

APPENDIX: STRATIGRAPHIC NAMES AND SOURCES

<u>Column 1</u>	<u>Column 2</u>	<u>Column 3</u>	<u>Column 4</u>
Eastern New York <u>Fisher, 1977</u>	Central Vermont <u>Doll, et al., 1961</u>	Western Taconic Allochthon <u>Rowley, et al., in prep.</u>	Quebec Shelf <u>Douglas, et al., 1970;</u> <u>St. Julien and Hubert, 1975;</u> <u>Belt, et al., 1979</u>
10-Heldeberg Group	15-Taconic Allochthon	9-Pawlet Fm.	13-Becancour Fm.
9-Taconic Allochthon	14-Forbes Hill Congl.	8-Mount Merino Fm.	12-Taconic Allochthons
8-Snake Hill-Schenectady Fms.	13-Hortonville-Ira Fms.	7-Indian River Slate	11-St. Irene and Lotbiniere Fms.
7-Utica shale	12-Whipple Marble	6-Poultney Fm.	10-Beaupre and St. Irene Fms.
6-Trenton and Black River Gps.	11A-Bascom/Beldens Fms.	5-Hatch Hill Fm.	9-Moulin River Fm.
5-Chazy Group	11B-Highgate Fm.	4-Middle Granville Fm.	8-Deschambault Fm.
4-Beekmantown Group	10A-Shelburne Fm.	3-Browns Pond Fm.	7-Cap L'Aigle Fm.
3-Keesville Mbr. Potsdam Fm.	10B-Highgate Fm.	2-Bull Fm. (including Bomoseen Mbr.)	6-Lowville Fm.
2-Ausable & Nicholville Mbrs. Potsdam Fm.	9A-Clarendon Springs Fm.	1-Rensselaer Grit (occurs in separate thrust slice)	5-Laval Fm.
1-Grenville basement	9B-Gorge Fm.		4-Beauharnois Fm.
	8A-Danby Fm.		3-March Fm.
	8B-Woods Corner Gp.		2-Potsdam Fm.
	7A-Winooski Dolomite		1-Grenville Basement
	7B-Rugg Brook Fm.		
	6A-Monkton Fm.		
	6B-Parker Slate		
	5-Dunham Dolomite		
	4-Cheshire Dolomite		
	3-Fairfield Pond Phyllite & White Brook Dolomite		
	2-Pinnacle and Tibbit Hill volcanics		
	1-Mount Holly Complex (Grenville basement)		

Column 5

Quebec Parautochthon

Vallieres, et al., 1978

2-Montagne de Saint
Anselme Fm.

1-St. Marguerite
Complex (Grenville
basement)

Column 6

Quebec Allochthons

St. Julien, 1979;
Riva, 1972, 1979

4A-Quebec City Group

3B-Levis Group

3C-Point de la Martinere
Fm.

2C-Trou St. Patrice Fm.

1C-Anse Maranda Fm.

- - - - -

A-Quebec City Nappe

B-Levis Nappe

C-Bachus Nappe

Column 7

Gaspe Autochthon(?) and
Anticosti Island

Douglas, et al., 1970;
Enos, 1969

9-Gun River Fm. and
others

8-Bescie Fm.

7-Ellis Bay Fm.

6A-Gaspe Allochthons

5-Vaureal and English
Head Fms.

4-Macasty Shale

3-Mingan Fm.

2-Romaine Group

1-Grenville basement

Column 8

Gaspe Allochthons

St. Julien and Hubert, 1975;
Hiscott, 1978

4-Siluro-Devonian cover

3-Tourelle Fm.

2-Cap de Rosieres Gp.

1-Shickshock Group

Column 9

Western Newfoundland
Shelf

Kindle and Whittington,
1957;
Bergstrom, et al., 1974
Stevens, 1970, 1976

11-Winterhouse Fm.
10-Lourdes Group
9A-Curling Group
9B-Woods Island slice
9C-Bay of Islands
Complex
9D-Crabb Brook Group
8-Mainland Fm.
7-Carabou Conglomer-
ate and Cape Cormo-
rant Conglomerate
6-Table Head Group
5-St. George Group
4-Petit Jardin Fm.
3-March Point Fm.
2-Kippens Fm.
1-Grenville basement
(Indian Head Complex
and Long Range
Complex)

Column 10

Hughes Lake Slice, Nfld.

Williams, et al., 1982

3-South Brook Fm.
2-North Pond Fm.
1-Hughes Lake Complex
(Grenville basement)

Column 11

White Bay, Newfoundland

Lock, 1972, 1973;
Williams, 1977;
Smyth and Schillereff,
1982

8-Sops Arm Group and
Gull Lake Intrusive
Complex
7-Allochthons
A-Taylor Pond Fm.
B-Murray Cove Schist
C-Coney Head Complex
6-'Limestone'
5-'Dolostone'
4-Hawke Bay equiva-
lents
3-Forteau Fm. equiva-
lents
2-Beaver Brook Fm.
1-Long Range Complex
(Grenville basement)

Column 12

Western Fleur de Lys
Supergp.

Dewit, 1972, 1974, 1980;
Kennedy, 1971
Williams, et al., 1977

4-Bichy Complex and
Advocate Complex
3-Bear Cove Group
2-Seal Cove Group
1-Grenville basement

Column 13

Cow Head Slice, Nfld.

Hubert, et al., 1977;
James, 1981;
Stevens, 1970, 1976

3-"Green Sandstone"

2-"Red Shale"

1-Cow Head Group

Column 14

Curling Group-Humber Arm
Allochthon

Stevens, 1970, 1976

6-Higher Slices

A-Woods Island Slice

B-Bay of Islands
Complex

C-Crabb Brook Group

5-Blow-Me-Down-Brook
Fm.

4-Middle Arm Point Fm.

3-Cooks Brook Fm.

2-Irishtown Fm.

1-Summerside Fm.

Column 15

Hare Bay-Belle Isle,
Nfld.

Stouge and Godfrey,
1982;
Knight, 1980;
Williams and Stevens,
1969

11-Allochthons

A-Hare Bay Alloch-
thon

B-Cape Onion Slice

C-St. Anthony Slice

10-Goose Tickle Fm.

9-Table Head Fm.

8-St. George Group

7-Port au Port Group

6-Hawkes Bay Fm.

5-Forteau Fm.

4-Bradore Fm.

3-Lighthouse Cove
Volcanics

2-Bateau Fm.

1-Long Range Complex
(Grenville basement)

Column 16

Hare Bay Allochthon, Nfld.

Stouge and Godfrey, 1982;
Williams and Smyth, 1975;
Williams, 1975

4-St. Julien Fm.

3-Higher allochthonous
slices

A-Cape Onion Slice

B-St. Anthony Slice

2-Grandois Slice (Irish Fm.)

1-March Point Fm.

Column 17

Woods Island Slice,
Nfld.

Kidd and Idleman, 1982;
Williams, 1975

3-Bay of Islands Complex

2-Blow-Me-Down-Brook Fm.
(equivalent)

1-Skinner Cove Complex

Column 18

Bay of Islands Complex,
Nfld.

Casey, et al., 1981;
Casey and Kidd, 1981
Karson and Dewey, 1978

3-Crabb Brook Group

2A-Coastal Complex

2B-Mt. Barren & Old Man
Cove Complexes (trans-
form fault assem-
blage)

2C-Bay of Islands
Ophiolite

1-Woods Island and
Humber Arm slices

Column 19

Cape Onion Slice, Hare
Bay, Nfld.

Williams, 1975;
Stouge and Godfrey, 1982

3-St. Anthony Slice

2-Cape Onion Slice

1-Hare Bay Allochthon

Column 20

St. Anthony Slice, Hare
Bay Nfld.

Williams, 1975;
Stouge and Godfrey, 1982

3-St. Julien Slice(?)

2-White Hills Peridotite
and Goose Cove Schist

1-Cape Onion and Hare
Bay Allochthon slices

Column 21

Coney Head Allochthon,
Nfld.

Smyth and Schillereff,
1982

3-Sops Arm Group

2-Coney Head Complex
and Murray Cove
Schist

1-Second Pond Melange

Column 22

Baie Verte Lineament (a)
and Mings Bight (b),
Nfld.

Kidd, 1974, 1977;
Kidd, et al., 1978;
Williams, et al., 1977;
Williams and St. Julien,
1978

4a and 4b-Mic Mac Group

3a-Baie Verte Group

3b-Barry Cunningham and
Big Head Fms.

2a-Advocate Complex

2b-Mings Bight Ophiolite

1a-Birchy Schist Com-
plex

1b-Unnamed greenschists
with altered serpen-
tinites

a-thrust over Western
Fleur de Lys

b-thrust over Mings
Bight Gp.

Column 23

Eastern Fleur de Lys
Supergp.

Dewey, et al., in press;
Church, 1969;
Kidd, 1977;
Hibbard, 1978;
De Grace, et al., 1976

7a-Cape St. John Group

7b-Mic Mac Group

6-Seal Island Bight
Syenite

5-Cape Brule Porphyry

4-Burlington Granodio-
rite

3-Grand Cove Group

2-Pacquet Harbour Group

1-Nippers Harbour Ophio-
lite ?

Column 24

Betts Cove Ophiolite,
Nfld.

Upadyhay, et al., 1971;
De Grace, et al., 1976;
Dewey and Bird, 1971

3-Cape St. John Group

2-Snooks Arm Group

1-Betts Cove Ophiolite

Column 25

Western Arm and Long
Island, Central
Newfoundland

Marten, 1971;
Strong and Kean, 1972;
Kean and Strong, 1975;
Dean and Strong, 1975;
Stukas and Reynolds, 1974;

5-Springdale Group

4-Western Arm Group;
Cutwell Group with
fossil-bearing lime-
stone & Parsons Point
Fm.

3-Brighton Gabbro

2-Lushs Bight Group

1-Lobster Cove Fault
(over Roberts Arm
Group)

Column 26

Roberts Arm, Nfld.

Bostock, 1978;
Bostock, et al., 1978;
Dean, 1977

6-Springdale Group

5-Sunday Cove Pluton

4-Roberts Arm Group

3-Halls Hill Complex

2-Sops Arm Fault (over
Exploits Group)

1-Mansfield Cove
Complex

Column 27

Badger Bay-Seal Bay,
Nfld.

Nelson, 1979, 1981;
Nelson and Casey, 1979;
Dean, 1977

4-Springdale Group

3-Boones Point Melange,
Goldson Fm.
Gull Island Greywackes

2-Dark Hole-Lawrence
Harbour Shales

1-Wild Bight Group

Column 28

Twillingate Island, Nfld.

Strong and Payne, 1973;
Williams and Payne, 1975;
Williams, et al., 1976

4a-Herring Neck Group

4b-Moretons Harbour Group

3-Twillingate 'Granite'
(trondjemite)

2-Sleepy Cove Group

1-Chanceport Fault-thrust
over Chanceport Group
and Cottrells Cove
Group

Column 29

Cottrells Cove and
Chanceport, Nfld.

Dean, 1977;
Horne and Helwig, 1969

2a-Cottrells Cove Group

2b-Chanceport Group

1-Lukes Arm Fault-over
Boones Point Melange
and Fortune Harbor
Sequence

Column 30

Fortune Harbour-New Bay,
Nfld.

Dean, 1977;
Horne and Helwig, 1969;
Horne, 1969, 1976;
Neuman, 1976

5-Cottrells Cove-Chance-
port Groups over Fortune
Harbour-New Bay se-
quence along Lukes
Arm Fault

4-Boones Point Melange
Goldson Fm.
Samson-Point Lemming-
ton Fms.

3-Lawrence Harbour Shale

2-Cobbs Arm Limestone

1-Summerford Group

Column 31

New World Island, Nfld.

Kay, 1976;
Hibbard and Williams,
1979;
Kay and Eldredge, 1968;
McKerrow and Cocks, 1979

8-Muddy Cove Group

7-Goldson Fm.

6-Samson Fm.

5-Dark Hole Shale

4-Chenneyville Conglo-
merate; Lawrence Head
Volcanics

3-Coaker Porphyry

2a-Dunnage Melange

2b-New Bay Group

1-Block in Dunnage
Melange

Column 32

Campbellton, Nfld.

Dean, 1977;
Kay, 1975

4-Riding Island Greywacke

3-Burnt Bay Shale

2-Luscombe Cherts

1-Loon Harbour Volcanics

Column 33

Northwest Glover Island,
Nfld.

Knapp, 1980

3-Glover Island Ophiolite
2-"Schist group"
1-Granitic gneiss
(Grenville basement)

Column 34

Southeast Glover Island,
Nfld.

Knapp, 1980

2-Glover Group
1-Glover Island Ophio-
lite

Column 35

Annieopsquotch Moun-
tains

Dunning and Herd, 1980,
1982

2-Victoria Lake Group
1-Annieopsquotch
Ophiolite

Column 36

King George IV Lake

Kean and Jayashinge, 1981

3-Rogerson Lake Conglomerate
2-Victoria Lake Group
1-Annieopsquotch Ophiolite

Column 37

Buchans, Central Nfld.

Thurlow, et al., 1975,
1982;
Strong, 1977

2-Buchans Group

1-Hungry Mountain Slice

Column 38

Exploits River

Williams, 1970

1-Victoria Lake Group

Column 39

Southern Long Range

Chorlton, 1980, 1982;
Brown, 1973, 1976;
Gillis, 1972

2-"Morg Keepings" meta-
sediments

1-"Morg Keepings" gneiss
(Grenville and Fleur
de Lys equivalents?)

Column 40

Southern Long Range,
Nfld.

Chorlton, 1980, 1982;
Brown, 1973, 1976;
Gillis, 1972

3-Cape Ray Fault

2-Southern Long Range
plutonic complex (Tona-
lites, Granodiorites,
and Quartz Monzonites)

1-Long Range Ophiolite
Complex

Column 41

LaPoile Bay Region,
S. Nfld.

Chorlton, 1979, 1980,
1982;
Chorlton and Dingwell,
1981

7-Bay d'Este Fault

6-Billiard Brook Fm. (Dev.)

5-Dolman Fm.

4-Piglet Rhyolite

3-Bagg Hill Granite

2-metapelites

1-ophiolite??

- - - - -

2-5 = Bay du Nord Group

Column 42

La Poile Bay Region,
S. Nfld.

Chorlton, 1970, 1980,
1982;
Chorlton and Dingwell,
1981

4-Georges Brook Fm.

3-Hawkes Bay Porphyry

2-Roti Granite

1-Ernie Pond "Gabbro"
(ophiolite)

Column 43

Carmanville, Nfld.

Kennedy and McGonigal,
1972;
Pajari, et al., 1978;
Pickerill, et al., 1980

5-Indian Island Group

4-Pillow volcanic sheet

3-Carmanville Melange

2-Davidsville Group

1-Gander River Ultra-
mafic Complex-Island
Pond Ophiolite

Column 44

Gander Lake region

Kennedy and McGonigal,
1972;
Kennedy, 1975, 1976;
Blackwood, 1980;
Dallmeyer, et al., 1982

6-Gander River Ultramafic
Belt ophiolites

5-Lockers Bay Granite

4-"Davidsville Group"

3-Gander Group

2a-Metamorphic front or
unconformity

2-Square Pond Gneiss

1a-"Migmatite front"

1-Hare Bay Gneiss

Column 45

Miguel Lake Area, Nfld.

Colman-Sadd and Russell,
1982

3-Unnamed post-Acadian
volcanics

2-unnamed sediments-
North Steady Pond
equivalents?

1-Pipestone Pond
Ophiolite

Column 46

Mount Cormack region,
Nfld.

Colman-Sadd and Russell,
1982;
Colman-Sadd, 1981

3-Pipestone Pond-Coy
Pond-Great Bend
Ophiolite sheet

2-unnamed metasediments

1-unnamed polydeformed
gneisses

Column 47

Coy Pond Region, Nfld.

Colman-Sadd and Russell,
1982

4-Wigwam Group

3-Davidsville-North
Steady Pond Fm.

2-unnamed sediments

1-Coy Pond Ophiolite

Column 48

Great Gull Lake Region,
Nfld.

Blackwood, 1981;
Blackwood and Green, 1982

4-Botwood Group

3-Davidsville Group

2-Unnamed sedimentary
sequence

1-Gander River Ultramafic
Complex-Carribou Lake
Ophiolite

<u>Column 49</u>	<u>Column 50</u>	<u>Column 51</u>	<u>Column 52</u>
Little Gander Lake-Newton Lake Area, Nfld.	Twillick Brook Area, Nfld.	Twillick Brook-St. Albans Area	St. Albans Area, Nfld.
<u>Blackwood and Green, 1982</u>	<u>Colman-Sadd, 1976, 1979, 1980</u>	<u>Colman-Sadd, 1976, 1979, 1980</u>	<u>Colman-Sadd, 1976, 1979, 1980</u> <u>TWO INTERPRETATIONS: ABOVE-</u> <u>Colman-Sadd, 1979, 1980</u>
2-Davidsville Group equivalents	2-North Steady Pond Fm.	4-Twillick Brook Mbr. of St. Josephs Cove Fm.	3-Isle Galet Fm.
1-Gander Group equivalents	1-Ophiolitic melange	3-St. Josephs Cove Fm.	2-Richs Island Fm.
		2-Salmon River Dam Fm.	1-Day Cove Thrust
		1-Big Rattling Brook thrust	<u>BELOW- (note stratigraphic ages as in above)</u> <u>Colman-Sadd, 1976</u>
		- - - - -	3-Isle Galet Fm.
		2-4 are Formations of the Bay d'Espoir Group	2-Richs Island Fm.
			1-Day Cove Thrust
			- - - - -
			2-3 are Formations within the Bay d'Espoir Group

Column 53

St. Albans Area, Nfld.

Colman-Sadd, 1976, 1979,
1980;
Kennedy, 1976;
Kennedy, et al., 1982

4-Ackley Granite

3-Hermitage Fault

2-Gaulitois Granite

1-Little Passage Gneiss

Column 54

Hare Bay, central Nfld.

Dewey, et al., in press
Dallmeyer, et al., 1982b

1-Love Cove Group

Column 55

Clareville Area

Dewey, et al., in press
Williams, 1967

4-Clareville Group

3-Bonnavista Group

2-Musgravetown Group

1-Connecting Point Group

Column 56

Belloram Area, S. Nfld.

Williams, 1970

4-Youngs Cove Fm.

3-Rencontre Fm.

2-Mooring Cove Fm. and
Andersons Cove Fm.

1-Belle Bay Fm.

Column 57

Quebec Ophiolites-Thetford
Mines

Laurent, 1977, 1980;
Laurent and Hubert, 1977;
St. Julien and Hubert,
1975

5-Coleraine-Burbank
Hill Breccia

4-Unnamed red chert,
agglomerate, and
siliceous tuff

3-adamelites, quartz
monzonites, and trond-
jhemites

2-'upper' pillow basalt
and andesite sequence

1-Thetford Ophiolite

Column 58

St. Victor Synclinorium
Quebec

St. Julien and Hubert,
1975;
Lamarche, 1972

4-Peasely Pond Quartzite
and Glen Arm Limestone

3-St. Victor Flysch

2-Beauceville Slate

1-St. Daniel Melange

- - - - -

2-3 = Magog Group

Column 59

Lake Etchemin, Quebec

Tolman, 1936

3-Famine Group (Devonian)

2-Beauceville Group

1-Ophiolite

Column 61

Mount Albert, Quebec

McGregor and Basu, 1981;
St. Julien and Hubert, 1975;
Beland, 1969

1-Mount Albert Serpentinite

Column 62

Matapedia Synclinorium,
Quebec

Skidmore, 1967;
McGerile, 1950

1-Matapedia Group

Column 63

Perce (3) and Macquereau,
Quebec

Skidmore, 1967;
McGerile, 1950;
Williams and St. Julien,
1982

5-Chaleur Bay Group

4-Mictaw Group and
ophiolites ?

3-Murphy Creek Fm.

2-Corner-of-the-Beach
Fm.

1-Unnamed immature
clastics and volcanics

Column 64

Elmtree Inlier, New
Brunswick

Rast and Stringer, 1-80;
Pajari, et al., 1977;
Ruittenberg, et al.,
1977

4-Chaleur Group

3-Point Verte Fm.

2-Melange Fm.

1-Fournier Complex

Column 65

Northern Tetagouche-
Miramichi Anticlinorium,
New Brunswick

Helmstaedt, 1970, 1973;
Skinner, 1974;
Ruittenberg, et al., 1977;
Rast and Stringer, 1980;
Pajari, et al., 1977;
Fyffe, et al., 1977, 1982

3-Chaleur Group

2-Upper Tatagouche Group

1-Lower Tetagouche Group

Column 66

Northern Tetagouche-
Miramichi Anticlinorium

Ruittenberg, and Ludman,
1981;
Ludman, 1981

3-Chaleur Group
2-Upper Tetagouche Group
1-Lower Tetagouche Group

Column 67

Matapedia Anticlinoria

St. Peter, 1977;
Pavlides, et al., 1964

1-Matapedia Group

Column 68

Aroostook-Matapedia Anti-
clinatorium, N. Maine

Pavlides, et al., 1964;
Roy and Mencher, 1976;
Roy, 1980

3-upper Carys Mills Fm.
2-lower Carys Mills Fm.
1-unknown basement

Column 69

Bridgewater Quadrangle,
Maine

Pavlides, 1965, 1966

4-Burnt Brook Fm.
3-Carys Mills Fm.
2-Chandler Ridge and
Nine Lake Fms.
1-Spruce Top Ophiolite

Column 70

Cupsuptic, Rangeley, and
Kennebago Lakes, Maine

Moench, 1969;
Boudette and Boone, 1970,
1976;
Harwood, 1973;
Green, 1964

5-Rangeley & Kearsarge
Fms.

4-Greenvale Cove Fm.

3-Quimby Fm.

2-Dixville Fm.

1-Albee Aziscohos Fms.

Column 71

Weeksboro-Lunksoos Lake
Anticlinorium, Maine

Neuman, 1967, 1970, 1972;
Rankin and Neuman, 1980

7-Unnamed lower Silurian

6-Unnamed Greenstone-
NW flank

5-Wassataquisick Chert

4-Unnamed Greenstone

3-Shin Brook Fm.

2-Rockabema Quartz Dio-
rite

1-Grand Pitch Fm.

Column 72

Pennington Anticlinorium

Roy and Mencher, 1976;
Roy, 1980

3-Frenchville Fm.

2-Pyle Mountain Fm.

1-Winterville Fm.

Column 73

Munsungun Anticlinorium,
Maine

Hall, 1969, 1970

7-East Branch Group

6-Blind Brook Fm.

5-Munsungun Fm.

4-Bluffer Pond Fm.

3-Chase Lake Fm.

2-Unnamed

1-Chase Brook Fm.

Column 74

Connecticut Lakes-
Parmanchee Area,
Maine

Boudette and Boone, 1970,
1976;
Harwood, 1973

3-Rangeley Fm.

2-Dixville Fm.

1-Dead River Fm.

Column 75

Connecticut Lakes-
Cupsuptic-Kennebago
Lakes Area, Maine

Green, 1964;
Boudette and Boone, 1970,
1976;
Boone, et al., 1980;
Moench, et al., 1980

7-Kearsarge Fm.

6-Rangeley Fm.

5-Greenvale Cove Fm.

4-Quimby Fm.

3-Dixville

2-Albee Fm.

1-Aziscohos Fm.

Column 76

Vermont-New Hampshire
border

Doll, et al., 1961;
Lyons, 1955

4-Clough Quartzite

3-Partridge Fm.

2-Ammonoosuc Fm.

1-Orfordville Fm.

Column 77

Stokes Mountain Anticlinorium
Quebec and N.
Vermont

Lamarche, 1972;
St. Julien and Hubert, 1975;
Robinson and Fyson, 1976;
Doolan, et al., 1982
(Vermont)

6-Glenarm Group (Includes
Peasely Pond Quartzite)

5-Mafic-Felsic Volcanics

4-Moulton Hill 'Granite'

3-Intermediate pluton

2-Unnamed diorite-trondjhe-
mite complex

1-Ascot Fm. and equivalents
in Vermont

Column 78

Northern Vermont

Doolan, et al., 1982

6-Northfield Slate

5-Shaw Mountain Conglo-
merate

4-Coburn Hill Volcanics

3-Cram Hill/Moretown
Fms.2-Umbrella Hill Conglo-
merate

1-"Eastern Stowe Fm."

Column 81Chain Lakes, Massif,
MaineBoudette and Boone, 1976;
Boudette, 1982

4-Hardwood Mountain Fm.

3-Boil Mountain Ophiolite
(allochthon)

2-Attean Quartz Monzonite

1-Chain Lakes Complex

Column 82SE Limb Boundary Moun-
tain AnticlinoriumBoudette and Boone, 1976;
Boudette, 1982;
Moench, et al., 1980;
Boone, et al., 19804-Dead River Fm. (alloch-
thon)3-Hurricane Mountain
Melange

2-Jimpond Fm.

1-Boil Mountain Complex
(ophiolite)Column 83Bronson Hill Anticlinorium-
Pelham Dome, Mass.Robinson and Hall, 1982;
Robinson, 1979

6-Clough Quartzite

5-Partridge Fm.

4-Ammonoosuc Fm. (felsic)

3-Ammonoosuc Fm. (mafic)

2-Pauchaug Granite

1-Dry Hill, Four Mile, Monson?
Mount Mineral Gneisses

Locations of stratigraphic columns are shown on Plate 9.1.

LEGEND

	CARBONATES (LIMESTONES AND DOLOSTONES)		MAFIC VOLCANICS (Stippling = volcaniclastics and tuffs)
	CARBONATE CONGLOMERATE AND BRECCIA (Matrix, dashes= argillite, stipples= arenite)		INTERMEDIATE VOLCANICS (Stippling = volcaniclastics and tuffs)
	ARGILLITE (vertical ticks= micrites)		FELSIC VOLCANICS (Stippling= volcaniclastics and tuffs)
	ARGILLITES WITH INTERBEDDED ARENITES (FLYSCH WHERE SOLID LINES)		OPHIOLITES (Variably dismembered)
	ARENITES (predominantly mature)		PILLOW LAVAS, MAFIC AND INTERMEDIATE (Vertical lines= sheeted dikes)
	CONGLOMERATE AND BRECCIA		INTRUSIVES (Predominantly Intermediate and Felsic)
	IMMATURE ARENITES, CONGLOMERATES, AND WACKES (Rift Facies Clastics)		SERPENTINITES
	HIGH GRADE METASEDIMENTARY ROCKS		MELANGE
	BASEMENT (Grenville, Gander?, Mount Cormack, Chain Lakes, Bronson Hill. Vertical lines= mafic dikes)		THRUST FAULTS
	MAFIC DIKES AND SILLS		TUFFS
			DIRECTION OF SEDIMENT TRANSPORT
			UNCONFORMITY

ABBREVIATIONS: T-Taconic Orogeny; NS-Normal Faulting and Rapid Subsidence of Shelf; PD-Penobscot Disturbance; X-Fossil Control (not always shown); S or D-Age of Post-Ordovician Cover. Numbers and Sources-See Appendix