HUMBER ZONE

1. PARA-AUTOCHTHON	HARE BAY ALLOCHTHON					ST. ANTHONY SLICE				11. GREY ISLANDS	TIME SCALE		
	2. NORTHWEST ARM SLICE	3. MAIDEN PT SLICE	4. GRANDOISE SLICE	5. MILAN ARM SLICE	6. CAPE ONION SLICE	7. IRELAND POINT VOLCANICS	8. GOOSE COVE SCHIST	9. GREEN RIDGE AMPHIBOLITE	10. WHITE HILLS PERIDOTITE				
? D2:tight, upright, NE-SW folds with a.p.cleavage (dies out westwards).	? D2:close, NNE folds, steep SE dipping a.p.fracture-crenulation cleavage (dies out west).	?	? D2:steep NNE dip foliation				?	D4:open, NE-SW, upright folds.	D3:open, NE-SW, upright folds.	Crouse Harbour Fm. (Tournaisian plant) Post-D4 Bell Island Granite (K/Ar = 375±16Ma) D4:open-close, upright, N-S folds+ a.p. cren.cleavage.	TOURNAISIAN (E.CARBONIFEROUS)		352
					ALLEGHANIAN						LATE	DEVONIAN	360
											MIDDLE		374
?	?	?	?							?	EARLY		387
			St.Julien Island Formation (undated, ?Silurian)								SILURIAN		408
											ASHGILL		438
D1:thrusts.											CARADOC		448
	D1:<isoclinal, recumbent, variably trending, W vergent folds with a.p. slaty cleavage & thrusts									(No upper age constraint) D3:open-close folds + variably oriented chlorite a.p. crenulation cleavage. Interkinem. garnet. D2:≤isoclinal, W vergent folds of variable attitude + mica/chlorite/ actinolite foliation. Interkinem. garnet. D1:penetrative chlorite/muscovite foliation.	LLANDEILO		458
Goose Tickle Formation (contains Late Llanvirn graptolites)				Melange contains deformed ophiolite blocks.	Internally relatively undeformed Basal thrust	D1:horizontal, chlorite/muscovite foliation & E-W pillow lava long axes.	D3:mylonitic mica/ chlorite bands in shear zones. D2:≤isoclinal, E-W, recumbent folds + mica/chl.foliation D1:rare isoclinal folds + S1 mica.	TACONIAN ?	?		LLANVIRN	ORDOVICIAN	468
Table Head Group Disconformity											ARENIG		478
St. George Group								40Ar/39Ar age on hornblende=490±5Ma gives upper limit on D3. D3:mylonitic bands of mica, hbd, & plagioclase in discrete shear zones. D2:≤isoclinal, NW-SE recumbent folds + foliation of hornblende, pyroxene & plag. Interkinematic to syn-D2 garnet. D1:rare isoclinal folds + a.p. foliation of mica & amphibole, & metamorphic bands.						488
	Northwest Arm Formation (contains Tremadoc graptolites)				Cape Onion Formation (contains Tremadoc graptolites)				D2:≤isoclinal, NW-SE trending, recumbent, folds+NW-SE amphibole, lamellar enstatite, aggregate lineation & olivine [001] axes. D1:foliation parallel to compositional layering. White Hills peridotite (not dated).		TREMADOC		
		Maiden Pt. Group (age unknown, presumed Early Cambrian-Late Precambrian)	Grandoise Group (age unknown, presumed Cambrian)			Ireland Point Volcanics (age unknown)	Goose Cove Schist (age unknown)	Green Ridge Amphibolite (protolith age unknown)		Fleur de Lys Supergroup correlatives (age unknown, presumed Late Precambrian to Early Cambrian)	CAMBRIAN OR OLDER		505

WNW — W — NW

Figure 8. Correlation chart for structures in the Hare Bay transect, northernmost Newfoundland. References by column number: (1-6) Smyth, 1971; Williams, 1975; Stouge and Godfrey, 1982; Fahraeus, 1970; Stevens, 1970; Whittington and Kindle, 1963; Klappa et al., 1980; Erdtmann, 1971. (7-9) Smyth, 1971; Williams and Smyth, 1973; Girardeau, 1982; Craw, 1984; Jamieson, 1980; Dallmeyer, 1977. (10) Girardeau, 1982. (11) Kennedy et al., 1973.