

**Minerals and Energy Branch  
Open File Report ME 2000-3**

**Limestones and Dolomites of Nova Scotia  
Part 3  
Colchester and Halifax Counties**

D. A. Murray  
(with summary of General Geology by R. C. Boehner)



**Minerals and Energy Branch**

Halifax, Nova Scotia  
2000

**Minerals and Energy Branch  
Open File Report ME 2000-3**

**Limestones and Dolomites of Nova Scotia  
Part 3  
Colchester and Halifax Counties**

D. A. Murray  
(with summary of General Geology by R. C. Boehner)



**Minerals and Energy Branch**

Halifax, Nova Scotia  
2000

For Part 1 (Cape Breton Island), see Bulletin ME 2, Part 1.

For Part 2 (Antigonish, Guysborough, Pictou and Cumberland Counties), see Bulletin ME 2, Part 2.

### **Disclaimer**

The field work, drilling and analyses for this report were carried out in the late 1960s. Users are cautioned that conditions and landownership reflect those at the time of original fieldwork. A minimal amount of information has been added from work carried out for Canada Cement Lafarge Limited in the 1980s and staff geologists. British units have been converted to metric units.

The Nova Scotia Department of Natural Resources does not assume any liability for errors that may occur or changes in the status of any of the properties. Users should verify critical information.

**TABLE OF CONTENTS**

Page

**CHAPTER 1. INTRODUCTION**

INTRODUCTORY STATEMENT .....	1
PURPOSE OF SURVEY .....	1
SAMPLING PROCEDURE .....	1
SCOPE OF INVESTIGATION .....	3
GENERAL GEOLOGY .....	3
GENERAL WINDSOR GROUP STRATIGRAPHY .....	7
ACKNOWLEDGMENTS .....	9

**CHAPTER 2. COLCHESTER COUNTY**

GENERAL GEOLOGY .....	11
ALTON AREA .....	12
ALTON (At-1-1) .....	12
BEAVER BROOK AREA .....	15
BEAVER BROOK (BB-1-1) (BB-2-1) (DRILLING) .....	15
BEAVER BROOK (BB-3-1) .....	17
BLACK ROCK AREA .....	17
BLACK ROCK (BR-1-1) (DRILLING) .....	17
BROOKFIELD AREA .....	20
BROOKFIELD (Br-1-1) .....	20
BROOKFIELD (Br-1-2) .....	21
BROOKFIELD (Br-2-1) .....	22
BROOKFIELD (Br-3-1) .....	22
BROOKFIELD (Br-4-1) .....	23
BROOKFIELD (Br-5-1) .....	24
BROOKFIELD (Br-6-1) .....	25
BROOKFIELD (Br-7-1) (Br-7-2) (Br-7-3) .....	25
BROOKFIELD (Br-8-1) .....	26
BROOKFIELD (Br-9-1) .....	27
BROOKFIELD (Br-10-1) .....	27
BROOKFIELD (Br-11-1) .....	28
BROOKFIELD (Br-12-1) .....	29
BROOKFIELD (Br-13-1) .....	30
BROOKFIELD (Br-14-1) .....	30
BROOKFIELD (Br-15-1) .....	31
BROOKFIELD (Br-16-1) (Br-16-2) .....	31
BROOKFIELD (Br-17-1) .....	32
BROOKFIELD (Br-18-1) .....	33
BROOKFIELD (Br-19-1) .....	33

BROOKFIELD (Br-20-1) .....	34
BROOKFIELD (Br-21-1) .....	35
EASTVILLE AREA .....	35
EASTVILLE (Ea-1-1) .....	35
EASTVILLE (Ea-2-1) .....	37
GREEN CREEK AREA .....	38
GREEN CREEK (GC-1-1) .....	38
GREEN CREEK (GC-2-1) .....	41
GREEN CREEK (GC-3-1) .....	42
HILDEN AREA .....	42
HILDEN (Hi-1-1) (Hi-1-2) (DIAMOND DRILLING) .....	42
LONDONDERRY AREA .....	44
LONDONDERRY (Ld-1-1) .....	44
LOWER FIVE ISLANDS AREA .....	47
LOWER FIVE ISLANDS (LFI-1-1) .....	47
MANGANESE MINES AREA .....	48
MANGANESE MINES (MM-1-1) .....	48
MANGANESE MINES (MM-2-1) .....	50
MANGANESE MINES (MM-3-1) .....	51
MANGANESE MINES (MM-4-1) .....	51
MANGANESE MINES (MM-5-1) .....	52
MANGANESE MINES (MM-6-1) .....	55
PEMBROKE RIVER AREA .....	55
PEMBROKE RIVER (Pb-1-1) .....	55
PEMBROKE RIVER (Pb-2-1) .....	56
PEMBROKE RIVER (Pb-3-1) .....	57
PEMBROKE RIVER (Pb-4-1) .....	58
PEMBROKE RIVER (Pb-5-1) .....	58
PEMBROKE RIVER (Pb-6-1) (DIAMOND DRILLING) .....	59
PENNY MOUNTAIN AREA .....	61
PENNY MOUNTAIN (PM-1-1) .....	61
PENNY MOUNTAIN (PM-2-1) (DIAMOND DRILLING) .....	63
PRINCEPORT AREA .....	64
PRINCEPORT (Pt-1-1) .....	64
SMITHFIELD AREA .....	65
SMITHFIELD (Sf-1-1) .....	65
STEWIACKE AREA .....	68
STEWIACKE (Sw-1-1) .....	68
STEWIACKE (Sw-2-1) .....	68
STEWIACKE (Sw-3-1) .....	70
UPPER ECONOMY AREA .....	72
UPPER ECONOMY (Ec-1-1) .....	72
WITTENBURG AREA .....	72
WITTENBURG (Wg-1-1) .....	72

### CHAPTER 3. HALIFAX COUNTY

GENERAL GEOLOGY .....	75
DOLLAR LAKE AREA .....	76
DOLLAR LAKE (DL-1-1) (DIAMOND DRILLING) .....	76
ELDERBANK AREA .....	77
ELDERBANK (Eb-1-1) .....	77
ELDERBANK (Eb-2-1) .....	80
ELDERBANK (Eb-3-1) .....	80
ELDERBANK (Eb-4) (FLOAT) .....	81
ELDERBANK (Eb-5-1) .....	81
ELDERBANK (Eb-6-1) .....	83
ELDERBANK (Eb-7-1) .....	84
ELDERBANK (Eb-8-1) .....	84
ELDERBANK (Eb-9-1) .....	85
GAYS RIVER AREA .....	86
GAYS RIVER (GR-1-1) .....	86
GAYS RIVER (GR-2-1) .....	86
GAYS RIVER (GR-2-2) .....	88
GAYS RIVER (GR-3-1) .....	89
GAYS RIVER (GR-3-2) (GR-3-3) (DIAMOND DRILLING) .....	89
GAYS RIVER (GR-4-1) .....	90
GAYS RIVER (GR-5) (FLOAT) .....	91
GAYS RIVER (GR-6-1) .....	92
GAYS RIVER (GR-7-1) (GR-7-2) .....	92
LANTZ AREA .....	93
LANTZ (Lz-1-1) .....	93
MEAGHERS GRANT AREA .....	94
MEAGHERS GRANT (MG-1-1) .....	94
MEAGHERS GRANT (MG-1-2) .....	96
MEAGHERS GRANT (MG-2-1) .....	97
MEAGHERS GRANT (MG-2-2) .....	97
MEAGHERS GRANT (MG-2-3) .....	98
MEAGHERS GRANT (MG-3-1) .....	98
MEAGHERS GRANT (MG-4-1) .....	99
MEAGHERS GRANT (MG-5-1) (DIAMOND DRILLING) .....	100
MEAGHERS GRANT (MG-6-1) .....	100
MEAGHERS GRANT (MG-7-1) .....	101
MEAGHERS GRANT (MG-8-1) .....	102
MIDDLE MUSQUODOBOIT AREA .....	102
MIDDLE MUSQUODOBOIT (Mo-1-1) .....	102
MIDDLE MUSQUODOBOIT (Mo-2-1) (DIAMOND DRILLING) .....	103
MIDDLE MUSQUODOBOIT (Mo-3) (FLOAT) .....	103
MIDDLE MUSQUODOBOIT (Mo-4-1) .....	104
MIDDLE MUSQUODOBOIT (Mo-5-1) .....	106
MIDDLE MUSQUODOBOIT (Mo-6-1) .....	106
MIDDLE MUSQUODOBOIT (Mo-7-1) (Mo-7-2) .....	107

MIDDLE MUSQUODOBOIT (Mo-8-1) .....	107
MIDDLE MUSQUODOBOIT (Mo-9-1) .....	108
MIDDLE MUSQUODOBOIT (Mo-9-2) .....	109
MIDDLE MUSQUODOBOIT (Mo-10-1) (DIAMOND DRILLING) .....	110
MIDDLE MUSQUODOBOIT (Mo-11-1) (Mo-21-1) (DIAMOND DRILLING) .....	110
MIDDLE MUSQUODOBOIT (Mo-12-1) (DIAMOND DRILLING) .....	112
MIDDLE MUSQUODOBOIT (Mo-13) (FLOAT) .....	113
MIDDLE MUSQUODOBOIT (Mo-14-1) .....	114
MIDDLE MUSQUODOBOIT (Mo-15-1) .....	114
MIDDLE MUSQUODOBOIT (Mo-16-1) .....	115
MIDDLE MUSQUODOBOIT (Mo-17-1) .....	115
MIDDLE MUSQUODOBOIT (Mo-18-1) .....	116
MIDDLE MUSQUODOBOIT (Mo-19-1) .....	117
MIDDLE MUSQUODOBOIT (Mo-20-1) .....	117
UPPER MUSQUODOBOIT AREA .....	118
UPPER MUSQUODOBOIT (UM-1-1) .....	118
UPPER MUSQUODOBOIT (UM-2) (FLOAT) .....	121
UPPER MUSQUODOBOIT (UM-3-1) .....	122
UPPER MUSQUODOBOIT (UM-4-1) (UM-4-2) .....	122
UPPER MUSQUODOBOIT (UM-5-1) .....	123
UPPER MUSQUODOBOIT (UM-6-1) (UM-6-2) .....	124

#### CHAPTER 4. DIAMOND DRILLING

COLCHESTER COUNTY .....	127
BEAVER BROOK AREA (BB-1-1, BB-2-1) .....	127
BLACK ROCK AREA (BR-1-1) .....	127
HILDEN AREA (Hi-1-1) (Hi-1-2) .....	127
PEMBROKE RIVER AREA (Pb-6-1) .....	129
PENNY MOUNTAIN AREA (PM-2-1) .....	129
HALIFAX COUNTY .....	129
DOLLAR LAKE AREA (DL-1-1) .....	129
GAYS RIVER AREA (COOKS BROOK) (GR-3-2)(GR-3-3) .....	129
MEAGHERS GRANT AREA (MG-5-1) .....	129
MIDDLE MUSQUODOBOIT AREA (Mo-2-1) .....	133
MIDDLE MUSQUODOBOIT AREA (MURCHYVILLE) (Mo-10-1) .....	133
MIDDLE MUSQUODOBOIT AREA (BROOKVALE) (Mo-11-1) (Mo-21-1) (Mo-12-1) .....	137

#### SELECTED REFERENCES

SELECTED REFERENCES .....	139
---------------------------	-----

## APPENDIX 1. DIAMOND-DRILL LOGS AND ANALYSES

COLCHESTER COUNTY .....	147
BEAVER BROOK AREA (BB-1-1, BB-2-1) .....	147
BLACK ROCK AREA (BR-1-1) .....	147
HILDEN AREA (IRWINS LAKE) (Hi-1-1) (Hi-1-2) .....	148
PEMBROKE RIVER AREA (Pb-6-1) .....	149
PENNY MOUNTAIN AREA (PM-2-1) .....	151
HALIFAX COUNTY .....	151
DOLLAR LAKE AREA (DL-1-1) .....	151
GAYS RIVER AREA (GR-3-2, GR-3-3) (COOKS BROOK) .....	154
MEAGHERS GRANT AREA (MG-5-1) .....	164
MIDDLE MUSQUODOBOIT AREA (Mo-2-1) .....	165
MIDDLE MUSQUODOBOIT AREA (MURCHYVILLE) (Mo-10-1) .....	166
MIDDLE MUSQUODOBOIT AREA (BROOKVALE) (Mo-11-1) (Mo-21-1) (Mo-12-1) .....	170

## APPENDIX 2. SAMPLING CODE AND LOCATION OF SURFACE SAMPLES

COLCHESTER COUNTY .....	177
HALIFAX COUNTY .....	179

## LIST OF FIGURES

<b>Figure 1-1.</b> Locations and numbers of figures for limestone and dolomite occurrences in Colchester and Halifax Counties .....	2
<b>Figure 1-2.</b> Regional location of the study area on a general geology map. ....	4
<b>Figure 1-3.</b> Highly simplified diagrammatic representation of the geological map units of the Fundy, Kennetcook, Shubenacadie and Musquodoboit Basins. ....	5
<b>Figure 2.</b> Location map of limestone and dolomite occurrences sampled in the Alton and Brookfield areas, Colchester County (11E/03). ....	13
<b>Figure 3.</b> <i>Didoceras avonensis</i> found at the Alton limestone quarry, Colchester County (At-1-1). The fossils are very abundant and very well preserved here. ....	14
<b>Figure 4.</b> Quarry of B <sub>1</sub> limestone found at Alton, Colchester County (At-1-1). Quarry has been filled with water. ....	14
<b>Figure 5.</b> Location map of limestone and dolomite occurrences sampled in the Beaver Brook, Black Rock, Hilden and Princeport areas, Colchester County (11E/06). ....	16
<b>Figure 6.</b> Interpretive cross-section of Black Rock, Colchester County from Levaque <i>et al.</i> , 1988. ....	18
<b>Figure 7.</b> Laminated basal Windsor limestone found near the mouth of the Shubenacadie River at Black Rock, Colchester County (BR-1-1). ....	19

<b>Figure 8.</b> Contorted beds of basal Windsor limestone, Black Rock, Colchester County (BR-1-1). . . . .	19
<b>Figure 9.</b> Location map of limestone and dolomite occurrences sampled in the Brookfield area, Colchester County (11E/06). . . . .	20
<b>Figure 10.</b> Outcrop of limestone located on Fields Brook, southeast of Brookfield, Colchester County (Br-5-1). . . . .	24
<b>Figure 11.</b> Location map of limestone and dolomite occurrences sampled in the Eastville and Pembroke River areas, Colchester County (11E/02 and 11E/07). . . . .	36
<b>Figure 12.</b> Location map of limestone and dolomite occurrences sampled in the Green Creek area, Colchester County (11E/03). . . . .	39
<b>Figure 13.</b> Vertical dipping beds of Upper Windsor limestone showing a nodular, bedding surface. This outcrop is at Anthonys Nose, Colchester County (GC-1-1). . . . .	40
<b>Figure 14.</b> Closeup of limestone in Figure 13 showing nodular nature, Anthonys Nose, Colchester County (GC-1-1). . . . .	40
<b>Figure 15.</b> Thin bed of folded Upper Windsor limestone found along the shore of the Shubenacadie River, just east of Anthonys Nose, Colchester County (GC-1-1). . . . .	41
<b>Figure 16.</b> Flat lying Windsor limestone found along Greens Creek, Colchester County (GC-3-1). . . . .	43
<b>Figure 17.</b> Closeup of Figure 16 showing the nearly flat lying limestone along Greens Creek, Colchester County (GC-3-1). . . . .	43
<b>Figure 18.</b> Location map of limestone occurrence sampled in the Londonderry area, Colchester County (11E/05). . . . .	45
<b>Figure 19.</b> Quarry of metamorphosed limestone found in the Cobequid Mountains, 5 km west of the Village of Londonderry, Colchester County (Ld-1-1). . . . .	46
<b>Figure 20.</b> Closeup of white marble found in the quarry shown in Figure 19, west of Londonderry, Colchester County (Ld-1-1). . . . .	46
<b>Figure 21.</b> Location map of limestone occurrence sampled in the Lower Five Islands area, Colchester County (21H/08). . . . .	47
<b>Figure 22.</b> Location map of limestone and dolomite occurrences sampled in the Manganese Mines and Penny Mountain areas, Colchester County (11E/06). . . . .	49
<b>Figure 23.</b> Outcrop of Pembroke Formation limestone found outcropping on Clifford Brook at Manganese Mines, Colchester County, 11 km east of Truro (MM-2-1). . . . .	50
<b>Figure 24.</b> Small quarry of massive, B Subzone, Windsor Group limestone located northwest of Manganese Mines, Colchester County (MM-4-1). . . . .	53
<b>Figure 25.</b> Closeup of Figure 24 showing the massive nature of the limestone northwest of Manganese Mines, Colchester County (MM-4-1). . . . .	53
<b>Figure 26.</b> Laminated, basal Windsor Group limestone found near Manganese Mines, Colchester County (MM-5-1). . . . .	54
<b>Figure 27.</b> Closeup of laminated, basal Windsor Group limestone shown in Figure 26, near Manganese Mines, Colchester County (MM-5-1). . . . .	54
<b>Figure 28.</b> Outcrop of siliceous, dolomitic Windsor Group limestone found along the Pembroke River, near Upper Stewiacke, Colchester County (Pb-2-1). . . . .	57

<b>Figure 29.</b> Siliceous limestone found west of Glenbervie, Colchester County (Pb-5-1). . . . .	60
<b>Figure 30.</b> Highly fractured, fossiliferous limestone found north of Glenbervie, Colchester County (Pb-6-1). . . . .	60
<b>Figure 31.</b> Limestone can be seen outcropping at the base of an old foundation at Penny Mountain, Colchester County (PM-1-1). . . . .	62
<b>Figure 32.</b> Rubbly nature of the limestone shown in Figure 31, Penny Mountain, Colchester County (PM-1-1). . . . .	62
<b>Figure 33.</b> Lower Windsor Group limestone found at Penny Mountain, Colchester County (PM-2-1). . . . .	64
<b>Figure 34.</b> Limestone outcropping below high tide level on the Shubenacadie River near Princeport, Colchester County (Pt-1-1). . . . .	65
<b>Figure 35.</b> Location map of limestone occurrence sampled in the Smithfield area, Colchester County (11E/06). . . . .	66
<b>Figure 36.</b> Small quarry of basal Windsor limestone located at Smithfield, Colchester County (Sf-1-1). . . . .	67
<b>Figure 37.</b> Closeup of the limestone at Smithfield, Colchester County, showing the laminated nature of the basal limestone (Sf-1-1). . . . .	67
<b>Figure 38.</b> Location map of limestone and dolomite occurrences sampled in the Stewiacke and Wittenburg areas, Colchester County (11E/03). . . . .	69
<b>Figure 39.</b> Thickly bedded dolomite found on the St. Andrews River, east of Stewiacke, Colchester County (Sw-1-1). . . . .	70
<b>Figure 40.</b> Location map of limestone occurrence sampled in the Stewiacke area, Colchester County (11E/03). . . . .	71
<b>Figure 41.</b> Location map of limestone occurrence sampled in the Upper Economy area, Colchester County (11E/05). . . . .	73
<b>Figure 42.</b> Small quarry of limestone found on the western side of the Pleasant Hills-Upper Economy road, Colchester County (Ec-1-1). . . . .	74
<b>Figure 43.</b> Brachiopods found in the limestone shown in Figure 42, north of Upper Economy, Colchester County (Ec-1-1). . . . .	74
<b>Figure 44.</b> Location map of dolomite occurrences sampled in the Dollar Lake and Meaghers Grant areas, Halifax County (11D/14). . . . .	77
<b>Figure 45.</b> Location map of limestone and dolomite occurrences sampled in the Elderbank and Middle Musquodoboit areas, Halifax County (11E/03; 11D/14). . . . .	78
<b>Figure 46.</b> Location map of limestone and dolomite occurrences sampled in the Elderbank and Meaghers Grant areas, Halifax County (11D/14). . . . .	79
<b>Figure 47.</b> Nodular limestone outcropping along the Musquodoboit River, 610 m northwest of Elderbank, Halifax County (Eb-3-1). . . . .	82
<b>Figure 48.</b> Stromatolitic, dolomitic limestone found in the outcrop shown in Figure 47, Elderbank, Halifax County (Eb-3-1). . . . .	82
<b>Figure 49.</b> Outcrop of dolomite found along the Musquodoboit River, Elderbank, Halifax County (Eb-6-1). . . . .	84
<b>Figure 50.</b> Location map of limestone and dolomite occurrences sampled in the Gays River area, Halifax County (11E/03). . . . .	87
<b>Figure 51.</b> Massive, porous Windsor Group limestone found in an outcrop on Gays River, Halifax County (GR-4-1). . . . .	91

<b>Figure 52.</b> Contact zone between the overlying Windsor Group dolomite and the underlying quartzite of the Meguma Group, found near Gays River, Halifax County (GR-6-1) .....	93
<b>Figure 53.</b> Location map of limestone occurrence sampled in the Lantz area, Halifax County (11E/03) .....	94
<b>Figure 54.</b> Limestone outcropping along the Shubenacadie River, southeast of Lantz, Halifax County (Lz-1-1) .....	95
<b>Figure 55.</b> Limestone found in the outcrop in Figure 54, Shubenacadie River, Halifax County (Lz-1-1) .....	95
<b>Figure 56.</b> Location map of limestone and dolomite occurrences sampled in the Middle Musquodoboit area, Halifax County (11E/03) .....	105
<b>Figure 57.</b> Outcrop of massive, fossiliferous Windsor Group dolomite found on Little River near Murchyville, Middle Musquodoboit area, Halifax County (Mo-9-1) .....	109
<b>Figure 58.</b> Stromatolitic limestone (Meaghers Grant Formation Windsor Group) found along the Little River near Murchyville, Middle Musquodoboit area, Halifax County (Mo-10-1) .....	111
<b>Figure 59.</b> Massive, fossiliferous dolomite found south of Brookvale, Middle Musquodoboit area, Halifax County (Mo-12-1) .....	113
<b>Figure 60.</b> Location map of limestone and dolomite occurrences sampled in the Upper Musquodoboit area, Halifax County (11E/02) .....	119
<b>Figure 61.</b> Dolomite can be seen overlapping quartzite in the Upper Musquodoboit dolomite quarry, Halifax County. For location see Figure 60 .....	120
<b>Figure 62.</b> Closeup of Goldenville-Windsor contact in quarry shown in Figure 61, Upper Musquodoboit, Halifax County .....	120
<b>Figure 63.</b> Massive dolomite found in the quarry at Upper Musquodoboit, Halifax County. For location see Figure 60 .....	121
<b>Figure 64.</b> Dolomite outcropping on top of a micaceous siltstone found along Fraser Brook, southwest of Upper Musquodoboit, Halifax County (UM-6-1) .....	125
<b>Figure 65.</b> Location map for diamond-drill hole number 1, Hilden area, Colchester County (Fig. 5; Hi-1-1, Hi-1-2) .....	128
<b>Figure 66.</b> Profile of diamond-drill hole number 1, Hilden area, Colchester County, November 1968 .....	128
<b>Figure 67.</b> Location map for diamond-drill holes numbers 1 and 2, Pembroke River area, Colchester County, 1968 (Fig. 11; Pb-6-1). .....	130
<b>Figure 68.</b> Profiles of diamond-drill holes numbers 1 and 2, Pembroke River area, Colchester County, November 1968 .....	130
<b>Figure 69.</b> Location map for diamond-drill holes numbers 1-4, Dollar Lake area, Halifax County (Fig. 44; DL-1-1) .....	131
<b>Figure 70.</b> Profile of diamond-drill holes numbers 1-4, Dollar Lake area, Halifax County, 1968 .....	131
<b>Figure 71.</b> Location map for diamond-drill holes numbers 1-7, Gays River area, Cooks Brook, Halifax County, December 1969 (Fig. 50; GR-3-2, GR-3-3) .....	132
<b>Figure 72.</b> Profile of diamond-drill holes numbers 1-7, Gays River area, Cooks Brook, Halifax County, December 1969 .....	132

<b>Figure 73.</b> Section A-B, through drillholes 5 and 6, Gays River area, Cooks Brook, Halifax County .....	133
<b>Figure 74.</b> Location map for diamond-drill hole number 1, Meaghers Grant area, Halifax County, October 1969 (Fig. 46; MG-5-1) .....	134
<b>Figure 75.</b> Profile of diamond-drill hole number 1, Meaghers Grant area, Halifax County, October 1969 .....	134
<b>Figure 76.</b> Location map for diamond-drill hole number 1, Middle Musquodoboit area, Halifax County, November 1968 (Fig. 45; Mo-2-1) .....	135
<b>Figure 77.</b> Profile of diamond-drill hole number 1, Middle Musquodoboit area, Halifax County, November 1968 .....	135
<b>Figure 78.</b> Location map for diamond-drill holes numbers 1-3, Middle Musquodoboit area, Murchyville, Halifax County, October 1969 (Fig. 45; Mo-10-1) .....	136
<b>Figure 79.</b> Profiles of diamond-drill holes numbers 1-3, Middle Musquodoboit area, Murchyville, Halifax County, October 1969 .....	136
<b>Figure 80.</b> Location map for diamond-drill holes numbers 1-7, Brookvale, Middle Musquodoboit area, Halifax County, October 1969 (Fig. 56; Mo-11-1, Mo-21-1, Mo-12-1) .....	138
<b>Figure 81.</b> Profiles of diamond-drill holes numbers 1-7, Brookvale, Middle Musquodoboit area, Halifax County, October 1969 .....	138