - 3-10% fine disseminated pyrrhotite
 - ▨ silica flooding
 - Pb isotope samples
 - 400 ppm Zn contour
 - ▬ roads/trenches
 - ▬ outcrop
 - ▬ bedding strike with dip
 - ▬ foliation strike with dip
 - ▬ shear band strike with dip
 - ▬ fold hinge with plunge
 - ▬ jointing strike with dip
 - ▬ geological contact (inferred)
 - ▬ geological contact (defined)
 - ▬ intrusive contact
 - ▬ fault
 - diamond drill hole location

- LEGEND**
- INTRUSIVES**
- LATE CRETACEOUS-TERTIARY**
- 10 light gray to white, ophanitic to quartz-feldspar porphyritic felsite dykes
- MIDDLE CRETACEOUS SEAGULL BATHOLITH**
- 9 equigranular, fine to medium-grained quartz monzonite stock
- PALEOZOIC-JURASSIC (LATE DEVONIAN-PERMIAN)**
- 8 weakly foliated, fine to medium-grained, equigranular to feldspar porphyritic diorite sills and dykes
- ALLOCTHONOUS TERRANES?? (YUKON CATACLASTIC COMPLEX, INTERMONTANE BELT) OR OUTBOARD, DISPLACED AUTOCHTHONOUS TERRANES??**
- DORSEY TERRANE (SLIDE MOUNTAIN EQUIVALENT?)**
- MISSISSIPPIAN-PERMIAN**
- 7 light to medium gray, thin bedded quartz-feldspar-amphibole-biotite-chlorite rhyolite (sheared intrusives, volcanics, sediments?)
- 6 light gray to white, strongly sheared, thin to massive bedded quartz-feldspar phytic to aphyric siliceous and sericite schists (volcanic flow/tuff/cherty tuff?); includes minor, more mafic volcanic flows/dykes/tuff
- 5 medium to dark maroon, strongly sheared, thin bedded, fine grained to massive bedded medium grained biotite hornfels (fine sediments; minor volcanics/intrusives?); variably bleached (silicified) about quartz-pyrrothite-pyroxene veins
- 4 light green to purple green, strongly sheared, thin bedded and very fine-grained calc-silicate (silica-pyroxene) hornfels (pervasive to vein-related, progressive alteration of pre-existing biotite hornfels)
- 3 light to dark gray to brown, fine to coarse-grained, thin bedded to massive schists progressing from pyroxene-calcite-silice to pyroxene-garnet-calcite to garnet-pyroxene-calcite-pyrrothite-epidote-chlorite-uranopyrite with variably developed chlorite-amphibole-epidote (pervasive to vein related progressive alteration of calc-silicate hornfels)
- 2 light gray to white, fine to medium-grained, massive recrystallized carbonate/marble/marmor dolomite
- DISPLACED AUTOCHTHONOUS TERRANES (MINNECA BELT)**
- CASSIAR TERRANE**
- LATE DEVONIAN-MISSISSIPPIAN**
- 1 black, massive, locally carbonaceous and pyrrhotitic (after pyrite), siliceous and variably veined and hornfelsed, strongly sheared mudstone, siltstone, and/or fine sandstone



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N.T.S. 105B/3 E

SWIFT RIVER

GEOLOGY AND D.D.H. LOCATIONS

Drawn by: PAM	Traced by: APR
Revised by: Date:	Ass'd. by: SWIFT
APR	Jan 1994

SCALE: 1:5000 DATE: Oct. 1993 PLATE NO.: 3