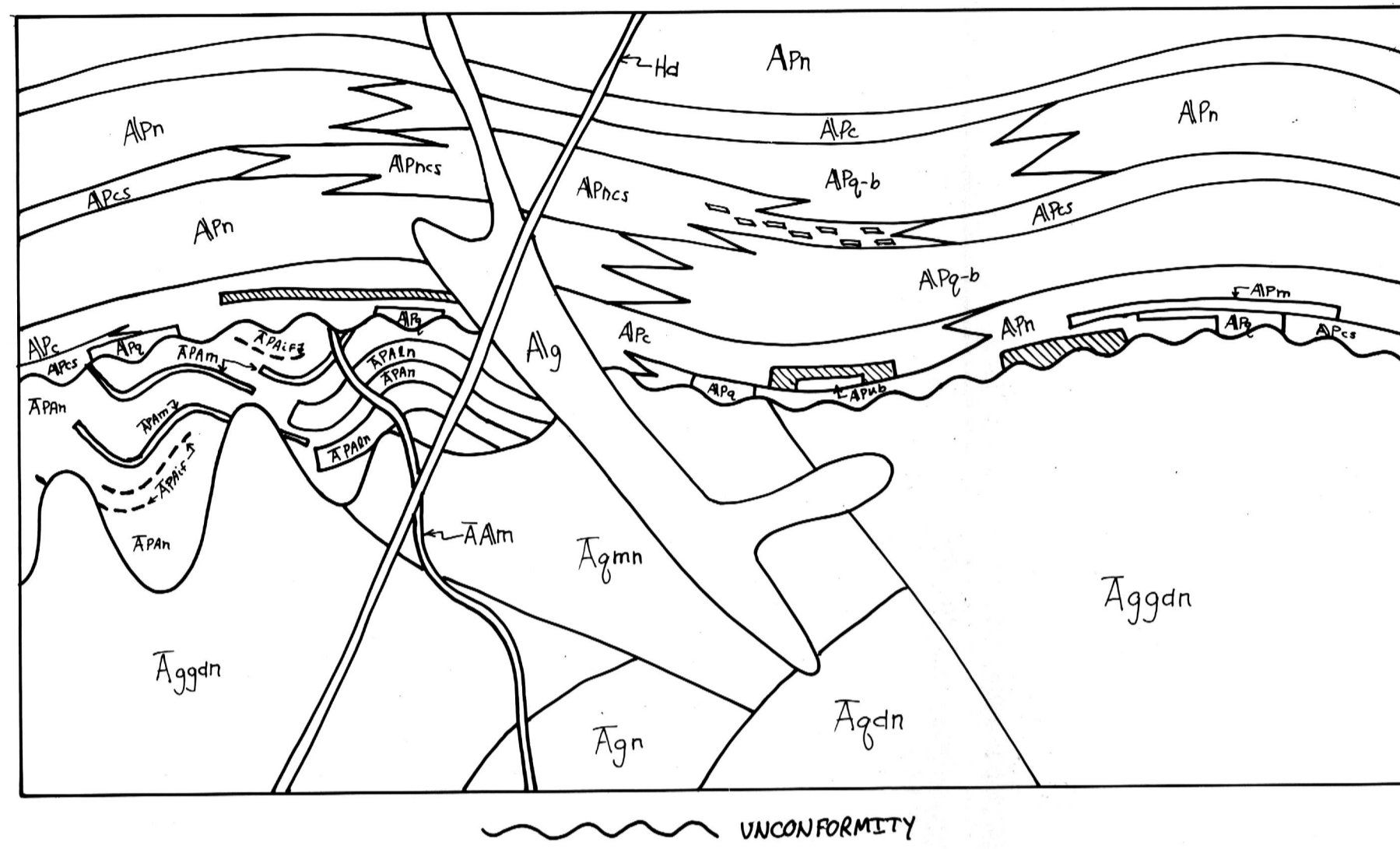


LEGEND

Hadrynian	Ha	DIABASE DYKES
	Ag	COARSE-GRAINED, WHITE PEGMATITE, GRANITE AND QUARTZ MONZONITE
	APncs	MEDIUM-GRAINED, GRAY FELDSPATHIC PARAGNEISS; COMMON PHASES ARE FELDSPAR, QUARTZ, AMPHIBOLE, BIOTITE. GREEN-WEATHERING AMPHIBOLE, BIOTITE OR EPIDOTE-RICH FELDSPATHIC PARAGNEISS
	APcs	MEDIUM-GRAINED, CALC-SILICATE GNEISS; COMMON PHASES ARE PLAGIOCLASE (OR SCAPOLITE), K-FELDSPAR, DIOPSIDE, QUARTZ.
	APc	WHITE, COARSE-GRAINED CALCITE MARBLE; COMMONLY CONTAINS SCATTERED DIOPSIDE, GRAPHITE AND FELDSPAR
	APq-b	MEDIUM- TO FINE-GRAINED BIOTITE-FELDSPAR QUARTZITE; FLAGGY-LAYERING COMMON.
	APn	MEDIUM-GRAINED BIOTITE PARAGNEISS; COMMONLY GARNET-CORDIERITE-SILLIMANITE BEARING; ABUNDANT PEGMATITE LAMINAE. RUSTY-WEATHERING SCHIST, PARAGNEISS & GOSAN ZONES.
	APub	COARSE-GRAINED HORNBLENDE-PYROXENE-OLIVINE-GARNET ULTRABASIC ROCKS; MINOR METAGABBRO & AMPHIBOLITE.
	APm	MEDIUM-GRAINED, HOMOGENEOUS AMPHIBOLITE.
	APq	WHITE, COARSE-GRAINED ORTHOQUARTZITE; MINOR BIOTITE, FELDSPAR, SILLIMANITE OR GARNET.
Apehian	AAm	AMPHIBOLITE DYKES.
	Agmn	MELANOCRATIC, COARSE-AUGEN QUARTZ MONZONITE GNEISS.
	Agdn	HORNBLLENDE, QUARTZ DIORITE GNEISS.
	Agn	LEUCOCRATIC, SMALL-AUGEN GRANITE GNEISS.
Archean	Aggdn	MEDIUM- AND COARSE-GRAINED, BIOTITE-HORNBLLENDE GRANITE AND GRANODIORITE GNEISS.
	APAnm	UNDIFFERENTIATED HORNBLENDE PARAGNEISS, SCHIST (APAn), AMPHIBOLITE (APAm); MAY CONTAIN SOME GRANITOID GNEISS (Aggdn) AND GRANITE (Ag).
	APAn	LEUCOCRATIC, BIOTITE-QUARTZ-FELDSPAR GNEISS.
	APAc	IRON-FORMATION; MAINLY QUARTZ, MAGNETITE, AMPHIBOLE; MINOR SULFIDE AND SILICATE FACIES.
	APAm	FINE-GRAINED AMPHIBOLITE AND BIOTITE AMPHIBOLITE.
Archean	APAn	HORNBLLENDE PARAGNEISS AND SCHIST; MINOR GARNET-BIOTITE AND SILLIMANITE-BIOTITE SCHIST.

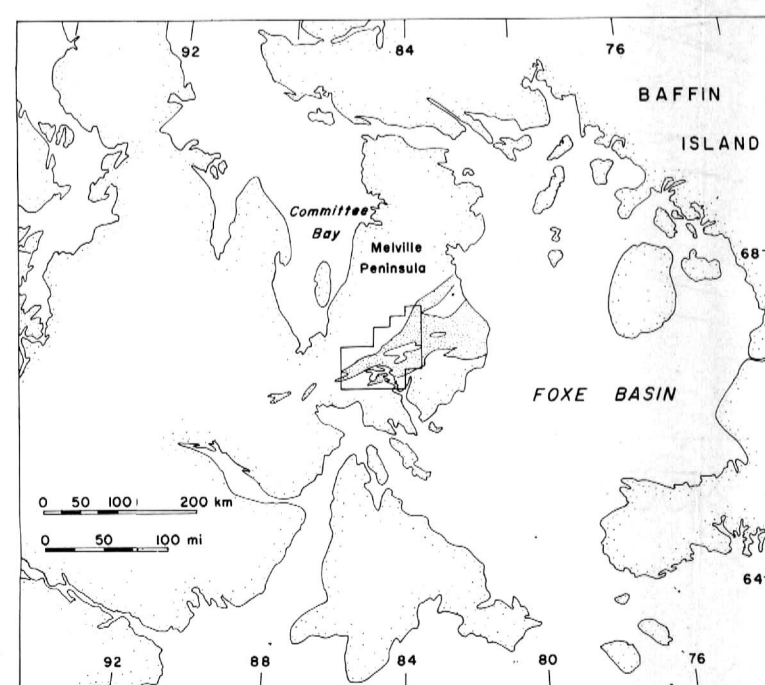
DIAGRAMMATIC RELATIONSHIP OF ROCK UNITS



STRUCTURAL SYMBOLS

GEOLOGICAL BOUNDARY (DEFINED, APPROX, INFERRED)	— · — · — ·
BEDDING, TOPS UNKNOWN (HORIZ., INCLINED, VERTICAL)	+ / /
GNEISSOSITY, SCHISTOSITY, CLEAVAGE (HORIZ., INCLINED, VERTICAL)	+ / /
FOLD AXIAL SURFACE (INCLINED, VERTICAL)	[I]
FOLD AXIS (PLUNGE DIRECTION)	→ ANTIFORM AXIS ↗ → SYNFORM AXIS ↘
MINERAL LINEATION (PLUNGE DIRECTION)	x
FAULT (DEFINED, APPROX) ALSO (460-4 ONLY)	~~~~~ -----

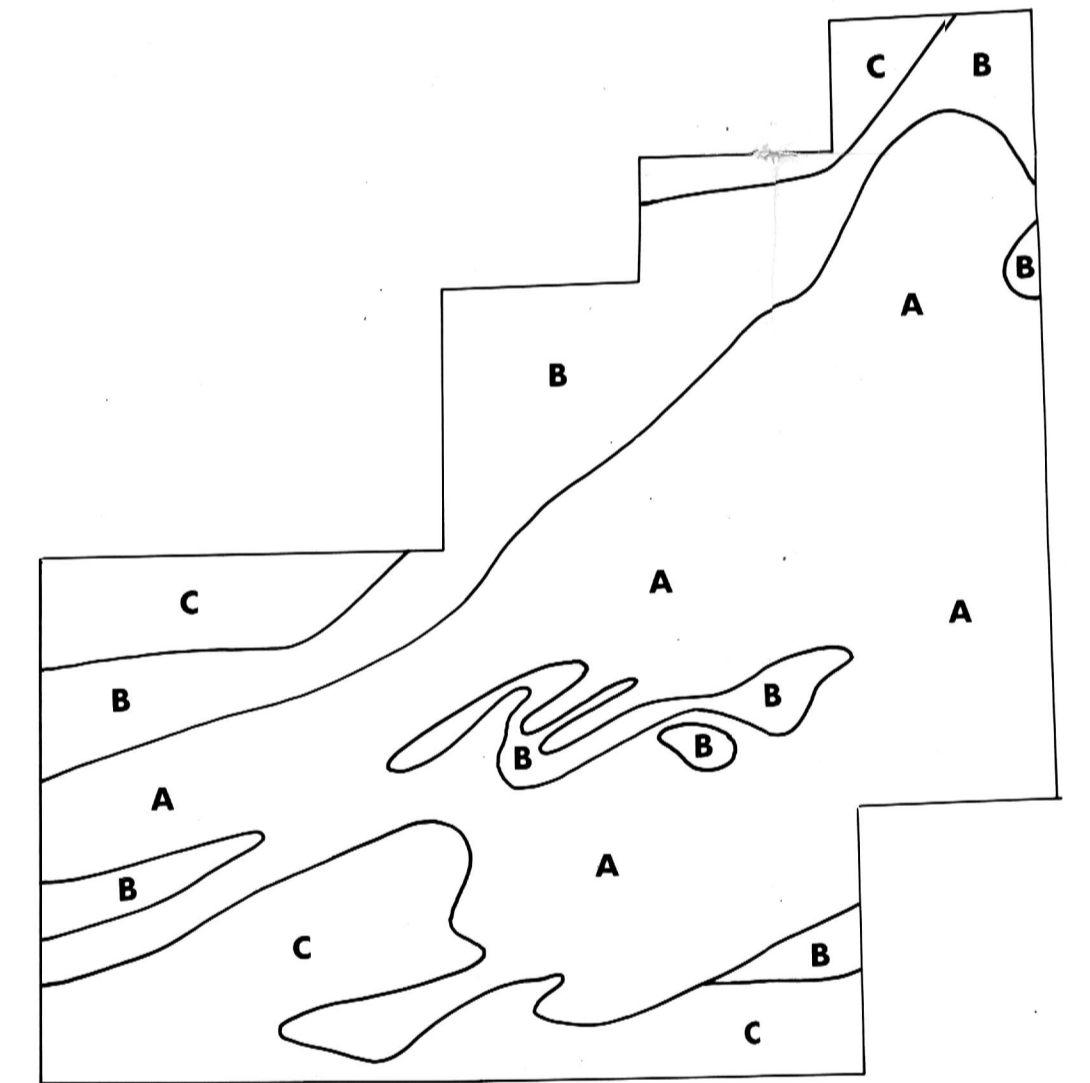
LOCATION MAP SE END OF FOXE FOLD BELT MELVILLE PENINSULA, N.W.T.



			46N-9(S) (J.E.R.)	460-12 (I.H.)
		46N-7 (A.N.LeC.)	46N-8 (J.E.R. & I.H.)	460-5 (J.R.H. & A.M.)
46N-4 (A.N.LeC.)	46N-3 (J.E.R.)	46N-2 (J.E.R. & I.H.)	46N-1 (J.E.R.)	460-4 (J.R.H.)
46K-13 (J.R.H. & A.M.)	46K-14 (J.E.R. & J.R.H.)	46K-15 (I.H.) (J.E.R.)	46K-16 (I.H.)	

INDEX TO N.T.S. 1:50,000 MAP SHEETS
AND DIVISION OF GEOLOGICAL MAPPING RESPONSIBILITIES

- (J.E.R.) JE. REESOR
- (I.H.) IAN HUTCHEON
- (A.N.LeC.) A.N. LeCHEMINANT
- (A.M.) A. MILLER
- (J.R.H.) J.R. HENDERSON



GEOLOGICAL RELIABILITY

- A CONTACTS MAPPED BY CLOSELY SPACED FOOT TRAVERSES.
- B GEOLOGY INFERRED BETWEEN WIDELY SPACED FOOT TRAVERSES AND SCATTERED SPOT LANDINGS.
- C GEOLOGY INFERRED BETWEEN WIDELY SPACED HELICOPTER TRAVERSES WITH SCATTERED SPOT LANDINGS.

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