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# INVENTORY OF PEAT RESOURCES

KOOCHICHING COUNTY, MINNESOTA

APPENDIX E  
SITE DESCRIPTIONS

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# **INVENTORY OF PEAT RESOURCES KOOCHICHING COUNTY, MINNESOTA**

## **APPENDIX E SITE DESCRIPTIONS**

**MINNESOTA DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF MINERALS**

### **PEAT INVENTORY PROJECT**

**Funding Provided By  
U.S. Department of Energy,  
Grant No. DE-FG01-79ET14692**

**Hibbing, Minnesota  
1980**

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# **INVENTORY OF PEAT RESOURCES KOOCHICHING COUNTY, MINNESOTA**

## **APPENDIX E SITE DESCRIPTIONS**

**This appendix contains supplementary data on the peat resources of Koochiching County, Minnesota. Included are site locations; peat profile descriptions, including underlying soil texture; vegetation descriptions; microrelief; and depth to water table.**

**Location:** 800 feet S and 2280 feet E of the NW corner of Sec. 27, T.63N., R.22W. (NW1/4 of SE1/4 of NE1/4 of NW1/4, Sec. 27, T.63N., R.22W.)

**Vegetation:** Black spruce crown cover of about 90 percent; sparse understory consists of some Labrador tea, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry and snowberry.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-168
Clay	168+

**Location:** 825 feet N and 1500 feet E of the SW corner of Sec. 35, T.63N., R.22W. (Gov. Lot 2, Sec. 35, T.63N., R.22W.)

**Vegetation:** Black spruce crown cover of about 65 percent; sparse understory consists of some willow, Labrador tea, sedges, and grasses; ground cover consists mostly of feather mosses with some Sphagnum mosses.

**Microrelief:** 25 cm.

**Depth To Water Table:** 7 cm.

**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-122
Fibric	122-229
Sapric	229-518
Silty	518+
clay	
loam	

**Location:** 2000 feet S and 200 feet E of the NW corner of Sec. 27, T.64N., R.22W. (Gov. Lot 5, Sec. 27, T.64N., R.22W.)

**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; understory consists of Labrador tea with some leatherleaf, sedges, and grasses; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 25 cm.

**Depth To Water Table:** 15 cm.

**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-213
Sapric	213-305
Sandy	305+
loam	

**Location:** 1900 feet S and 950 feet E of the NW corner of Sec. 15, T.66N., R.22W. (SW1/4 of NE1/4 of SW1/4 of NW1/4, Sec. 15, T.66N., R.22W.)

**Vegetation:** Black spruce crown cover of about 95 percent with scattered paper birch and aspen; lush understory consists mostly of speckled alder with Labrador tea, leatherleaf, bog rosemary, grasses, and some willow; ground cover consists of Sphagnum mosses with some feather mosses.

**Microrelief:** 40 cm.

**Depth To Water Table:** Not visible.

**Described By:** R. Graber and D. Haverkost on November 28, 1979.

Layer	Depth (cm)
Hemic	0-366
Sapric	366-442
Silty	442+
clay	

**Location:** 450 feet S and 980 feet W of the NE corner of Sec. 18, T.66N., R.22W. (SE1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 18, T.66N., R.22W.)

**Vegetation:** Scattered paper birch and black spruce; understory consists of Labrador tea; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** Not recorded.

**Described By:** D. Mellem and P. Guertin on November 28, 1979.

Layer	Depth (cm)
Hemic	0-213
Sandy	213+
clay	

**Location:** 460 feet N and 180 feet E of the SW corner of Sec. 4, T.67N., R.22W. (NW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 4, T.67N., R.22W.)

**Vegetation:** Scattered paper birch and ash; lush understory consists mostly of grasses with some sedges and bog birch.

**Microrelief:** 25 cm.

**Depth To Water Table:** At surface.

**Described By:** H. Mooers and D. Haverkost on May 19, 1980.

Layer	Depth (cm)
Hemic	0-274
Silty	274+
clay	
loam	

**Location:** 440 feet N and 2525 feet E of the SW corner of Sec. 4, T.67N., R.22W. (NE1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 4, T.67N., R.22W.)

**Vegetation:** Scattered black spruce; understory consists of Labrador tea with some bog birch, willow, grasses, raspberry, and fern; ground cover consists of Sphagnum mosses with some other mosses.

**Microrelief:** 35 cm.

**Depth To Water Table:** At surface.

**Described By:** H. Mooers and D. Haverkost on May 19, 1980.

Layer	Depth (cm)
Hemic	0-411
Sapric	411-427
Silt	427+
loam	

**Location:** 1180 feet N and 500 feet W of the SE corner of Sec. 5, T.67N., R.22W. (NW1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 5, T.67N., R.22W.)

**Vegetation:** Scattered black spruce and northern white cedar; understory consists of sedges with some grasses; ground cover consists mostly of mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** 10 cm.

**Described By:** H. Mooers and D. Haverkost on May 19, 1980.

Layer	Depth (cm)
Hemic	0-244
Sapric	244-305
Limnic	305-335
Loamy	335+
sand	

**Location:** 1000 feet N and 200 feet W of the SE corner of Sec. 5, T.67N., R.22W. (SE1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 5, T.67N., R.22W.)

**Vegetation:** Scattered black spruce, northern white cedar, and paper birch; lush understory consists of grasses and bog birch with some sedges.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** H. Mooers and D. Haverkost on May 19, 1980.

Layer	Depth (cm)
Hemic	0-213
Sapric	213-244
Very	244+
fine	
loamy	
sand	



**Location:** 410 feet S and 1150 feet W of the NE corner of Sec. 9, T.67N., R.22W. (SW1/4 of NW1/4 of NE1/4 of NE1/4, Sec. 9, T.67N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 65 percent with scattered tamarack and aspen; sparse understory consists of some grasses; ground cover consists of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on May 14, 1980.

Layer	Depth (cm)
Hemic	0-305
Clay	305+
loam	

**Location:** 325 feet S and 1600 feet W of the NE corner of Sec. 9, T.67N., R.22W. (SE1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 9, T.67N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered tamarack; understory consists of Labrador tea, grasses, and willow; ground cover consists mostly of Sphagnum mosses with some cranberry, snowberry, and other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on May 14, 1980.

Layer	Depth (cm)
Hemic	0-457
Silty	457+
clay	
loam	

**Location:** 320 feet S and 2110 feet W of the NE corner of Sec. 9, T.67N., R.22W. (NE1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 9, T.67N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered ash and tamarack; sparse understory consists of some Labrador tea, leatherleaf, and grasses; ground cover consists of Sphagnum and other mosses with some cranberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on May 15, 1980.

Layer	Depth (cm)
Hemic	0-427
Silty	427+
clay	
loam	

**Location:** 310 feet S and 2610 feet W of the NE corner of Sec. 9, T.67N., R.22W. (NW1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 9, T.67N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered ash and tamarack; understory consists of Labrador tea with some grasses and leatherleaf; ground cover consists mostly of mosses with some Sphagnum mosses and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on May 15, 1980.

Layer	Depth (cm)
Hemic	0-396
Silt	396+
loam	

**Location:** 350 feet S and 2050 feet E of the NW corner of Sec. 9, T.67N., R.22W. (SW1/4 of NE1/4 of NE1/4 of NW1/4, Sec. 9, T.67N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with an ash crown cover of about 35 percent with scattered tamarack; ground cover consists mostly of mosses with some Sphagnum mosses.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on May 15, 1980.

Layer	Depth (cm)
Hemic	0-517
Silt	517+
loam	

**Location:** 375 feet S and 1640 feet E of the NW corner of Sec. 9, T.67N., R.22W. (NE1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 9, T.67N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 65 percent with scattered northern white cedar and paper birch; understory consists of Labrador tea and bog birch with some cotton grass; ground cover consists of Sphagnum and other mosses with some snowberry and cranberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** 4 cm.  
**Described By:** H. Mooers and D. Haverkost on May 15, 1980.

Layer	Depth (cm)
Hemic	0-315
Silt	315+

**Location:** 480 feet S and 1080 feet E of the NW corner of Sec. 9, T.67N., R.22W. (SE1/4 of NE1/4 of NW1/4 of NW1/4, Sec. 9, T.67N., R.22W.)  
**Vegetation:** Scattered black spruce, aspen, tamarack, and paper birch; understory consists of alder with some grasses and bog birch; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on May 15, 1980.

Layer	Depth (cm)
Hemic	0-183
Silty	183+
clay	
loam	

**Location:** 100 feet S and 100 feet E of the NW corner of Sec. 9, T.67N., R.22W. (NW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 9, T.67N., R.22W.)  
**Vegetation:** Consists mostly of sedges and grasses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on May 19, 1980.

Layer	Depth (cm)
Hemic	0-122
Limnic	122-335
Silt	335+
loam	

**Location:** 500 feet S and 150 feet E of the NW corner of Sec. 9, T.67N., R.22W. (SW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 9, T.67N., R.22W.)  
**Vegetation:** Consists mostly of grasses.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** 45 cm.  
**Described By:** H. Mooers and D. Haverkost on May 15, 1980.

Layer	Depth (cm)
Hemic	0-61
Silty	61+
clay	
loam	

**Location:** 500 feet S and 400 feet E of the NW corner of Sec. 9, T.67N., R.22W. (SE1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 9, T.67N., R.22W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of grasses and bog birch.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on May 15, 1980.

Layer	Depth (cm)
Muck	0-183
Silty clay	183+

**Location:** 1780 feet S and 2340 feet E of the NW corner of Sec. 9, T.67N., R.22W. (SE1/4 of NE1/4 of SE1/4 of NW1/4, Sec. 9, T.67N., R.22W.)  
**Vegetation:** Black spruce and tamarack crown cover of about 80 percent; lush understory consists of speckled alder, paper birch, willow, aspen, black ash, Labrador tea, grasses, and sedges; ground cover consists of feather mosses with some Sphagnum mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and R. Graber on November 28, 1979.

Layer	Depth (cm)
Hemic	0-229
Sapric	229-259
Silty clay	259+

**Location:** 1250 feet N and 650 feet W of the SE corner of Sec. 11, T.67N., R.22W. (SW1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 11, T.67N., R.22W.)  
**Vegetation:** Scattered paper birch; understory consists of some speckled alder and dogwood.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and D. Haverkost on May 14, 1980.

Layer	Depth (cm)
Muck	0 - 15+

**Location:** 1150 feet S and 1880 feet W of the NE corner of Sec. 5, T.68N., R.22W. (SW1/4 of NE1/4 of SW1/4 of NE1/4, Sec. 5, T.68N., R.22W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of leatherleaf, swamp laurel, sedges, cotton grass, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-427
Sapric	427-457
Clay	457+

**Location:** 2200 feet N and 1250 feet W of the SE corner of Sec. 7, T.68N., R.22W. (SW1/4 of NW1/4 of NE1/4 of SE1/4, Sec. 7, T.68N., R.22W.)  
**Vegetation:** Scattered black spruce and aspen; lush understory consists mostly of Labrador tea with some willow, leatherleaf, grasses, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Hemic	0-46
Silty clay	46+

**Location:** 1780 feet N and 90 feet E of the SW corner of Sec. 11, T.68N., R.22W. (NW1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 11, T.68N., R.22W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of leatherleaf and grasses with some swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-427
Sapric	427-457+
Bottom unknown	

**Location:** 2420 feet N and 15 feet E of the SW corner of Sec. 4, T.69N., R.22W. (NW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 4, T.69N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; sparse understory consists of some Labrador tea, swamp laurel, bog rosemary, and grasses; ground cover consists mostly of Sphagnum mosses with some snowberry and pitcher plant.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and B. Sether on March 20, 1980.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-213
Fibric	213-244
Hemic	244-305
Fibric	305-335
Hemic	335-487
Silt loam	487+

**Location:** 1930 feet N and 1760 feet E of the SW corner of Sec. 5, T.69N., R.22W. (NE1/4 of SW1/4 of NE1/4 of SW1/4, Sec. 5, T.69N., R.22W.)  
**Vegetation:** Tamarack crown cover of about 90 percent with scattered black spruce; understory consists of bog rosemary, grasses, speckled alder, Labrador tea, and leatherleaf; ground cover consists of Sphagnum mosses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Hemic	0-548+
Bottom unknown	

**Location:** 200 feet S and 1240 feet W of the NE corner of Sec. 7, T.69N., R.22W. (NE1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 7, T.69N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 30 percent with scattered black ash and tamarack; understory consists of Labrador tea and grasses with some speckled alder, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Fibric	0-183
Hemic	183-442+
Bottom unknown	

**Location:** 20 feet S and 2350 feet W of the NE corner of Sec. 7, T.69N., R.22W. (NW1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 7, T.69N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; sparse understory consists of some leatherleaf, swamp laurel, grasses, and speckled alder; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** H. Mooers, B. Sether, and S. Nelson on March 20, 1980.

Layer	Depth (cm)
Hemic	0-244
Fibric	244-274
Hemic	274-304
Fibric	304-396
Hemic	396-487
Silty clay	487+

**Location:** 1140 feet S and 750 feet E of the NW corner of Sec. 9, T.69N., R.22W. (SW1/4 of SE1/4 of NW1/4 of NW1/4, Sec. 9, T.69N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 95 percent with scattered tamarack; understory consists of grasses and some leatherleaf, swamp laurel, and bog rosemary; ground cover consists of Sphagnum mosses with some snowberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-548+
Bottom unknown	

**Location:** 2550 feet W and 20 feet S of the NE corner of Sec. 10, T.69N., R.22W. (NW1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 10, T.69N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered tamarack and northern white cedar; sparse understory consists of some willow, speckled alder, Labrador tea, leatherleaf, bog rosemary, and sedges; ground cover consists of some Sphagnum and feather mosses, snowberry, and cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** H. Mooers, B. Sether, J. Dahl, and D. Haverkost on March 14, 1980.

Layer	Depth (cm)
Fibric	0-183
Hemic	183-366
Fine sand	366+

**Location:** 20 feet S and 2600 feet E of the NW corner of Sec. 8, T.69N., R.22W. (NE1/4 of NE1/4 of NE1/4 of NW1/4, Sec. 8, T.69N., R.22W.)  
**Vegetation:** Scattered tamarack and black spruce; sparse understory consists of some bog rosemary, leatherleaf, speckled alder, sedges, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Sether and J. Dahl on March 14, 1980.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-213
Fibric	213-274
Hemic	274-517
Loamy sand with pebbles	517+

**Location:** 2350 feet S and 20 feet E of the NW corner of Sec. 9, T.69N., R.22W. (SW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 9, T.69N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; sparse understory consists of some leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses with some snowberry and pitcher plant.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers, B. Sether, S. Nelson, and D. Haverkost on March 17, 1980.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-335
Fibric	335-396
Hemic	396-457
Fibric	457-487
Hemic	487-669
Fibric	669-700
Sapric	700-775
Silty clay	775+

**Location:** 330 feet S and 2300 feet E of the NW corner of Sec. 17, T.69N., R.22W. (SW1/4 of NE1/4 of NE1/4 of NW1/4, Sec. 17, T.69N., R.22W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of Labrador tea, leatherleaf, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses with some snowberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-548+
Bottom unknown	

**Location:** 20 feet S and 2350 feet W of the NE corner of Sec. 9, T.69N., R.22W. (NW1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 9, T.69N., R.22W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some speckled alder, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses with some snowberry.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** H. Mooers and D. Haverkost on March 14, 1980.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-487
Sapric	487-608
Silty clay	608+

**Location:** 1050 feet N and 20 feet E of the SW corner of Sec. 9, T.69N., R.22W. (NW1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 9, T.69N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; understory consists of Labrador tea with some grasses, leatherleaf, bog rosemary, and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** L. Severson, B. Sether, and S. Nelson on April 2, 1980.

Layer	Depth (cm)
Hemic	0-122
Fibric	122-213
Hemic	213-427
Fibric	427-457
Hemic	457-487
Fibric	487-517
Hemic	517-700
Silty clay loam	700+

**Location:** 1250 feet S and 2300 feet W of the NE corner of Sec. 19, T.70N., R.22W. (SW1/4 of SW1/4 of NW1/4 of NE1/4, Sec. 19, T.70N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 75 percent; understory consists of Labrador tea and leatherleaf with some swamp laurel and grasses; ground cover consists mostly of Sphagnum mosses with some snowberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-183
Clay	183+

**Location:** 750 feet N and 560 feet E of the SW corner of Sec. 20, T.70N., R.22W. (SE1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 20, T.70N., R.22W.)  
**Vegetation:** Scattered black spruce and paper birch; understory consists of speckled alder, willow, Labrador tea, grasses, and cattails; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 46 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Hemic	0-30
Clay	30+

**Location:** 1700 feet S and 640 feet E of the NW corner of Sec. 33, T.70N., R.22W. (SE1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 33, T.70N., R.22W.)  
**Vegetation:** Scattered black spruce; understory consists of leatherleaf and grasses with some swamp laurel and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 22 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Fibric	0-183
Hemic	183-427
Sandy clay	427+

**Location:** 2350 feet S and 1625 feet W of the NE corner of Sec. 17, T.63N., R.23W. (SW1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 17, T.63N., R.23W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered tamarack; sparse understory consists of some Labrador tea; ground cover consists mostly of Sphagnum mosses with some club mosses, cranberry, and blueberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Not Visible.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-213
Sapric	213-274
Hemic	274-518
Silty clay loam	518+

**Location:** 1480 feet S and 1850 feet E of the NW corner of Sec. 32, T.70N., R.22W. (NE1/4 of NW1/4 of SE1/4 of NW1/4, Sec. 32, T.70N., R.22W.)  
**Vegetation:** Black spruce crown cover of about 90 percent with scattered tamarack; understory consists of leatherleaf, Labrador tea, bog rosemary, and grasses; ground cover consists of Sphagnum mosses with some feather mosses and snowberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Fibric	0-183
Hemic	183-457
Sapric	457-518
Sandy clay	518+

**Location:** 1900 feet N and 180 feet W of the SE corner of Sec. 4, T.63N., R.23W. (SE1/4 of NE1/4 of NE1/4 of SE1/4, Sec. 4, T.63N., R.23W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered northern white cedar, paper birch, and aspen; sparse understory consists of some Labrador tea, sedges, and grasses; ground cover consists of Sphagnum mosses with some other mosses, cranberry, snowberry, and bunchberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-122
Sand	122+

**Location:** 1070 feet S and 550 feet W of the NE corner of Sec. 18, T.63N., R.23W. (SW1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 18, T.63N., R.23W.)  
**Vegetation:** Cut over area; consists mostly of grasses with some willow.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on May 20, 1980.

Layer	Depth (cm)
Hemic	0-183
Clay loam	183+

**Location:** 2500 feet N and 20 feet W of the SE corner of Sec. 32, T.70N., R.22W. (NE1/4 of NE1/4 of NE1/4 of SE1/4, Sec. 32, T.70N., R.22W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some leatherleaf, swamp laurel, bog rosemary, and grasses; ground cover consists mostly of Sphagnum mosses with some snowberry.  
**Microrelief:** 7 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** H. Mooers, B. Sether, and S. Nelson on March 20, 1980.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-152
Fibric	152-183
Hemic	183-213
Fibric	213-244
Hemic	244-274
Fibric	274-335
Hemic	335-578
Clay	578+

**Location:** 350 feet N and 1080 feet W of the SE corner of Sec. 14, T.63N., R.23W. (NW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 14, T.63N., R.23W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; sparse understory consists of some Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-183
Silty clay	183+

**Location:** 1180 feet S and 2400 feet W of the NE corner of Sec. 21, T.63N., R.23W. (SW1/4 of SW1/4 of NW1/4 of NE1/4, Sec. 21, T.63N., R.23W.)  
**Vegetation:** Northern white cedar crown cover of about 35 percent with scattered paper birch, ash, and balsam fir; lush understory consists mostly of grasses with some bog birch, willow, alder, sedges, reeds, and cattails.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on May 20, 1980.

Layer	Depth (cm)
Hemic	0- 90
Sapric	90-165
Sandy loam	165+

**Location:** 1920 feet N and 1460 feet W of the SE corner of Sec. 29, T.64N., R.23W. (NE1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 29, T.64N., R.23W.)  
**Vegetation:** Scattered black spruce, tamarack, paper birch, and balsam; lush understory consists mostly of alder with some sedges, grasses, Labrador tea, and dogwood; ground cover consists of some Sphagnum mosses, other mosses, cranberry, and snowberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-396
Sand	396+

**Location:** 1000 feet S and 2240 feet W of the NE corner of Sec. 34, T.63N., R.23W. (SE1/4 of SW1/4 of NW1/4 of NE1/4, Sec. 34, T.63N., R.23W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered balsam, northern white cedar, paper birch, and aspen; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and D. Haverkost on May 20, 1980.

Layer	Depth (cm)
Muck	0-12
Loam	12+

**Location:** 1450 feet S and 1180 feet E of the NW corner of Sec. 34, T.64N., R.23W. (NE1/4 of NE1/4 of SW1/4 of NW1/4, Sec. 34, T.64N., R.23W.)  
**Vegetation:** Black spruce crown cover of about 90 percent with scattered tamarack; sparse understory consists of Labrador tea with some alder; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Silty clay	0+

**Location:** 750 feet N and 1190 feet W of the SE corner of Sec. 20, T.66N., R.23W. (SW 1/4 of NW1/4 of SE1/4 of SE1/4, Sec. 20, T.66N., R.23W.)  
**Vegetation:** Northern white cedar crown cover of about 70 percent with scattered paper birch and black spruce; understory consists of Labrador tea with some speckled alder and grasses; ground cover consists of feather mosses.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Near surface.  
**Described By:** R. Graber and D. Haverkost on November 28, 1979.

Layer	Depth (cm)
Hemic	0-335
Limnic	335-366
Medium sand	366+

**Location:** 775 feet S and 2050 feet W of the NE corner of Sec. 25, T.66N., R.23W. (Gov Lot 2, Sec. 25, T.66N., R.23W.)  
**Vegetation:** Black spruce crown cover of about 95 percent with scattered tamarack, paper birch, and aspen; understory consists of Labrador tea, leatherleaf, and some cotton grass; ground cover consists of Sphagnum mosses with some snowberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not Visible.  
**Described By:** R. Graber and D. Haverkost on November 28, 1979.

Layer	Depth (cm)
Hemic	0-91
Clay loam	91+

**Location:** 280 feet N and 2100 feet W of the SE corner of Sec. 28, T.67N., R.23W. (SE1/4 of SW1/4 of NE1/4 of SE1/4, Sec. 28, T.67N., R.23W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; understory consists of Labrador tea; ground cover consists of Sphagnum mosses, feather mosses, and cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 28, 1979.

Layer	Depth (cm)
Hemic	0-122
Limnic	122-152
Silty clay loam	152+

**Location:** 2150 feet S and 180 feet E of the NW corner of Sec. 19, T.69N., R.23W. (Gov. Lot 2, Sec. 19, T.69N., R.23W.)  
**Vegetation:** Black spruce crown cover of about 95 percent with scattered tamarack; lush understory consists of leatherleaf, Labrador tea, swamp laurel, bog rosemary, cotton grass and some grasses; ground cover consists of Sphagnum mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Near surface.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Hemic	0-427
Clay	427+

**Location:** 740 feet S and 50 feet W of the NE corner of Sec. 28, T.69N., R.23W. (NE1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 28, T.69N., R.23W.)  
**Vegetation:** Black spruce crown cover of about 95 percent with scattered tamarack; lush understory consists mostly of leatherleaf with swamp laurel, grasses, and some bog rosemary and cotton grass; ground cover consists of Sphagnum mosses.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Near surface.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Hemic	0-548+
Bottom unknown	

**Location:** 580 feet S and 1800 feet E of the NW corner of Sec. 29, T.69N., R.23W. (SE1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 29, T.69N., R.23W.)  
**Vegetation:** Black spruce and tamarack crown cover of about 85 percent; lush understory consists of leatherleaf, grasses, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-366
Clay	366+

**Location:** 1140 Feet S and 490 feet W of the NE corner of Sec. 3, T.70N., R.23W. (Gov. Lot 1, Sec. 3, T.70N., R.23W.)  
**Vegetation:** Scattered black ash, black spruce, and balsam fir; sparse understory consists of willow, forbs, and grasses; ground cover consists of some cranberry.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and R. Graber on November 27, 1979.

Layer	Depth (cm)
Hemic	0-15
Silty clay	15+

**Location:** 490 feet N and 2500 feet E of the SW corner of Sec. 10, T.70N., R.23W. (NE1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 10, T.70N., R.23W.)  
**Vegetation:** Scattered tamarack and black spruce; lush understory consists mostly of grasses with leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-259
Clay	259+

**Location:** 690 feet N and 2210 feet E of the SW corner of Sec. 15, T.70N., R.23W. (SW1/4 of NE1/4 of SE1/4 of SW1/4, Sec. 15, T.70N., R.23W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists mostly of grasses with some leatherleaf, swamp laurel, bog rosemary, and fern; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not Visible.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Fibric	0-107
Sandy clay with pebbles	107+

**Location:** 950 feet S and 2450 feet E of the NW corner of Sec. 5, T.70N., R.23W. (Gov. Lot 3, Sec. 5, T.70N., R.23W.)  
**Vegetation:** Northern white cedar crown cover of about 75 percent with scattered tamarack, paper birch, and aspen; lush understory consists of bog birch, sedges, grasses, and some speckled alder, willow, leatherleaf, and cattails; ground cover consists of Sphagnum mosses with some other mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Hemic	0-366
Sapric	366-442
Clay	442+

**Location:** 1020 feet N and 640 feet W of the SE corner of Sec. 14, T.70N., R.23W. (NW1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 14, T.70N., R.23W.)  
**Vegetation:** Black spruce crown cover of about 30 percent; sparse understory consists of leatherleaf, Labrador tea, swamp laurel, bog rosemary, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 46 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-274
Clay	274+

**Location:** 1790 feet N and 140 feet E of the SW corner of Sec. 20, T.70N., R.23W. (NW1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 20, T.70N., R.23W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of leatherleaf, Labrador tea, bog rosemary and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Fibric	0-305
Hemic	305-442+
Bottom unknown	

**Location:** 1600 feet N and 2450 feet W of the SE corner of Sec. 9, T.70N., R.23W. (SW1/4 of SW1/4 of NW1/4 of SE1/4, Sec. 9, T.70N., R.23W.)  
**Vegetation:** Scattered black spruce, poplar, and tamarack; sparse understory consists of some leatherleaf, swamp laurel, bog rosemary, sedges, and grasses; ground cover consists mostly of Sphagnum mosses with some cranberry, snowberry, false Solomon's seal, and pitcher plant.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not Visible.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Fibric	0-320
Hemic	320-350
Sapric	350-366
Sandy clay	366+

**Location:** 450 feet S and 150 feet W of the NE corner of Sec. 15, T.70N., R.23W. (SE1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 15, T.70N., R.23W.)  
**Vegetation:** Scattered poplar, black spruce, and tamarack; sparse understory consists of some sedges, leatherleaf, swamp laurel, and bog rosemary; ground cover consists of Sphagnum mosses, feather mosses, and cranberry.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Hemic	0-290
Clay loam	290+

**Location:** 1340 feet S and 170 feet W of the NE corner of Sec. 21, T.70N., R.23W. (NE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 21, T.70N., R.23W.)  
**Vegetation:** Black spruce crown cover of about 45 percent; understory consists of Labrador tea, leatherleaf, grasses, and some swamp laurel and bog rosemary; ground cover consists of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-335
Clay	335+

**Location:** 360 feet N and 1840 feet W of the SE corner of Sec. 22, T.70N., R.23W. (NW1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 22, T.70N., R.23W.)  
**Vegetation:** Scattered black spruce, tamarack, and poplar; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, bog rosemary, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Hemic	0-183
Sapric	183-213
Clay	213+

**Location:** 1840 feet N and 1315 feet W of the SE corner of Sec. 25, T.70N., R.23W. (Gov. Lot 3, Sec. 25, T.70N., R.23W.)  
**Vegetation:** Black spruce crown cover of about 90 percent with scattered tamarack; understory consists of Labrador tea and leatherleaf with some swamp laurel and grasses; ground cover consists of Sphagnum mosses with some feather mosses and snowberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Hemic	0-183
Sampler	183+
would not penetrate	

**Location:** 150 feet S and 480 feet W of the NE corner of Sec. 29, T.70N., R.23W. (NW1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 29, T.70N., R.23W.)  
**Vegetation:** Scattered black spruce, poplar, and tamarack; understory consists of grasses with some speckled alder and fern; ground cover consists of Sphagnum mosses with some other mosses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Hemic	0-411
Clay	411+

**Location:** 2420 feet N and 400 feet E of the SW corner of Sec. 33, T.70N., R.23W. (NE1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 33, T.70N., R.23W.)  
**Vegetation:** Scattered black spruce and aspen; understory consists of speckled alder, bog birch, willow, Labrador tea, leatherleaf, and some grasses; ground cover consists of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and R. Graber on November 27, 1979.

Layer	Depth (cm)
Hemic	0-244
Clay	244+

**Location:** 790 feet S and 1780 feet W of the NE corner of Sec. 13, T.63N., R.24W. (NW1/4 of SE1/4 of NW1/4 of NE1/4, Sec. 13, T.63N., R.24W.)  
**Vegetation:** Scattered black spruce, northern white cedar, and paper birch; sparse understory consists of some Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and D. Haverkost on May 20, 1980.

Layer	Depth (cm)
Hemic	0-335
Loam	335+

**Location:** 600 feet S and 1380 feet W of the NE corner of Sec. 14, T.63N., R.24W. (SE1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 14, T.63N., R.24W.)  
**Vegetation:** Northern white cedar crown cover of about 35 percent with scattered ash; lush understory consists mostly of grasses with some bog birch, cow slips, and sedges; ground cover consists of some Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on May 20, 1980.

Layer	Depth (cm)
Hemic	0-213
Loam	213+

**Location:** 1715 feet N and 1740 feet W of the SE corner of Sec. 26, T.63N., R.24W. (NW1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 26, T.63N., R.24W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some leatherleaf, swamp laurel, bog rosemary, sedges, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-479+
Bottom unknown	

**Location:** 1050 feet S and 950 feet W of the NE corner of Sec. 27, T.63N., R.24W. (SW1/4 of SW1/4 of NE1/4 of NE1/4, Sec. 27, T.63N., R.24W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some leatherleaf, swamp laurel, bog rosemary, sedges, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** 8 cm.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-609+
Bottom unknown	

**Location:** 350 feet N and 2400 feet E of the SW corner of Sec. 28, T.63N., R.24W. (NE1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 28, T.63N., R.24W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some leatherleaf, swamp laurel, bog rosemary, sedges, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-213
Sapric	213-244
Clay	244+

**Location:** 240 feet N and 1825 feet E of the SW corner of Sec. 31, T.65N., R.24W. (SE1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 31, T.65N., R.24W.)  
**Vegetation:** Scattered tamarack and black spruce; sparse understory consists of some leatherleaf, swamp laurel, and bog rosemary; ground cover consists of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Near surface.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-427+
Bottom	
unknown	

**Location:** 1480 feet S and 150 feet E of the NW corner of Sec. 5, T.66N., R.24W. (NW1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 5, T.66N., R.24W.)  
**Vegetation:** Scattered black spruce and poplar; sparse understory consists of some Labrador tea and leatherleaf; ground cover consists mostly of Sphagnum mosses with some snowberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 28, 1979.

Layer	Depth (cm)
Hemic	0-229
Sapric	229-244
Fine	244+
sand	

**Location:** 1000 feet S and 1050 feet W of the NE corner of Sec. 16, T.66N., R.24W. (SW1/4 of SW1/4 of NE1/4 of NE1/4, Sec. 16, T.66N., R.24W.)  
**Vegetation:** Scattered black spruce and paper birch; sparse understory consists of some Labrador tea and leatherleaf; ground cover consists mostly of Sphagnum mosses with some other mosses and snowberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 28, 1979.

Layer	Depth (cm)
Hemic	0-76
Medium	76+
sand	

**Location:** 1675 feet N and 1800 feet W of the SE corner of Sec. 31, T.65N., R.24W. (NW1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 31, T.65N., R.24W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some grasses, leatherleaf, swamp laurel, bog rosemary, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-366
Medium	366+
to	
coarse	
sand	

**Location:** 1475 feet S and 560 feet W of the NE corner of Sec. 11, T.66N., R.24W. (NW1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 11, T.66N., R.24W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of Labrador tea and leatherleaf, with some swamp laurel and grasses; ground cover consists mostly of Sphagnum mosses and some cranberry.  
**Microrelief:** 22 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and R. Graber on November 28, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-183
Silt	183+
loam	

**Location:** 50 feet S and 2025 feet W of the NE corner of Sec. 20, T.66N., R.24W. (NE1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 20, T.66N., R.24W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of Labrador tea, leatherleaf, and swamp laurel; ground cover consists mostly of mosses with some Sphagnum mosses and snowberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 28, 1979.

Layer	Depth (cm)
Hemic	0-91
Fine	91+
sand	

**Location:** 1550 feet S and 75 feet W of the NE corner of Sec. 3, T.66N., R.24W. (NE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 3, T.66N., R.24W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, and grasses; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and P. Guertin on November 28, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-305
Sandy	305+
clay	
loam	

**Location:** 175 feet N and 2500 feet W of the SE corner of Sec. 13, T.66N., R.24W. (SW1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 13, T.66N., R.24W.)  
**Vegetation:** Black spruce crown cover of about 95 percent; sparse understory consists of some Labrador tea and leatherleaf; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and P. Guertin on November 28, 1979.

Layer	Depth (cm)
Hemic	0-152
Loam	152+

**Location:** 2425 feet S and 2040 feet W of the NE corner of Sec. 28, T.66N., R.24W. (SE1/4 of SW1/4 of SW1/4 of NE1/4, Sec. 28, T.66N., R.24W.)  
**Vegetation:** Scattered black spruce, tamarack, and paper birch; sparse understory consists of bog birch, Labrador tea, leatherleaf, and grasses; ground cover consists of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** 122 cm.  
**Described By:** D. Mellem and P. Guertin on November 28, 1979.

Layer	Depth (cm)
Hemic	0-107
Limnic	107-152
Gravel	152+
and	
sand	



**Location:** 125 feet S and 1800 feet W of the NW corner of Sec. 12, T.67N., R.24W. (NE1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 12, T.67N., R.24W.)  
**Vegetation:** Scattered black spruce; understory consists of Labrador tea, leatherleaf, bog rosemary, swamp laurel, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 152 cm.  
**Described By:** D. Mellem and P. Guertin on November 28, 1979.

Layer	Depth (cm)
Hemic	0-427
Limnic	427-518
Silty clay loam	518+

**Location:** 1450 feet N and 75 feet W of the SE corner of Sec. 19, T.67N., R.24W. (SE1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 19, T.67N., R.24W.)  
**Vegetation:** Black spruce crown cover of about 40 percent, understory consists of Labrador tea with some leatherleaf; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 22 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and P. Guertin on November 28, 1979.

Layer	Depth (cm)
Hemic	0-183
Silt and sand	183+

**Location:** 845 feet N and 170 feet W of the SE corner of Sec. 4, T.68N., R.24W. (SE1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 4, T.68N., R.24W.)  
**Vegetation:** Black spruce crown cover of about 80 percent; lush understory consists mostly of Labrador tea with some leatherleaf; ground cover consists mostly of Sphagnum mosses with some feather mosses, lingen berry, cranberry, and snowberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** 20 cm.  
**Described By:** R. Graber and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-305
Sapric	305-335
Hemic	335-427
Clay	427+

**Location:** 1750 feet N and 2350 feet E of the SW corner of Sec. 6, T.68N., R.24W. (NE1/4 of SE1/4 of NE1/4 of SW1/4, Sec. 6, T.68N., R.24W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses with cranberry and some other mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Hemic	0-183
Silty clay with pebbles	183+

**Location:** 2125 feet S and 1185 feet W of the NE corner of Sec. 35, T.68N., R.24W. (NW1/4 of SW1/4 of SE1/4 of NE1/4, Sec. 35, T.68N., R.24W.)  
**Vegetation:** Black spruce crown cover of about 90 percent with scattered tamarack; lush understory consists mostly of leatherleaf with some Labrador tea and bog rosemary; ground cover consists of some Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 28, 1979.

Layer	Depth (cm)
Hemic	0-274
Sapric	274-290
Sandy clay	290+

**Location:** 1125 feet S and 150 feet E of the NW corner of Sec. 8, T.69N., R.24W. (SW1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 8, T.69N., R.24W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges with some Labrador tea, leatherleaf, bog rosemary, swamp laurel, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Sapric	0-138
Hemic	138-457
Sapric	457-518
Clay	518+

**Location:** 800 feet N and 1750 feet E of the SW corner of Sec. 12, T.69N., R.24W. (SE1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 12, T.69N., R.24W.)  
**Vegetation:** Scattered black spruce; understory consists of Labrador tea, leatherleaf, swamp laurel, bog rosemary, and some grasses; ground cover consists of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Hemic	0-259
Silty clay	259+

**Location:** 210 feet N and 950 feet E of the SW corner of Sec. 13, T.69N., R.24W. (SW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 13, T.69N., R.24W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of leatherleaf, swamp laurel, and bog rosemary; ground cover consists of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** D. Mellem and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-183
Sandy clay	183+

**Location:** 195 feet N and 260 feet E of the SW corner of Sec. 14, T.69N., R.24W. (SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 14, T.69N., R.24W.)  
**Vegetation:** Black spruce crown cover of about 75 percent; sparse understory consists of some dogwood, Labrador tea, and grasses; ground cover consists of some snowberry.  
**Microrelief:** 46 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Hemic	0-107
Silty clay	107+

**Location:** 550 feet S and 2000 feet W of the NE corner of Sec. 19, T.69N., R.24W. (SE1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 19, T.69N., R.24W.)  
**Vegetation:** Scattered black spruce; understory consists mostly of grasses with some swamp laurel and leatherleaf; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-229
Silty clay	229+

**Location:** 1825 feet N and 110 feet W of the SE corner of Sec. 25, T.69N., R.24W. (NE1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 25, T.69N., R.24W.)  
**Vegetation:** Black spruce crown cover of about 75 percent with scattered tamarack; understory consists of grasses, leatherleaf, and some swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Hemic	0-320
Sandy clay	320+

**Location:** 2550 feet S and 410 feet W of the NE corner of Sec. 33, T.69N., R.24W. (SW1/4 of SE1/4 of SE1/4 of NE1/4, Sec. 33, T.69N., R.24W.)  
**Vegetation:** Scattered black spruce; lush understory consists of sedges, Labrador tea, leatherleaf, and some grasses, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-442
Sandy clay	442+

**Location:** 2500 feet S and 525 feet W of the NE corner of Sec. 21, T.69N., R.24W. (SW1/4 of SE1/4 of SE1/4 of NE1/4, Sec. 21, T.69N., R.24W.)  
**Vegetation:** Scattered black spruce; understory consists of Labrador tea with some leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Hemic	0-183
Clay	183+

**Location:** 1740 feet N and 2475 feet E of the SW corner of Sec. 27, T.69N., R.24W. (NE1/4 of SE1/4 of NE1/4 of SW1/4, Sec. 27, T.69N., R.24W.)  
**Vegetation:** Scattered aspen in a clearing surrounded by black spruce; understory consists mostly of cotton grass with some Labrador tea and leatherleaf; ground cover consists mostly of Sphagnum mosses with some feather mosses and false Solomon's seal.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Hemic	0-138
Silty clay	138+

**Location:** 1880 feet N and 160 feet W of the SE corner of Sec. 36, T.69N., R.24W. (SE1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 36, T.69N., R.24W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some leatherleaf, swamp laurel, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Hemic	0-427
Sapric	427-457+
Bottom	
unknown	

**Location:** 655 feet N and 540 feet E of the SW corner of Sec. 21, T.69N., R.24W. (SE1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 21, T.69N., R.24W.)  
**Vegetation:** Scattered black spruce; lush understory consists of swamp laurel, leatherleaf and cotton grass with some sedges and bog rosemary; ground cover consists mostly of Sphagnum mosses with false Solomon's seal and some other mosses and cranberry.  
**Microrelief:** 55 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Hemic	0-274
Sapric	274-295
Clay	295+

**Location:** 300 feet S and 945 feet W of the NE corner of Sec. 31, T.69N., R.24W. (NE1/4 of NW1/4 of NE1/4 of NE1/4, Sec. 31, T.69N., R.24W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of grasses with bog rosemary and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-320
Limnic with silt	320+

**Location:** 875 feet N and 120 feet W of the SE corner of Sec. 13, T.70N., R.24W. (SE1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 13, T.70N., R.24W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, bog rosemary, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-548+
Bottom	
unknown	

**Location:** 550 feet S and 1300 feet E of the NW corner of Sec. 22, T.70N., R.24W. (SW1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 22, T.70N., R.24W.)  
**Vegetation:** Black spruce crown cover of about 95 percent; lush understory consists of leatherleaf, bog rosemary, cotton grass, Labrador tea, and some sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Hemic	0-518
Clay	518+

**Location:** 1475 feet S and 220 feet W of the NE corner of Sec. 28, T.70N., R.24W. (NE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 28, T.70N., R.24W.)  
**Vegetation:** Scattered black spruce; lush understory consists of leatherleaf, grasses, and some cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and P. Guertin on November 27, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-442
Silty clay	442+

**Location:** 500 feet N and 925 feet E of the SW corner of Sec. 32, T.70N., R.24W. (NW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 32, T.70N., R.24W.)  
**Vegetation:** Black spruce and tamarack crown cover of about 85 percent; lush understory consists of speckled alder, Labrador tea, bog rosemary, leatherleaf, and some grasses; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Near surface.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Fibric	0-229
Hemic	229-442
Sandy clay	442+

**Location:** 600 feet S and 1250 feet E of the NW corner of Sec. 10, T.63N., R.25W. (SE1/4 of NE1/4 of NW1/4 of NW1/4, Sec. 10, T.63N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; sparse understory consists of some leatherleaf, Labrador tea, swamp laurel, and grasses; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-213
Loam	213+

**Location:** 1000 feet N and 2700 feet W of the SE corner of Sec. 18, T.63N., R.25W. (NE1/4 of NE1/4 of SE1/4 of SW1/4, Sec. 18, T.63N., R.25W.)  
**Vegetation:** Scattered ash, black spruce, and paper birch; lush understory consists mostly of grasses with some alder and raspberry; ground cover consists of some Sphagnum and other mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and D. Haverkost on May 20, 1980.

Layer	Depth (cm)
Hemic	0-335
Silty clay	335+

**Location:** 1800 feet N and 1620 feet W of the SE corner of Sec. 2, T.64N., R.25W. (NW1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 2, T.64N., R.25W.)  
**Vegetation:** Sparse understory consists of some grasses, black spruce, leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Fibric	0-244
Hemic	244-396+
Bottom unknown	

**Location:** 500 feet N and 955 feet W of the SE corner of Sec. 8, T.64N., R.25W. (NW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 8, T.64N., R.25W.)  
**Vegetation:** Scattered tamarack; understory consists of some bog birch, grasses, leatherleaf, Labrador tea, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-274
Silty clay loam	274+

**Location:** 550 feet N and 1990 feet W of the SE corner of Sec. 9, T.64N., R.25W. (NE1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 9, T.64N., R.25W.)  
**Vegetation:** Scattered tamarack; understory consists of some grasses, leatherleaf, bog rosemary, swamp laurel, sedges, and bog birch; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 50 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-122
Fibric	122-396
Hemic	396+

**Location:** 1290 feet S and 885 feet E of the NW corner of Sec. 11, T.64N., R.25W. (SW1/4 of SE1/4 of NW1/4 of NW1/4, Sec. 11, T.64N., R.25W.)  
**Vegetation:** Lush understory consists mostly of sedges with some tamarack, black spruce, bog birch, leatherleaf, and bog rosemary; ground cover consists of some Sphagnum mosses, other mosses, cranberry, and pitcher plant.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Fibric	0-213
Hemic	213-411
Silty clay	411+

**Location:** 910 feet N and 1550 feet W of the SE corner of Sec. 12, T.64N., R.25W. (NE1/4 of NE1/4 of SW1/4 of SE1/4, Sec. 12, T.64N., R.25W.)  
**Vegetation:** Understory consists of some tamarack, bog birch, cotton grass, leatherleaf, and bog rosemary; ground cover consists of some Sphagnum and other mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-183
Sand	183+

**Location:** 540 feet N and 150 feet E of the SW corner of Sec. 2, T.65N., R.25W. (NW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 2, T.65N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of Labrador tea and leatherleaf; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Haverkost and R. Graber on November 28, 1979.

Layer	Depth (cm)
Hemic	0-305
Medium sand	305+

**Location:** 1290 feet S and 1840 feet W of the NE corner of Sec. 27, T.65N., R.25W. (NW1/4 of NE1/4 of SW1/4 of NE1/4, Sec. 27, T.65N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some sedges, grasses, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61- 91
Fibric	91-427+
Bottom unknown	

**Location:** 1120 feet N and 950 feet E of the SW corner of Sec. 18, T.64N., R.25W. (NW1/4 of NE1/4 of SW1/4 of SW1/4, Sec. 18, T.64N., R.25W.)  
**Vegetation:** Tamarack crown cover of about 30 percent with about 30 percent crown cover of northern white cedar and scattered black spruce; understory consists of Labrador tea with some leatherleaf and bog birch; ground cover consists mostly of Sphagnum mosses with some feather mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Hemic	0-183
Sapric loam	183-213
	213+

**Location:** 60 feet S and 290 feet E of the NW corner of Sec. 5, T.65N., R.25W. (Gov. Lot 4, Sec. 5, T.65N., R.25W.)  
**Vegetation:** Tamarack crown cover of about 75 percent with about 25 percent black spruce; lush understory consists of speckled alder, Labrador tea, leatherleaf, bog rosemary, and sedges with some grasses and cattails, ground cover consists of Sphagnum mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 29, 1979.

Layer	Depth (cm)
Hemic	0-152
Sandy clay	152+

**Location:** 240 feet S and 200 feet E of the NW corner of Sec. 32, T.65N., R.25W. (NW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 32, T.65N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; sparse understory consists of some Labrador tea, bog rosemary, bog birch, sedges, and grasses; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Hemic	0-122
Sand	122+

**Location:** 1415 feet N and 1915 feet W of the SE corner of Sec. 31, T.64N., R.25W. (SW1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 31, T.64N., R.25W.)  
**Vegetation:** Scattered tamarack and black spruce; understory consists of some bog birch, Labrador tea, sedges, grasses, and ferns; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0- 91
Fibric	91-122
Hemic	122-305
Silt loam	305+

**Location:** 250 feet S and 1260 feet W of the NE corner of Sec. 7, T.65N., R.25W. (NE1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 7, T.65N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 65 percent with about 25 percent tamarack and scattered aspen; lush understory consists of Labrador tea and grasses with some sedges and speckled alder; ground cover consists of Sphagnum mosses with some snowberry.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 29, 1979.

Layer	Depth (cm)
Hemic	0-213
Medium sand with minor clay	213+

**Location:** 1850 feet N and 550 feet W of the SE corner of Sec. 35, T.65N., R.25W. (NW1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 35, T.65N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of some grasses, leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-427+
Bottom unknown	

**Location:** 610 feet N and 2450 feet W of the SE corner of Sec. 6, T.66N., R.25W. (NW1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 6, T.66N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with about 30 percent crown cover of tamarack; lush understory consists of grasses with some leatherleaf, bog rosemary, Labrador tea, and speckled alder; ground cover consists of Sphagnum mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 29, 1979.

Layer	Depth (cm)
Hemic	0-183
Medium and coarse sand	183+

**Location:** 1875 feet N and 90 feet W of the SE corner of Sec. 8, T.66N., R.25W. (NE1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 8, T.66N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered tamarack and aspen; understory consists of grasses and leatherleaf with some bog birch, cattails and Labrador tea; ground cover consists of Sphagnum mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 29, 1979.

Layer	Depth (cm)
Hemic	0-137
Sandy loam	137+

**Location:** 440 feet S and 1600 feet W of the NE corner of Sec. 9, T.66N., R.25W. (SE1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 9, T.66N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some leatherleaf, swamp laurel, grasses, and sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 29, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-122
Silty clay	122+

**Location:** 2000 feet N and 690 feet W of the SE corner of Sec. 9, T.66N., R.25W. (NE1/4 of SW1/4 of NE1/4 of SE1/4, Sec. 9, T.66N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 80 percent with scattered tamarack; understory consists of leatherleaf with some swamp laurel, bog rosemary, and grasses; ground cover consists of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 29, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-228
Sapric	228-244
Very fine sand	244+

**Location:** 2550 feet S and 2550 feet E of the NW corner of Sec. 21, T.66N., R.25W. (SE1/4 of SE1/4 of SE1/4 of NW1/4, Sec. 21, T.66N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with about 25 percent crown cover of tamarack and scattered paper birch, black ash, and aspen; lush understory consists of Labrador tea with some speckled alder, grasses, and willow; ground cover consists of some Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Graber and D. Haverkost on November 29, 1979.

Layer	Depth (cm)
Hemic	0-167
Medium sand	167+

**Location:** 2300 feet S and 800 feet E of the NW corner of Sec. 29, T.66N., R.25W. (NW1/4 of SE1/4 of SW1/4 of NW1/4, Sec. 19, T.66N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of leatherleaf with some sedges, swamp laurel, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** D. Mellem and P. Guertin on November 11, 1979.

Layer	Depth (cm)
Hemic	0-274
Coarse sand	274+

**Location:** 760 feet S and 1760 feet W of the NE corner of Sec. 31, T.66N., R.25W. (NW1/4 of SE1/4 of NW1/4 of NE1/4, Sec. 31, T.66N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some leatherleaf, swamp laurel, and sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** 183 cm.  
**Described By:** D. Mellem and P. Guertin on November 29, 1979.

Layer	Depth (cm)
Hemic	0-183
Coarse sand	183+

**Location:** 1650 feet S and 360 feet W of the NW corner of Sec. 33, T.66N., R.25W. (SE1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 33, T.66N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of sedges with some swamp laurel and leatherleaf; ground cover consists mostly of false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** 122 cm.  
**Described By:** D. Mellem and P. Guertin on November 28, 1979.

Layer	Depth (cm)
Hemic	0-335
Silt loam	335+

**Location:** 2000 feet S and 625 feet W of the NE corner of Sec. 14, T.67N., R.25W. (NE1/4 of SW1/4 of SE1/4 of NE1/4, Sec. 14, T.67N., R.25W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some leatherleaf, swamp laurel, sedges, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 24 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and P. Guertin on November 29, 1979.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-274
Clay	274+

**Location:** 1410 feet N and 1000 feet E of the SW corner of Sec. 17, T.67N., R.25W. (SE1/4 of SE1/4 of NW1/4 of SW1/4, Sec. 17, T.67N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 75 percent with scattered tamarack, black ash, and paper birch; understory consists of speckled alder, leatherleaf, and bog rosemary with some grasses, Labrador tea, and swamp laurel; ground cover consists of Sphagnum mosses with some cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Graber and D. Haverkost on November 29, 1979.

Layer	Depth (cm)
Hemic	0-236
Sapric	236-244
Very fine sand	244+

**Location:** 100 feet N and 75 feet E of the SW corner of Sec. 30, T.68N., R.25W. (Gov. lot 4, Sec. 30, T.68N., R.25W.)  
**Vegetation:** Scattered black spruce; understory consists of sedges with some leatherleaf, Labrador tea, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some snowberry and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 28, 1977.

Layer	Depth (cm)
Fibric	0- 21
Hemic	21-295
Sand	295+

**Location:** 1350 feet S and 60 feet E of the NW corner of Sec. 31, T.68N., R.25W. (Gov. Lot 2, Sec. 31, T.68N., R.25W.)  
**Vegetation:** Scattered black spruce; understory consists of leatherleaf with some sedges, bog rosemary, swamp laurel, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 28, 1977.

Layer	Depth (cm)
Fibric	0- 13
Hemic	13-261
Silty clay loam	261+

**Location:** 2160 feet N and 50 feet E of the SW corner of Sec. 31, T.68N., R.25W. (Gov. Lot 3, Sec. 31, T.68N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists of some leatherleaf, sedge, Labrador tea, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 28, 1977.

Layer	Depth (cm)
Fibric	0- 12
Hemic	12-455
Sand	455+

**Location:** 775 feet N and 50 feet E of the SW corner of Sec. 31, T.68N., R.25W. (Gov. Lot 4, Sec. 31, T.68N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists of some sedges, leatherleaf, Labrador tea, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 28, 1977.

Layer	Depth (cm)
Fibric	0- 9
Hemic	9-480
Sand	480+

**Location:** 2160 feet S and 950 feet E of the NW corner of Sec. 32, T.68N., R.25W. (NW1/4 of SE1/4 of SW1/4 of NW1/4, Sec. 32, T.68N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 90 percent with scattered tamarack; understory consists of leatherleaf with some swamp laurel, bog rosemary, cotton grass, and grasses; ground cover consists of some Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Graber and D. Haverkost on November 29, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-213
Silty clay loam	213+

**Location:** 2400 feet S and 2425 feet W of the NE corner of Sec. 2, T.69N., R.25W. (SW1/4 of SW1/4 of SW1/4 of NE1/4, Sec. 2, T.69N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of swamp laurel and cotton grass with some leatherleaf, bog rosemary, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses, false Solomon's seal, and cranberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** N. Aaseng and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Hemic	0-213
Sapric	213-477
Clay	477+

**Location:** 1335 feet N and 900 feet E of the SW corner of Sec. 3, T.69N., R.25W. (SW1/4 of SE1/4 of NW1/4 of SW1/4, Sec. 3, T.69N., R.25W.)  
**Vegetation:** Tamarack crown cover of about 70 percent with about 20 percent black spruce; lush understory consists mostly of Labrador tea with leatherleaf, bog rosemary, and grasses; ground cover consists of Sphagnum mosses with some feather mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-325
Clay	325+

**Location:** 1350 feet N and 1610 feet E of the SW corner of Sec. 4, T.69N., R.25W. (SE1/4 of SW1/4 of NE1/4 of SW1/4, Sec. 4, T.69N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 30 percent with scattered tamarack; sparse understory consists of leatherleaf with some Labrador tea, swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses and false Solomon's seal.  
**Microrelief:** 50 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** N. Aaseng and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-366
Silty clay	366+

**Location:** 2155 feet N and 1540 feet E of the SW corner of Sec. 10, T.69N., R.25W. (SW1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 10, T.69N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 75 percent with about 20 percent tamarack; understory consists of leatherleaf with bog rosemary and some Labrador tea and grasses; ground cover consists of Sphagnum mosses with some feather mosses.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Hemic	0-335
Sapric	335-366
Clay	366+

**Location:** 625 feet S and 890 feet W of the NE corner of Sec. 13, T.69N., R.25W. (SE1/4 of NW1/4 of NE1/4 of NE1/4 of Sec. 13, T.69N., R.25W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of grasses with some leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Fibric	0-547
Hemic	547+

**Location:** 50 feet S and 50 feet E of the NW corner of Sec. 13, T.69N., R.25W. (NW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 13, T.69N., R.25W.)  
**Vegetation:** Scattered tamarack and black spruce; sparse understory consists of sedges with some bog birch, Labrador tea, leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and pitcher plant.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** N. Aaseng and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Hemic	0-457
Sapric	457+

**Location:** 2570 feet N and 2150 feet E of the SW corner of Sec. 14, T.69N., R.25W. (NW1/4 of NE1/4 of NE1/4 of SW1/4, Sec. 14, T.69N., R.25W.)  
**Vegetation:** Scattered tamarack and black spruce; understory consists of sedges with some leatherleaf, swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** N. Aaseng and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-411
Silty clay	411+

**Location:** 1850 feet S and 315 feet E of the NE corner of Sec. 22, T.69N., R.25W. (SW1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 22, T.69N., R.25W.)  
**Vegetation:** Understory consists mostly of speckled alder with grasses, leatherleaf, and bog rosemary; ground cover consists of Sphagnum mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Hemic	0-274
Sapric	274-305
Silty clay	305+

**Location:** 925 feet S and 940 feet W of the NE corner of Sec. 23, T.69N., R.25W. (NE1/4 of SW1/4 of NE1/4 of NE1/4, Sec. 23, T.69N., R.25W.)  
**Vegetation:** Consists of black spruce, tamarack, Labrador tea, bog rosemary, and leatherleaf.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described:** On July 19, 1976.

Layer	Depth (cm)
Hemic	0-305+
Bottom	
unknown	

**Location:** 450 feet N and 1675 feet E of the SW corner of Sec. 23, T.69N., R.25W. (NE1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 23, T.69N., R.25W.)  
**Vegetation:** Consists of black spruce, tamarack, Labrador tea, leatherleaf and bog birch; ground cover consists of Sphagnum mosses, and cranberry.  
**Microrelief:** 30 cm.  
**Depth to Water Table:** Not recorded.  
**Described:** On July 19, 1976.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-285
Sapric	285-305
Mineral soil	305+

**Location:** 2460 feet N and 2080 feet W of the SE corner of Sec. 23, T.69N., R.25W. (NE1/4 of NW1/4 of NW1/4 of SE1/4, Sec. 23, T.69N., R.25W.)  
**Vegetation:** Consists of tamarack, Labrador tea, leatherleaf and bog birch; ground cover consists of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described:** On July 19, 1976.

Layer	Depth (cm)
Hemic	0-305
Sapric	305+

**Location:** 250 feet S and 2620 feet E of the NW corner of Sec. 24, T.69N., R.25W. (NE1/4 of NE1/4 of NE1/4 of NW1/4, Sec. 24, T.69N., R.25W.)  
**Vegetation:** Scattered tamarack and black spruce; lush understory consists mostly of bog birch with some grasses, Labrador tea, leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Hemic	0-315
Clay	315+

**Location:** 1800 feet S and 475 feet E of the NW corner of Sec. 26, T.69N., R.25W. (SE1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 26, T.69N., R.25W.)  
**Vegetation:** Consists of black spruce, tamarack, Labrador tea, bog rosemary, leatherleaf and swamp laurel; ground cover consists of Sphagnum mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 5 cm.  
**Described:** On July 19, 1976.

Layer	Depth (cm)
Hemic	0-305
Mineral soil	305+

**Location:** 1560 feet S and 2550 feet E of the NW corner of Sec. 28, T.69N., R.25W. (NE1/4 of NE1/4 of SE1/4 of NW1/4, Sec. 28, T.69N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of sedges and leatherleaf with some Labrador tea, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses, false Solomon's seal, and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** N. Aaseng and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Hemic	0-152
Sapric	152-183
Silty clay	183+

**Location:** 2450 feet N and 1865 feet W of the SE corner of Sec. 31, T.69N., R.25W. (NW1/4 of NE1/4 of NW1/4 of SE1/4, Sec. 31, T.69N., R.25W.)  
**Vegetation:** Scattered black spruce; lush understory consists of Labrador tea and leatherleaf with some swamp laurel and grasses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** D. Mellem and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-183
Silty clay	183+

**Location:** 145 feet S and 2075 feet W of the NE corner of Sec. 34, T.69N., R.25W. (NE1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 34, T.69N., R.25W.)  
**Vegetation:** Consists of black spruce, poplar, bog rosemary, leatherleaf, swamp laurel, bog birch, willow, and speckled alder; ground cover consists of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described:** On July 19, 1976.

Layer	Depth (cm)
Hemic	0- 76
Sapric	76-188
Clay	188+

**Location:** 2475 feet S and 1200 feet W of the NE corner of Sec. 35, T.69N., R.25W. (SW1/4 of SW1/4 of SE1/4 of NE1/4, Sec. 35, T.69N., R.25W.)  
**Vegetation:** Tamarack and black spruce crown cover of about 95 percent; lush understory consists of leatherleaf and bog rosemary with some Labrador tea; ground cover consists of Sphagnum mosses with some feather mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** Near surface.  
**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Hemic	0-213
Clay	213+

**Location:** 655 feet N and 150 feet W of the SE corner of Sec. 27, T.70N., R.25W. (SE1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 27, T.70N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists mostly of leatherleaf and swamp laurel with some cotton grass and grasses; ground cover consists of Sphagnum mosses with some feather mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Below 235 cm.  
**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61- 91
Sapric	91-235
Clay	235+

**Location:** 100 feet N and 2500 feet W of the SE corner of Sec. 27, T.151N., R.25W. (SW1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 27, T.151N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of Labrador tea; ground cover consists mostly of mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and D. Haverkost on December 10, 1979.

Layer	Depth (cm)
Fibric	0-183
Hemic	183-335
Limnic	335-366+
Bottom unknown	

**Location:** 1425 feet S and 2125 feet E of the NW corner of Sec. 34, T.151N., R.25W. (NW1/4 of NE1/4 of SE1/4 of NW1/4, Sec. 34, T.151N., R.25W.)  
**Vegetation:** Northern white cedar crown cover of about 40 percent with scattered black spruce; understory consists of bog birch and grasses with some willow, Labrador tea, leatherleaf, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses with some cranberry, other mosses, and aster.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and N. Aaseng on December 10, 1979.

Layer	Depth (cm)
Hemic	0-547+
Bottom unknown	

**Location:** 940 feet S and 875 feet E of the NW corner of Sec. 3, T.152N., R.25W. (Gov. Lot 4, Sec. 3, T.152N., R.25W.)  
**Vegetation:** Consists mostly of grasses with some tamarack, black spruce, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Sether and L. Severson on April 7, 1980.

Layer	Depth (cm)
Hemic	0-198
Sapric	198-244
Sandy clay loam	244+



**Location:** 950 feet S and 900 feet E of the NW corner of Sec. 33, T.152N., R.25W. (NW1/4 of SE1/4 of NW1/4 of NW1/4, Sec. 33, T.152N., R.25W.)  
**Vegetation:** Consists of grasses, speckled alder, and sedges with some dogwood, cattail, horsetail, and aster.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and N. Aaseng on December 10, 1979.

Layer	Depth (cm)
Sapric	0-183
Medium to fine sand	183+

**Location:** 2100 feet N and 1600 feet W of the SE corner of Sec. 34, T.152N., R.25W. (SE1/4 of NE1/4 of NW1/4 of SE1/4, Sec. 34, T.152N., R.25W.)  
**Vegetation:** Scattered black spruce; understory consists mostly of grasses with willow.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on December 10, 1979.

Layer	Depth (cm)
Hemic Silt and sand	0-91 91+

**Location:** 675 feet N and 425 feet E of the SW corner of Sec. 5, T.153N., R.25W. (SE1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 5, T.153N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; sparse understory consists of some Labrador tea; ground cover consists mostly of Sphagnum mosses with some cranberry and snowberry.  
**Microrelief:** 46 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** D. Mellem and L. Severson on April 7, 1980.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-152
Sapric	152-163
Silt loam with pebbles	163+

**Location:** 625 feet S and 600 feet W of the NE corner of Sec. 18, T.153N., R.25W. (SW1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 18, T.153N., R.25W.)  
**Vegetation:** Lush understory consists of sedges and grasses with some black spruce and leatherleaf; ground cover consists of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** B. Sether and S. Nelson on April 3, 1980.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-259
Sandy loam	259+

**Location:** 2000 feet S and 275 feet W of the NE corner of Sec. 19, T.153N., R.25W. (SE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 19, T.153N., R.25W.)  
**Vegetation:** Tamarack crown cover of about 40 percent with scattered black spruce; lush understory consists mostly of sedges with some leatherleaf, swamp laurel, bog rosemary, and cotton grass; ground cover consists of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** 10 cm. above surface.  
**Described By:** H. Mooers and S. Nelson on April 7, 1980.

Layer	Depth (cm)
Hemic Silt loam	0-244 244+

**Location:** 310 feet N and 300 feet E of the SW corner of Sec. 20, T.153N., R.25W. (NW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 20, T.153N., R.25W.)  
**Vegetation:** Lush understory consists mostly of grasses with some black spruce, tamarack, alder, leatherleaf, bog rosemary, and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and L. Severson on April 7, 1980.

Layer	Depth (cm)
Fibric	0-305
Hemic	305-335
Clay loam	335+

**Location:** 2175 feet S and 2475 feet E of the NW corner of Sec. 21, T.153N., R.25W. (NE1/4 of SE1/4 of SE1/4 of NW1/4, Sec. 21, T.153N., R.25W.)  
**Vegetation:** Lush understory consists mostly of grasses with some black spruce, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and pitcher plant.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and L. Severson on April 7, 1980.

Layer	Depth (cm)
Hemic Medium to coarse sand	0-229 229+

**Location:** 810 feet N and 1425 feet E of the SW corner of Sec. 22, T.153N., R.25W. (SW1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 22, T.153N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of grasses with some leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some feather mosses, snowberry, and false Solomon's seal.  
**Microrelief:** 50 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Sether and L. Severson on April 7, 1980.

Layer	Depth (cm)
Hemic Fibric Medium sandy loam	0-183 183-213 213+

**Location:** 800 feet N and 110 feet W of the SE corner of Sec. 24, T.153N., R.25W. (SE1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 24, T.153N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, grasses, and sedges; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and S. Nelson on April 8, 1980.

Layer	Depth (cm)
Fibric Hemic Loamy sand	0- 61 61-168 168+

**Location:** 1150 feet N and 2620 feet E of the SW corner of Sec. 25, T.153N., R.25W. (NE1/4 of NE1/4 of SE1/4 of SW1/4, Sec. 25, T.153N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of Labrador tea with some sedges, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, snowberry, and false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Sether and D. Haverkost on April 8, 1980.

Layer	Depth (cm)
Hemic	0- 91
Sapric	91-122
Silt	122+
loam	

**Location:** 2550 feet N and 825 feet E of the SW corner of Sec. 27, T.153N., R.25W. (NW1/4 of NE1/4 of NW1/4 of SW1/4, Sec. 27, T.153N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of sedges with some leatherleaf, Labrador tea, swamp laurel, and grasses; ground cover consists mostly of Sphagnum mosses with some feather mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and S. Nelson on April 7, 1980.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-335
Sapric	335-381
Silty	381+
clay	
loam	

**Location:** 1375 feet N and 2425 feet E of the SW corner of Sec. 28, T.153N., R.25W. (SE1/4 of SE1/4 of NE1/4 of SW1/4, Sec. 28, T.153N., R.25W.)  
**Vegetation:** Lush understory consists of sedges and grasses with some black spruce, tamarack, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some feather mosses and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Sether and L. Severson on April 7, 1980.

Layer	Depth (cm)
Hemic	0-198
Sandy	198+
clay	

**Location:** 1090 feet S and 475 feet W of the NE corner of Sec. 29, T.153N., R.25W. (SW1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 29, T.153N., R.25W.)  
**Vegetation:** Scattered tamarack and black spruce; understory consists of leatherleaf with some sedges, Labrador tea, swamp laurel, and bog rosemary; ground cover consists of Sphagnum mosses with some feather mosses, pitcher plant, cranberry, and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** H. Mooers and S. Nelson on April 7, 1980.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-320
Silty	320+
clay	

**Location:** 1825 feet S and 1860 feet W of the NE corner of Sec. 30, T.153N., R.25W. (SW1/4 of NE1/4 of SW1/4 of NE1/4, Sec. 30, T.153N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists mostly of sedges with some Labrador tea, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some feather mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and S. Nelson on April 7, 1980.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-366
Sapric	366-381
Silty	381+
clay	
loam	

**Location:** 490 feet N and 175 feet W of the SE corner of Sec. 30, T.153N., R.25W. (NE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 30, T.153N., R.25W.)  
**Vegetation:** Understory consists of grasses with some black spruce, bog birch, leatherleaf, and bog rosemary; ground cover consists of some Sphagnum and feather mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Sether and S. Nelson on April 3, 1980.

Layer	Depth (cm)
Hemic	0-244
Sandy	244+
clay	

**Location:** 2200 feet S and 150 feet W of the NE corner of Sec. 31, T.153N., R.25W. (NE1/4 of SE1/4 of SE1/4 of NE1/4, Sec. 31, T.153N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of some leatherleaf, sedges, grasses, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some feather mosses, cranberry, and pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on April 3, 1980.

Layer	Depth (cm)
Hemic	0-244
Sapric	244-274
Loamy	274+
sand	

**Location:** 825 feet S and 160 feet E of the NW corner of Sec. 31, T.153N., R.25W. (Gov. Lot 1, Sec. 31, T.153N., R.25W.)  
**Vegetation:** Scattered tamarack and black spruce; sparse understory consists of some leatherleaf, sedges, Labrador tea, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some feather mosses, snowberry, and pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 6 cm.  
**Described By:** H. Mooers and D. Haverkost on April 3, 1980.

Layer	Depth (cm)
Hemic	0-335
Silty	335+
clay	
loam	

**Location:** 1725 feet S and 1610 feet W of the NE corner of Sec. 32, T.153N., R.25W. (SE1/4 of NE1/4 of SW1/4 of NE1/4, Sec. 32, T.153N., R.25W.)  
**Vegetation:** Scattered tamarack and black spruce; understory consists of sedges with some speckled alder, leatherleaf, Labrador tea, swamp laurel, bog rosemary, and grasses; ground cover consists mostly of Sphagnum mosses with some feather mosses, false Solomon's seal, and pitcher plant.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and S. Nelson on April 7, 1980.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-274
Loamy	274+
sand	

**Location:** 750 feet S and 90 feet E of the NW corner of Sec. 35, T.153N., R.25W.  
(NW1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 35, T.153N., R.25W.)

**Vegetation:** Black spruce crown cover of about 60 percent with scattered tamarack; understory consists of some speckled alder, bog birch, Labrador tea, leatherleaf, swamp laurel, bog rosemary, sedges, grasses, and ferns; ground cover consists mostly of Sphagnum mosses with some feather mosses, snowberry, and pitcher plant.

**Microrelief:** 30 cm.

**Depth To Water Table:** 8 cm.

**Described By:** H. Mooers and S. Nelson on April 7, 1980.

Layer	Depth (cm)
Hemic	0-259
Loamy sand with pebbles	259+

**Location:** 1660 feet N and 400 feet E of the SW corner of Sec. 7, T.154N., R.25W.  
(Gov. Lot 3, Sec. 7, T.154N., R.25W.)

**Vegetation:** Scattered black spruce, aspen, and tamarack; lush understory consists mostly of grasses with some bog birch, cattails, Labrador tea, leatherleaf, bog rosemary, blackberry, and ferns; ground cover consists mostly of Sphagnum mosses with some snowberry.

**Microrelief:** 23 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Hemic	0-76
Silt loam	76+

**Location:** 660 feet N and 490 feet E of the SW corner of Sec. 10, T.154N., R.25W.  
(SE1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 10, T.154N., R.25W.)

**Vegetation:** Tamarack crown cover of about 65 percent with about 20 percent crown cover of black spruce and scattered paper birch; understory consists of leatherleaf and bog rosemary with some speckled alder, Labrador tea, and grasses; ground cover consists of some Sphagnum mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** Not recorded.

**Described By:** R. Graber and D. Haverkost on November 11, 1979.

Layer	Depth (cm)
Hemic	0-167
Sapric	167-183
Fine sand	183+

**Location:** 125 feet N and 2510 feet W of the SE corner of Sec. 10, T.154N., R.25W.  
(SW1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 10, T.154N., R.25W.)

**Vegetation:** Consists of tamarack with bog birch, willow and speckled alder; ground cover consists of Sphagnum mosses.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on July 16, 1976.

Layer	Depth (cm)
Hemic	0-122
Sandy clay	122+

**Location:** 1160 feet S and 250 feet E of the NW corner of Sec. 13, T.154N., R.25W.  
(SW1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 13, T.154N., R.25W.)

**Vegetation:** Tamarack crown cover of about 65 percent with about 25 percent black spruce; understory consists of leatherleaf with some swamp laurel, grasses, and speckled alder; ground cover consists of Sphagnum mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** R. Graber and D. Haverkost on November 30, 1979.

Layer	Depth (cm)
Hemic	0-183
Sapric	183-198
Medium to fine sand	198+

**Location:** 1140 feet S and 1110 feet W of the NE corner of Sec. 15, T.154N., R.25W.  
(SW1/4 of SW1/4 of NE1/4 of NE1/4, Sec. 15, T.154N., R.25W.)

**Vegetation:** Not recorded.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on July 16, 1976.

Layer	Depth (cm)
Hemic	0-122
Sandy loam	122+

**Location:** 500 feet S and 1790 feet W of the NE corner of Sec. 15, T.154N., R.25W.  
(SW1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 15, T.154N., R.25W.)

**Vegetation:** Not recorded.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on July 16, 1976.

Layer	Depth (cm)
Hemic	0-91
Sandy loam	91+

**Location:** 175 feet S and 2125 feet W of the NE corner of Sec. 15, T.154N., R.25W.  
(NE1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 15, T.154N., R.25W.)

**Vegetation:** Crown cover consists of black spruce, tamarack, and northern white cedar; understory consists of Labrador tea, bog rosemary, and leatherleaf.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on July 16, 1976.

Layer	Depth (cm)
Hemic	0-122
Loamy sand	122+

**Location:** 800 feet S and 1440 feet W of the NE corner of Sec. 15, T.154N., R.25W.  
(NE1/4 of SE1/4 of NW1/4 of NE1/4, Sec. 15, T.154N., R.25W.)

**Vegetation:** Not recorded.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on July 16, 1976.

Layer	Depth (cm)
Hemic	0-122
Mineral soil	122+

**Location:** 1860 feet S and 335 feet W of the NE corner of Sec. 15, T.154N., R.25W.  
(SW1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 15, T.154N., R.25W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on July 16, 1976.

Layer	Depth (cm)
Peat	0-122
Clay loam	122+

**Location:** 1490 feet S and 710 feet W of the NE corner of Sec. 15, T.154N., R.25W.  
(NE1/4 of NW1/4 of SE1/4 of NE1/4, Sec. 15, T.154N., R.25W.)  
**Vegetation:** Not recorded.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on July 16, 1976.

Layer	Depth (cm)
Hemic Sand	0-122
	122+

**Location:** 2200 feet S and 25 feet W of the NE corner of Sec. 15, T.154N., R.25W.  
(NE1/4 of SE1/4 of SE1/4 of NE1/4, Sec. 15, T.154N., R.25W.)  
**Vegetation:** Crown cover consists of black spruce and tamarack; understory consists of Labrador tea, bog rosemary, bog birch, willow, and speckled alder.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on July 16, 1976.

Layer	Depth (cm)
Peat	0-122
Sandy clay loam	122+

**Location:** 1775 feet S and 250 feet E of the NW corner of Sec. 15, T.154N., R.25W.  
(SW1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 15, T.154N., R.25W.)  
**Vegetation:** Consists of balsam fir, poplar and ferns.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Below 69 cm.  
**Described By:** M. Domeier on September 20, 1976.

Layer	Depth (cm)
Hemic Sapric Mineral soil	0-58
	58-69
	69+

**Location:** 2550 feet S and 1825 feet W of the NE corner of Sec. 20, T.154N., R.25W.  
(SW1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 20, T.154N., R.25W.)  
**Vegetation:** Old clearcut area surrounded by northern white cedar and black spruce of over 20 feet; understory consists of grasses; ground cover consists of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Hemic Fibric Clay loam	0-183
	183-305
	305+

**Location:** 1300 feet S and 75 feet W of the NE corner of Sec. 21, T.154N., R.25W.  
(NE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 21, T.154N., R.25W.)  
**Vegetation:** Stunted tamarack and northern white cedar crown cover of about 35 percent each with scattered black spruce; understory consists of grasses with some bog rosemary, leatherleaf, and Labrador tea; ground cover consists of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 30, 1979.

Layer	Depth (cm)
Fibric Hemic Medium to coarse sand with pebbles	0-122
	122-213
	213+

**Location:** 950 feet N and 1625 feet E of the SW corner of Sec. 24, T.154N., R.25W.  
(NE1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 24, T.154N., R.25W.)  
**Vegetation:** Scattered tamarack, black spruce, and paper birch; understory consists of bog birch and leatherleaf with some bog rosemary and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 35 cm.  
**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Fibric Hemic Sandy clay	0- 91
	91-244
	244+

**Location:** 475 feet S and 245 feet E of the NW corner of Sec. 27, T.154N., R.25W.  
(SW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 27, T.154N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists of sedges with some leatherleaf, bog rosemary, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Fibric Hemic Silty clay	0-274
	274-517
	517+

**Location:** 100 feet S and 2000 feet E of the NW corner of Sec. 1, T.155N., R.25W.  
(Gov. Lot 3, Sec. 1, T.155N., R.25W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of Labrador tea with some leatherleaf, swamp laurel, bog rosemary, sedges, and grasses; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 30, 1979.

Layer	Depth (cm)
Hemic Sapric Fine sand	0-167
	167-183
	183+

**Location:** 1470 feet S and 240 feet W of the NE corner of Sec. 13, T.155N., R.25W. (NE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 13, T.155N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered northern white cedar, balsam and paper birch; understory consists of bog birch with some Labrador tea, grasses, and blackberry; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Hemic	0-122
Silty clay	122+

**Location:** 1050 feet N and 1670 feet W of the SE corner of Sec. 6, T.156N., R.25W. (NE1/4 of NE1/4 of SW1/4 of SE1/4, Sec. 6, T.156N., R.25W.)  
**Vegetation:** Scattered black spruce and paper birch; understory consists mostly of bog birch, grasses, and forbs with some speckled alder, Labrador tea, and ferns; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Hemic	0-91
Sandy clay	91+

**Location:** 1990 feet S and 2255 feet E of the NW corner of Sec. 31, T.156N., R.25W. (SW1/4 of NE1/4 of SE1/4 of NW1/4, Sec. 31, T.156N., R.25W.)  
**Vegetation:** Old clear cut area surrounded by black spruce about 20 feet tall; lush understory consists of Labrador tea and leatherleaf with some bog birch and grasses; ground cover consists mostly of Sphagnum mosses with snowberry and some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Hemic	0-61
Silty loam	61+

**Location:** 300 feet S and 1710 feet E of the NW corner of Sec. 4, T.156N., R.25W. (NE1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 4, T.156N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 45 percent; understory consists of Labrador tea; ground cover consists mostly of mosses with some Sphagnum mosses and snowberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Graber and D. Haverkost on November 30, 1979.

Layer	Depth (cm)
Hemic	0-152
Medium to fine sand	152+

**Location:** 250 feet N and 1650 feet E of the SW corner of Sec. 24, T.156N., R.25W. (SE1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 24, T.156N., R.25W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of Labrador tea and leatherleaf; ground cover consists mostly of Sphagnum mosses with some other mosses and snowberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 30, 1979.

Layer	Depth (cm)
Hemic	0-137
Sandy clay	137+

**Location:** 1775 feet N and 375 feet W of the SE corner of Sec. 32, T.156N., R.25W. (NW1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 32, T.156N., R.25W.)  
**Vegetation:** Scattered black spruce and paper birch; sparse understory consists of some speckled alder, grasses, Labrador tea, and leatherleaf; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 15 cm. above surface.  
**Described By:** R. Graber and D. Haverkost on November 30, 1979.

Layer	Depth (cm)
Hemic	0-122
Medium sand	122+

**Location:** 150 feet N and 575 feet E of the SW corner of Sec. 4, T.156N., R.25W. (SE1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 4, T.156N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; understory consists of sedges with some leatherleaf and Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 6 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Hemic	0-122
Sapric Clay loam	122-152
	152+

**Location:** 1150 feet N and 1960 feet W of the SE corner of Sec. 28, T.156N., R.25W. (NE1/4 of NW1/4 of SW1/4 of SE1/4, Sec. 28, T.156N., R.25W.)  
**Vegetation:** Scattered black spruce, tamarack, and paper birch; lush understory consists mostly of grasses and bog birch with some speckled alder, cattail, and blackberry; ground cover consists of some Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Hemic	0-122
Silty clay	122+

**Location:** 1150 feet S and 2050 feet W of the NE corner of Sec. 35, T.156N., R.25W. (SE1/4 of SW1/4 of NW1/4 of NE1/4, Sec. 35, T.156N., R.25W.)  
**Vegetation:** Scattered black spruce, tamarack, and paper birch; lush understory consists of Labrador tea, bog birch, and leatherleaf with some speckled alder, swamp laurel, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Hemic	0-106
Silt and sand	106+

**Location:** 750 feet S and 1415 feet W of the NE corner of Sec. 2, T.157N., R.25W. (Gov. Lot 2, Sec. 2, T.157N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 95 percent; understory consists of Labrador tea with some leatherleaf, swamp laurel, bog rosemary, and grasses; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 31 cm.  
**Described By:** B. Wakanabo on August 24, 1977.

Layer	Depth (cm)
Peat	0-232
Silt and very fine sand	232+

**Location:** 1450 feet N and 1000 feet E of the SW corner of Sec. 15, T.157N., R.25W. (SW1/4 of SE1/4 of NW1/4 of SW1/4, Sec. 15, T.157N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of leatherleaf and sedges with some swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Hemic Clay	0-213 213+

**Location:** 665 feet N and 2525 feet E of the SW corner of Sec. 22, T.157N., R.25W. (SE1/4 of NE1/4 of SE1/4 of SW1/4, Sec. 22, T.157N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered tamarack; sparse understory consists of Labrador tea with some leatherleaf, swamp laurel, and sedges; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and lingen berry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Fibric	0- 45
Hemic	45-122
Clay	122+

**Location:** 650 feet S and 2575 feet E of the NW corner of Sec. 2, T.157N., R.25W. (Gov. Lot 3, Sec. 2, T.157N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 70 percent with a tamarack crown cover of about 25 percent; lush understory consists mostly of leatherleaf and bog birch with some Labrador tea, willow, swamp laurel, grasses, and bog rosemary; ground cover consists of Sphagnum mosses with some cranberry.  
**Microrelief:** 42 cm.  
**Depth To Water Table:** 23 cm.  
**Described By:** B. Wakanabo on August 24, 1977.

Layer	Depth (cm)
Hemic Silty clay	0-210 210+

**Location:** 1050 feet S and 1530 feet W of the NE corner of Sec. 16, T.157N., R.25W. (SE1/4 of SE1/4 of NW1/4 of NE1/4, Sec. 16, T.157N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; understory consists of Labrador tea, leatherleaf, and sedges with some swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Hemic Clay	0-177 177+

**Location:** 800 feet S and 1150 feet W of the NE corner of Sec. 28, T.157N., R.25W. (NW1/4 of SW1/4 of NE1/4 of NE1/4, Sec. 28, T.157N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-274
Very fine sand	274+

**Location:** 2150 feet S and 1800 feet W of the NE corner of Sec. 15, T.157N., R.25W. (NW1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 15, T.157N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of leatherleaf, swamp laurel, bog rosemary, sedges, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Fibric	0-228
Hemic	228-305
Sapric	305-320
Silty clay	320+

**Location:** 1865 feet N and 2500 feet E of the SW corner of Sec. 21, T.157N., R.25W. (NE1/4 of SE1/4 of NE1/4 of SW1/4, Sec. 21, T.157N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of Labrador tea, leatherleaf, swamp laurel, bog rosemary and sedges; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-274
Sapric	274-335
Silty clay	335+

**Location:** 50 feet S and 100 feet W of the NE corner of Sec. 32, T.157N., R.25W. (NE1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 32, T.157N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 30 percent with scattered tamarack; understory consists of Labrador tea with some leatherleaf, swamp laurel, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Hemic	0-305
Silty clay	305+

**Location:** 500 feet N and 550 feet W of the SE corner of Sec. 36, T.157N., R.25W. (NW1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 36, T.157N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists of Labrador tea, leatherleaf, and swamp laurel with some sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 61 cm.  
**Depth-To Water Table:** 45 cm.  
**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-167
Silt and sand	167+

**Location:** 675 feet S and 1375 feet E of the NW corner of Sec. 4, T.158N., R.25W. (Gov. Lot 3, Sec. 4, T.158N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 90 percent; sparse understory consists of Labrador tea with some sedges; ground cover consists mostly of Sphagnum and other mosses with some lingon berry and cranberry.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** Below 198 cm.  
**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Hemic	0-198
Silty clay	198+

**Location:** 15 feet S and 2225 feet E of the NW corner of Sec. 15, T.158N., R.25W. (NW1/4 of NE1/4 of NE1/4 of NW1/4, Sec. 15, T.158N., R.25W.)  
**Vegetation:** Tamarack crown cover of about 60 percent with scattered black spruce; lush understory consists of Labrador tea, leatherleaf, swamp laurel, and bog rosemary with some grasses; ground cover consists of Sphagnum and feather mosses.  
**Microrelief:** 50 cm.  
**Depth To Water Table:** Near surface.  
**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-183
Sapric	183-213
Fine sand	213+

**Location:** 25 feet S and 1425 feet W of the NE corner of Sec. 16, T.158N., R.25W. (NE1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 16, T.158N., R.25W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of cotton grass with some Labrador tea, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Hemic Clay	0-238 238+

**Location:** 2280 feet N and 1775 feet W of the SE corner of Sec. 16, T.158N., R.25W. (SW1/4 of NE1/4 of NW1/4 of SE1/4, Sec. 16, T.158N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of sedges with some leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry and pitcher plant.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Hemic Fine sand	0-259 259+

**Location:** 925 feet S and 825 feet W of the NE corner of Sec. 17, T.158N., R.25W. (NE1/4 of SW1/4 of NE1/4 of NE1/4, Sec. 17, T.158N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with about 40 percent crown cover of tamarack; lush understory consists mostly of leatherleaf, swamp laurel, bog rosemary, and grasses with some horsetail; ground cover consists of some Sphagnum and feather mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Hemic Silty clay	0-305 305+

**Location:** 950 feet N and 1735 feet E of the SW corner of Sec. 19, T.158N., R.25W. (SE1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 19, T.158N., R.25W.)  
**Vegetation:** Scattered black spruce, tamarack, and paper birch; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, sedges, and grasses; ground cover consists mostly of feather mosses with some Sphagnum mosses and snowberry.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Hemic Clay loam	0-106 106+

**Location:** 1825 feet N and 500 feet E of the SW corner of Sec. 20, T.158N., R.25W. (NE1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 20, T.158N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of sedges with some leatherleaf, swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and pitcher plant.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Hemic Silty clay	0-381 381+

**Location:** 950 feet N and 2135 feet W of the SE corner of Sec. 20, T.158N., R.25W. (SE1/4 of NW1/4 of SW1/4 of SE1/4, Sec. 20, T.158N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of grasses, bog rosemary, and leatherleaf with some speckled alder and sedges; ground cover consists mostly of feather mosses with some Sphagnum mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Hemic Fibric Hemic Silty clay	0- 91 91-183 183-416 416+

**Location:** 1100 feet N and 1640 feet W of the SE corner of Sec. 21, T.158N., R.25W. (NE1/4 of NE1/4 of SW1/4 of SE1/4, Sec. 21, T.158N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of sedges with some bog rosemary, swamp laurel, and leatherleaf; ground cover consists of some cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng of November 15, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-264
Clay	264+

**Location:** 2175 feet S and 1990 feet E of the NW corner of Sec. 22, T.158N., R.25W. (NW1/4 of SE1/4 of SE1/4 of NW1/4, Sec. 22, T.158N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists of grasses, leatherleaf, and swamp laurel; ground cover consists of Sphagnum mosses with some pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-305
Silty clay	305+

**Location:** 975 feet S and 2550 feet W of the NE corner of Sec. 23, T.158N., R.25W. (NW1/4 of SW1/4 of NW1/4 of NE1/4, Sec. 23, T.158N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of Labrador tea with some leatherleaf and swamp laurel; ground cover consists mostly of mosses with some lingen berry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and N. Aaseng on October 31, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-122
Clay	122+

**Location:** 2600 feet S and 855 feet W of the NE corner of Sec. 25, T.158N., R.25W. (SE1/4 of SW1/4 of SE1/4 of NE1/4, Sec. 25, T.158N., R.25W.)  
**Vegetation:** Understory consists mostly of grasses with some leatherleaf and bog rosemary; ground cover consists of Sphagnum mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on August 25, 1977.

Layer	Depth (cm)
Fibric	0- 65
Hemic	65-206
Silty clay	206+

**Location:** 2500 feet S and 475 feet W of the NE corner of Sec. 25, T.158N., R.25W. (SW1/4 of SE1/4 of SE1/4 of NE1/4, Sec. 25, T.158N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 90 percent; lush understory consists of grasses, leatherleaf, and Labrador tea with some swamp laurel and bog rosemary; ground cover consists of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** B. Wakanabo on August 25, 1977.

Layer	Depth (cm)
Fibric	0- 59
Hemic	59-222
Silty clay	222+

**Location:** 1245 feet N and 1875 feet E of the SW corner of Sec. 27, T.158N., R.25W. (NE1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 27, T.158N., R.25W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists mostly of Labrador tea; ground cover consists mostly of mosses with some lingen berry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and N. Aaseng on October 31, 1979.

Layer	Depth (cm)
Fibric	0- 76
Hemic	76-157
Clay loam	157+

**Location:** 650 feet S and 625 feet W of the NE corner of Sec. 36, T.158N., R.25W. (SW1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 36, T.158N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 80 percent with a tamarack crown cover of about 25 percent; lush understory consists of Labrador tea and leatherleaf with some bog rosemary, grasses, and swamp laurel; ground cover consists of Sphagnum mosses with some cranberry.  
**Microrelief:** 28 cm.  
**Depth To Water Table:** 20 cm.  
**Described By:** B. Wakanabo on August 24, 1977.

Layer	Depth (cm)
Hemic	0- 24
Fibric	24- 42
Hemic	42-287
Silty clay	287+

**Location:** 225 feet N and 610 feet E of the SW corner of Sec. 36, T.158N., R.25W. (SE1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 36, T.158N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with a tamarack crown cover of about 35 percent; lush understory consists of bog birch, leatherleaf, and grasses with some bog rosemary and swamp laurel; ground cover consists of some Sphagnum mosses and false Solomon's seal.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** 20 cm.  
**Described By:** B. Wakanabo on August 24, 1977.

Layer	Depth (cm)
Hemic	0-223
Silt	223+

**Location:** 575 feet N and 1950 feet E of the SW corner of Sec. 36, T.158N., R.25W. (NE1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 36, T.158N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 80 percent; lush understory consists of Labrador tea and leatherleaf with some swamp laurel, bog rosemary, and sedges; ground cover consists of false Solomon's seal with some Sphagnum mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** B. Wakanabo on August 24, 1977.

Layer	Depth (cm)
Fibric	0-41
Hemic	41-90
Silt loam	90+



**Location:** 575 feet N and 2125 feet W of the SE corner of Sec. 36, T.158N., R.25W. (NE1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 36, T.158N., R.25W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; lush understory consists of leatherleaf and sedges with some Labrador tea, bog rosemary, and swamp laurel; ground cover consists of Sphagnum mosses with some false Solomon's seal.

**Microrelief:** 30 cm.

**Depth To Water Table:** 10 cm.

**Described By:** B. Wakanabo on August 24, 1977.

Layer	Depth (cm)
Fibric	0- 36
Hemic	36-257
Clay	257+
loam	

**Location:** 600 feet N and 725 feet W of the SE corner of Sec. 36, T.158N., R.25W. (NE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 36, T.158N., R.25W.)

**Vegetation:** Scattered black spruce; understory consists of some sedges, Labrador tea, and bog rosemary; ground cover consists of some false Solomon's seal.

**Microrelief:** 30 cm.

**Depth To Water Table:** 5 cm.

**Described By:** D. Olson on August 23, 1977.

Layer	Depth (cm)
Fibric	0- 24
Hemic	24-352
Silty	352+
clay	

**Location:** 560 feet S and 1275 feet E of the NW corner of Sec. 19, T.159N., R.25W. (SE1/4 of NE1/4 of NW1/4 of NW1/4, Sec. 19, T.159N., R.25W.)

**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists of bog rosemary, grasses, cattails, speckled alder, and reeds; ground cover consists mostly of Sphagnum and feather mosses with some pitcher plant.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-167
Hemic	167-244
Fibric	244-305
Hemic	305-411
Clay	411+

**Location:** 2290 feet N and 1510 feet W of the SE corner of Sec. 19, T.159N., R.25W. (SE1/4 of NE1/4 of NE1/4 of SE1/4, Sec. 19, T.159N., R.25W.)

**Vegetation:** Scattered tamarack; understory consists of bog birch and swamp laurel with some leatherleaf, Phragmites, fern, buck bean and horsetail; ground cover consists mostly of Sphagnum mosses with some cranberry and pitcher plant.

**Microrelief:** 25 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Fibric	0- 76
Hemic	76-350
Clay	350+

**Location:** 2425 feet S and 2100 feet E of the NW corner of Sec. 22, T.159N., R.25W. (SW1/4 of SE1/4 of SE1/4 of NW1/4, Sec. 22, T.159N., R.25W.)

**Vegetation:** Scattered tamarack and black spruce; sparse understory consists of some leatherleaf, Labrador tea, swamp laurel, sedges, and cotton grass; ground cover consists of some cranberry and false Solomon's seal.

**Microrelief:** 15 cm.

**Depth To Water Table:** 10 cm.

**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Sapric	0- 91
Hemic	91-221
Clay	221+

**Location:** 565 feet S and 2225 feet W of the NE corner of Sec. 28, T.159N., R.25W. (SE1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 28, T.159N., R.25W.)

**Vegetation:** Tamarack crown cover of about 60 percent with scattered black spruce; lush understory consists mostly of Labrador tea, leatherleaf, and grasses with swamp laurel and some sedges; ground cover consists of some Sphagnum mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** Near surface.

**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Fibric	0-106
Hemic	106-167
Sapric	167-183
Silty	183+
clay	

**Location:** 25 feet N and 1125 feet E of the SW corner of Sec. 28, T.159N., R.25W. (SE1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 28, T.159N., R.25W.)

**Vegetation:** Scattered black spruce; lush understory consists mostly of bog rosemary, swamp laurel, and leatherleaf with Labrador tea and some grasses; ground cover consists of some Sphagnum mosses.

**Microrelief:** 20 cm.

**Depth To Water Table:** Near surface.

**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-122
Loam	122+

**Location:** 1725 feet N and 2540 feet W of the SE corner of Sec. 28, T.159N., R.25W. (NW1/4 of SW1/4 of NW1/4 of SE1/4, Sec. 28, T.159N., R.25W.)

**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some sedges, swamp laurel, leatherleaf, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.

**Microrelief:** 50 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Fibric	0-91
Hemic	91-96
Clay	96+

**Location:** 2200 feet S and 150 feet W of the NE corner of Sec. 5, T.63N., R.26W. (SW1/4 of NW1/4 of SE1/4 of NE1/4, Sec. 5, T.63N., R.26W.)

**Vegetation:** Scattered black spruce and paper birch; understory consists of sedges and grasses with some leatherleaf and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses.

**Microrelief:** 40 cm.

**Depth To Water Table:** At surface.

**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Hemic	0-61
Sapric	61-91
Sand	91+

**Location:** 110 feet S and 230 feet E of the NW corner of Sec. 5, T.63N., R.26W. (Gov. Lot 4, Sec. 5, T.63N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; understory consists of leatherleaf with some bog birch, bog rosemary, swamp laurel, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-122
Fibric	122-152
Hemic	152-350
Loamy sand	350+

**Location:** 100 feet S and 690 feet W of the NE corner of Sec. 9, T.63N., R.26W. (NE1/4 of NW1/4 of NE1/4 of NE1/4, Sec. 9, T.63N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; lush understory consists of leatherleaf with some bog birch, willow, sedges, grasses, swamp laurel, bog rosemary, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** 10 cm. above surface.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Hemic	0-213
Sapric	213-244
Hemic	244-366
Loam	366+

**Location:** 75 feet N and 150 feet E of the SW corner of Sec. 11, T.63N., R.26W. (SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 11, T.63N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; understory consists of some bog birch, leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Hemic	0-305
Sandy loam	305+

**Location:** 2050 feet S and 150 feet E of the NW corner of Sec. 13, T.63N., R.26W. (NW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 13, T.63N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; sparse understory consists of some Labrador tea, leatherleaf, bog rosemary, sedges, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-335
Sapric	335-366
Loamy sand	366+

**Location:** 475 feet N and 700 feet E of the SW corner of Sec. 19, T.63N., R.26W. (Gov. Lot 4, Sec. 19, T.63N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of some Labrador tea, leatherleaf, swamp laurel, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61- 91
Silty clay loam	91+

**Location:** 1200 feet S and 325 feet W of the NE corner of Sec. 23, T.63N., R.26W. (SE1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 23, T.63N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; understory consists of some bog birch, willow, leatherleaf, sedges, grasses, Labrador tea, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-427+
Bottom unknown	

**Location:** 625 feet S and 1400 feet W of the NE corner of Sec. 30, T.63N., R.26W. (SE1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 30, T.63N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered tamarack; understory consists of some Labrador tea, leatherleaf, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses and blueberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Hemic	0-122
Silty clay	122+

**Location:** 1155 feet N and 1275 feet E of the SW corner of Sec. 2, T.64N., R.26W. (NE1/4 of NE1/4 of SW1/4 of SW1/4, Sec. 2, T.64N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered paper birch; sparse understory consists of some black spruce, Labrador tea, and leatherleaf; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and snowberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** B. Sether and D. Haverkost on April 8, 1980.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-229
Silty clay	229+

**Location:** 175 feet S and 2075 feet W of the NE corner of Sec. 13, T.64N., R.26W. (NE1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 13, T.64N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; understory consists of leatherleaf with some bog birch and bog rosemary; ground cover consists of some Sphagnum and feather mosses.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Hemic	0-152
Silty clay loam	152+

**Location:** 2150 feet S and 60 feet E of the NW corner of Sec. 19, T.64N., R.26W. (Gov. Lot 2, Sec. 19, T.64N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered paper birch; sparse understory consists of Labrador tea with some speckled alder and grasses; ground cover consists mostly of Sphagnum mosses with some snowberry and bunchberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Peat	0- 30
Clay	30+
loam	

**Location:** 980 feet N and 300 feet E of the SW corner of Sec. 30, T.64N., R.26W. (Gov. Lot 4, Sec. 30, T.64N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of some leatherleaf, swamp laurel, black spruce, and grasses; ground cover consists mostly of Sphagnum mosses with some feather mosses and cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Hemic	0-183
Loam	183+

**Location:** 875 feet S and 2100 feet E of the NW corner of Sec. 31, T.64N., R.26W. (NE1/4 of SW1/4 of NE1/4 of NW1/4, Sec. 31, T.64N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some swamp laurel, bog rosemary, Labrador tea, sedges, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** 20 cm.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Hemic	0-198
Sand	198+

**Location:** 450 feet N and 200 feet W of the SE corner of Sec. 36, T.64N., R.26W. (NE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 36, T.64N., R.26W.)  
**Vegetation:** Understory consists of some sedges, grasses, bog birch, alder, willow, black spruce, and ferns; ground cover consists of some Sphagnum and other mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and B. Sether on April 11, 1980.

Layer	Depth (cm)
Hemic	0-61
Sapric	61-91
Silty	91+
clay	

**Location:** 1200 feet S and 1850 feet E of the NW corner of Sec. 2, T.65N., R.26W. (Gov. Lot 3, Sec. 2, T.65N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of Labrador tea with some speckled alder and grasses; ground cover consists mostly of mosses with some Sphagnum mosses and snowberry.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 29, 1979.

Layer	Depth (cm)
Hemic	0-30
Sapric	30-46
Sand	46+

**Location:** 2600 feet N and 2600 feet E of the SW corner of Sec. 4, T.65N., R.26W. (NE1/4 of NE1/4 of NE1/4 of SW1/4, Sec. 4, T.65N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 90 percent with scattered tamarack; understory consists of Labrador tea, leatherleaf, swamp laurel and some grasses; ground cover consists of Sphagnum mosses with some cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Below surface.  
**Described By:** R. Graber and D. Haverkost on November 30, 1979.

Layer	Depth (cm)
Hemic	0-198
Sapric	198-213
Medium sand	213+

**Location:** 2410 feet N and 150 feet E of the SW corner of Sec. 7, T.65N., R.26W. (Gov. Lot 3, Sec. 7, T.65N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of leatherleaf, Labrador tea, swamp laurel, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 46 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Hemic	0-138
Sandy clay and fine sand	138+

**Location:** 135 feet S and 2310 feet W of the NE corner of Sec. 19, T.65N., R.26W. (NW1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 19, T.65N., R.26W.)  
**Vegetation:** Scattered tamarack and black spruce; lush understory consists mostly of sedges with some cotton grass, grasses, Labrador tea, and leatherleaf; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** H. Mooers and S. Nelson on April 8, 1980.

Layer	Depth (cm)
Hemic	0-138
Loamy sand	138+

**Location:** 115 feet N and 2410 feet E of the SW corner of Sec. 29, T.65N., R.26W. (SE1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 29, T.65N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of leatherleaf with some grasses, alder, poplar, tamarack, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Sether and D. Haverkost on April 8, 1980.

Layer	Depth (cm)
Hemic	0-30
Sapric	30-61
Medium sand	61+

**Location:** 270 feet N and 310 feet E of the SW corner of Sec. 30, T.65N., R.26W. (Gov. Lot 4, Sec. 30, T.65N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of leatherleaf with some grasses, cotton grass, willow, Labrador tea, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some feather mosses.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Sether and D. Haverkost on April 8, 1980.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-244
Sandy clay loam	244+

**Location:** 2575 feet N and 140 feet E of the SW corner of Sec. 5, T.66N., R.26W. (NW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 5, T.66N., R.26W.)  
**Vegetation:** Northern white cedar crown cover of about 75 percent; sparse understory consists of some grasses, bog birch, Labrador tea, and ferns.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 29, 1979.

Layer	Depth (cm)
Hemic Clay	0- 61 61+

**Location:** 100 feet S and 2580 feet W of the NE corner of Sec. 12, T.66N., R.26W. (NW1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 12, T.66N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 65 percent with scattered tamarack; sparse understory consists of speckled alder, bog birch and Labrador tea with some grasses; ground cover consists of some Sphagnum mosses.  
**Microrelief:** 8 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 29, 1979

Layer	Depth (cm)
Hemic Sandy clay	0-183 183+

**Location:** 2275 feet N and 1150 feet E of the SW corner of Sec. 33, T.65N., R.26W. (NE1/4 of NE1/4 of NW1/4 of SW1/4, Sec. 33, T.65N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; understory consists of leatherleaf with some black spruce, Labrador tea, and grasses; ground cover consists mostly of Sphagnum mosses with some feather mosses, cranberry, and bilberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 8 cm.  
**Described By:** H. Mooers and S. Nelson on April 8, 1980.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-107
Loam	107+

**Location:** 75 feet N and 1225 feet E of the SW corner of Sec. 8, T.66N., R.26W. (SE1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 8, T.66N., R.26W.)  
**Vegetation:** Tamarack crown cover of about 85 percent with scattered black spruce and northern white cedar; understory consists of Labrador tea, leatherleaf, black ash, bog rosemary and grasses with some speckled alder and willow; ground cover consists of some Sphagnum and other mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 27, 1979.

Layer	Depth (cm)
Hemic Sandy clay	0-168 168+

**Location:** 1550 feet S and 145 feet W of the NE corner of Sec. 14, T.66N., R.26W. (NE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 14, T.66N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges with some bog birch and bog rosemary; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 8 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 29, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-305
Clay	305+

**Location:** 175 feet N and 230 feet W of the SE corner of Sec. 4, T.66N., R.26W. (SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 4, T.66N., R.26W.)  
**Vegetation:** Tamarack crown cover of about 30 percent; lush understory consists mostly of bog birch and grasses with leatherleaf and bog rosemary.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 29, 1979.

Layer	Depth (cm)
Hemic Silt over sandy clay	0-548 548+

**Location:** 700 feet S and 1560 feet E of the NW corner Sec. 11, T.66N., R.26W. (NW1/4 of SW1/4 of NE1/4 of NW1/4, Sec. 11, T.66N., R.26W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of sedges with some leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and P. Guertin on November 29, 1979.

Layer	Depth (cm)
Fibric Hemic Sandy clay	0-152 152-274 274+

**Location:** 175 feet S and 310 feet W of the NE corner of Sec. 16, T.66N., R.26W. (NW1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 16, T.66N., R.26W.)  
**Vegetation:** Scattered black spruce, paper birch, and tamarack; sparse understory consists of grasses, speckled alder, Labrador tea, and leatherleaf; ground cover consists mostly of mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** 15 cm. above surface.  
**Described By:** R. Graber and D. Haverkost on November 29, 1979.

Layer	Depth (cm)
Hemic Sapric Medium to fine sand	0-335 335-366 366+

**Location:** 2000 feet S and 1040 feet W of the NE corner of Sec. 35, T.66N., R.26W. (SW1/4 of NW1/4 of SE1/4 of NE1/4, Sec. 35, T.66N., R.26W.)  
**Vegetation:** Scattered black spruce and paper birch; sparse understory consists of Labrador tea, leatherleaf, speckled alder, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Graber and D. Haverkost on November 29, 1979.

Layer	Depth (cm)
Hemic	0-107
Mineral soil	107+

**Location:** 575 feet N and 810 feet E of the SW corner of Sec. 3, T.67N., R.26W. (NW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 3, T.67N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 90 percent; sparse understory consists of some grasses and leatherleaf; ground cover consists mostly of Sphagnum mosses with some cranberry and other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 18, 1977.

Layer	Depth (cm)
Hemic	0-178
Clay loam	178+

**Location:** 2050 feet S and 450 feet W of the NE corner of Sec. 4, T.67N., R.26W. (SW1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 4, T.67N., R.26W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 18, 1977.

Layer	Depth (cm)
Fibric	0- 50
Hemic	50-115
Clay loam	115+

**Location:** 700 feet S and 1115 feet W of the NE corner of Sec. 4, T.67N., R.26W. (Gov. Lot 1, Sec. 4, T.67N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; sparse understory consists of some Labrador tea and sedges; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 18, 1977.

Layer	Depth (cm)
Fibric	0-15
Hemic	15-30
Sapric	30-32
Clay loam	32+

**Location:** 2075 feet S and 250 feet E of the NW corner of Sec. 13, T.67N., R.26W. (NW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 13, T.67N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of sedges with some leatherleaf, cranberry, bog rosemary, and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 20, 1977.

Layer	Depth (cm)
Fibric	0- 17
Hemic	17-269
Sand	269+

**Location:** 2125 feet N and 490 feet W of the SE corner of Sec. 13, T.67N., R.26W. (SW1/4 of NE1/4 of NE1/4 of SE1/4, Sec. 13, T.67N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of leatherleaf and sedges with some bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 27, 1977.

Layer	Depth (cm)
Fibric	0- 25
Hemic	25-254
Sand	254+

**Location:** 2060 feet S and 1550 feet W of the NE corner of Sec. 14, T.67N., R.26W. (NE1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 14, T.67N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists mostly of grasses with some swamp laurel and leatherleaf; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 19, 1977.

Layer	Depth (cm)
Peat	0-411
Mineral soil	411+

**Location:** 1800 feet S and 610 feet E of the NW corner of Sec. 14, T.67N., R.26W. (SE1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 14, T.67N., R.26W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of sedges with some leatherleaf, Labrador tea, bog rosemary, and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 20, 1977.

Layer	Depth (cm)
Fibric	0- 47
Hemic	47-371
Sapric	371-418
Sand	418+

**Location:** 2200 feet N and 2150 feet E of the SW corner of Sec. 14, T.67N., R.26W. (SW1/4 of NE1/4 of NE1/4 of SW1/4, Sec. 14, T.67N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists mostly of sedges with some Labrador tea, bog rosemary, swamp laurel, and leatherleaf; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 20, 1977.

Layer	Depth (cm)
Fibric	0- 39
Hemic	39-365
Loamy sand	365+

**Location:** 90 feet N and 675 feet E of the SW corner of Sec. 14, T.67N., R.26W. (SW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 14, T.67N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some sedges, swamp laurel, bog rosemary, and leatherleaf; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 20, 1977.

Layer	Depth (cm)
Fibric	0- 18
Hemic	18-269
Silty clay	269+

**Location:** 2200 feet N and 2100 feet W of the SE corner of Sec. 14, T.67N., R.26W. (SE1/4 of NW1/4 of NW1/4 of SE1/4, Sec. 14, T.67N., R.26W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of sedges with some leatherleaf, Labrador tea, bog rosemary, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 20, 1977.

Layer	Depth (cm)
Fibric	0- 24
Hemic	24-316
Loamy sand	316-322
Silty clay	322+

**Location:** 2240 feet N and 1670 feet W of the SE corner of Sec. 15, T.67N., R.26W. (SW1/4 of NE1/4 of NW1/4 of SE1/4, Sec. 15, T.67N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; understory consists of sedges and leatherleaf with some bog rosemary and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 20, 1977.

Layer	Depth (cm)
Fibric	0- 37
Hemic	37-370
Mineral soil	370+

**Location:** 800 feet N and 1680 feet W of the SE corner of Sec. 15, T.67N., R.26W. (SE1/4 of NE1/4 of SW1/4 of SE1/4, Sec. 15, T.67N., R.26W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some leatherleaf, sedges, bog rosemary, Labrador tea, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 20, 1977.

Layer	Depth (cm)
Fibric	0- 27
Hemic	27-274
Loamy sand	274+

**Location:** 775 feet N and 680 feet W of the SE corner of Sec. 15, T.67N., R.26W. (SE1/4 of NW1/4 of SE1/4 of SE1/4, Sec. 15, T.67N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 45 percent; sparse understory consists of some sedges, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 20, 1977.

Layer	Depth (cm)
Fibric	0- 22
Hemic	22- 79
Fibric	79-100
Hemic	100-333
Loamy sand	333+

**Location:** 625 feet N and 575 feet E of the SW corner of Sec. 17, T.67N., R.26W. (NE1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 17, T.67N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; understory consists of Labrador tea with some leatherleaf, sedges, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry, false Solomon's seal, and reindeer moss.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Wakanabo on October 19, 1977.

Layer	Depth (cm)
Hemic	0-130
Sandy clay loam	130+

**Location:** 650 feet N and 1440 feet W of the SE corner of Sec. 18, T.67N., R.26W. (SE1/4 of NE1/4 of SW1/4 of SE1/4, Sec. 18, T.67N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; understory consists of leatherleaf with some sedges, bog rosemary, swamp laurel, and bog birch; ground cover consists mostly of Sphagnum mosses with cranberry and some reindeer moss.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Wakanabo on October 19, 1977.

Layer	Depth (cm)
Hemic	0-140
Loamy sand	140+

**Location:** 675 feet N and 430 feet W of the SE corner of Sec. 18, T.67N., R.26W. (SW1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 18, T.67N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 95 percent; understory consists of some bog rosemary, leatherleaf, bog birch, and sedges; ground cover consists mostly of Sphagnum mosses with some cranberry and reindeer moss.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Wakanabo on October 19, 1977.

Layer	Depth (cm)
Hemic	0-130
Clay loam	130+

**Location:** 660 feet S and 1950 feet W of the NE corner of Sec. 19, T.67N., R.26W. (SW1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 19, T.67N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 80 percent; understory consists of leatherleaf with some bog rosemary, swamp laurel, bog birch, and sedges; ground cover consists mostly of Sphagnum mosses with cranberry and other mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Wakanabo on October 19, 1977.

Layer	Depth (cm)
Hemic	0-170
Limnic	170-200
Mineral soil	200+

**Location:** 675 feet S and 2225 feet W of the NE corner of Sec. 19, T.67N., R.26W. (SE1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 19, T.67N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 95 percent; understory consists of Labrador tea with some leatherleaf, sedges, and bog rosemary; ground cover consists mostly of Sphagnum mosses with cranberry.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** R. Wakanabo on October 19, 1977

Layer	Depth (cm)
Hemic	0-50
Sand	50+

**Location:** 2500 feet N and 2360 feet W of the SE corner of Sec. 23, T.67N., R.26W. (NW1/4 of NW1/4 of NW1/4 of SE1/4, Sec. 23, T.67N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 50 percent with scattered tamarack; lush understory consists mostly of leatherleaf and sedges with some Labrador tea, swamp laurel, bog rosemary, and grasses; ground cover consists of false Solomon's seal and Sphagnum mosses with some other mosses.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on October 26, 1977.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-210
Sand	210+

**Location:** 2050 feet S and 875 feet E of the NW corner of Sec. 8, T.68N., R.26W. (NW1/4 of SE1/4 of SW1/4 of NW1/4, Sec. 8, T.68N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of Labrador tea with some swamp laurel, sedges, and balsam fir; ground cover consists of some cranberry, snowberry, lingen berry, and blueberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** N. Aaseng and D. Olson on November 15, 1979.

Layer	Depth (cm)
Hemic	0-229
Clay loam	229+

**Location:** 625 feet S and 1110 feet E of the NW corner of Sec. 21, T.67N., R.26W. (SE1/4 of NE1/4 of NW1/4 of NW1/4, Sec. 21 T.67N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of sedges with some leatherleaf and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 26, 1977.

Layer	Depth (cm)
Fibric	0- 29
Hemic	29-309
Sand	309-321
Silty clay	321+

**Location:** 1425 feet N and 50 feet W of the SE corner of Sec. 32, T.67N., R.26W. (SE1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 32, T.67N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of speckled alder with some leatherleaf, cotton grass, ferns, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson on October 25, 1977.

Layer	Depth (cm)
Hemic	0-210
Silty clay	210+

**Location:** 1820 feet S and 80 feet W of the NE corner of Sec. 10, T.68N., R.26W. (SE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 10, T.68N., R.26W.)  
**Vegetation:** Scattered northern white cedar, tamarack, and black spruce; understory consists of bog birch, Labrador tea and leatherleaf with some dogwood and grasses; ground cover consists mostly of Sphagnum mosses with some pitcher plant.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Hemic	0-138
Sapric	138-152
Silty clay	152+

**Location:** 25 feet N and 2010 feet E of the SW corner of Sec. 22, T.67N., R.26W. (SW1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 22, T.67N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 95 percent; understory consists of some leatherleaf, bog rosemary, swamp laurel, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer on October 27, 1977.

Layer	Depth (cm)
Fibric	0- 45
Hemic	45-410
Sand	410+

**Location:** 2440 feet N and 1975 feet W of the SE corner of Sec. 2, T.68N., R.26W. (NE1/4 of NW1/4 of NW1/4 of SE1/4, Sec. 2, T.68N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of leatherleaf, Labrador tea, swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, lingen berry, and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** N. Aaseng and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-305
Silty clay	305+

**Location:** 2100 feet S and 1775 feet E of the NW corner of Sec. 14, T.68N., R.26W. (NE1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 14, T.68N., R.26W.)  
**Vegetation:** Scattered black spruce, northern white cedar and tamarack, lush understory consists of bog birch, dogwood, Labrador tea, leatherleaf, sedges, ferns, aster, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses and false Solomon's seal.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** N. Aaseng and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Hemic	0-274
Sapric	274-290
Silty clay and very fine sand	290+

**Location:** 775 feet S and 2350 feet W of the NE corner of Sec. 18, T.68N., R.26W. (NW1/4 of SW1/4 of NW1/4 of NE1/4, Sec. 18, T.68N., R.26W.)  
**Vegetation:** Scattered black spruce, tamarack, and paper birch; sparse understory consists of some Labrador tea and grasses; ground cover consists mostly of feather mosses with some Sphagnum mosses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Hemic	0-91
Silty clay	91+

**Location:** 1625 feet N and 1700 feet W of the SE corner of Sec. 28, T.68N., R.26W. (SW1/4 of SW1/4 of NE1/4 of SE1/4, Sec. 28, T.68N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; understory consists of Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 19, 1977.

Layer	Depth (cm)
Fibric	0- 7
Hemic	7- 65
Sapric	65-118
Sandy loam	118+

**Location:** 1205 feet N and 1725 feet W of the SE corner of Sec. 28, T.68N., R.26W. (NW1/4 of NE1/4 of SW1/4 of SE1/4, Sec. 28, T.68N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of some Labrador tea; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 19, 1977.

Layer	Depth (cm)
Fibric	0- 10
Hemic	10-215
Sandy clay loam	215+

**Location:** 10 feet N and 2225 feet W of the SE corner of Sec. 29, T.68N., R.26W. (SE1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 29, T.68N., R.26W.)  
**Vegetation:** Logged area with some Labrador tea, grasses, and cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** 2 cm.  
**Described By:** D. Mellem on October 19, 1977.

Layer	Depth (cm)
Fibric	0- 8
Hemic	8-101
Silt loam	101+

**Location:** 10 feet N and 1200 feet W of the SE corner of Sec. 29, T.68N., R.26W. (SW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 29, T.68N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists mostly of Labrador tea with some sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 19, 1977.

Layer	Depth (cm)
Fibric	0- 10
Hemic	10-130
Silty clay loam	130+

**Location:** 2220 feet S and 1025 feet E of the NW corner of Sec. 30, T.68N., R.26W. (Gov. Lot 2, Sec. 30, T.68N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 80 percent; understory consists of some Labrador tea and leatherleaf; ground cover consists mostly of Sphagnum mosses with some other mosses and snowberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and P. Guertin on November 29, 1979.

Layer	Depth (cm)
Hemic Clay	0-107 107+

**Location:** 990 feet S and 2230 feet W of the NE corner of Sec. 32, T.68N., R.26W. (NE1/4 of SW1/4 of NW1/4 of NE1/4, Sec. 32, T.68N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 90 percent; sparse understory consists of some Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 19, 1977.

Layer	Depth (cm)
Fibric	0-10
Hemic	10-60
Silty clay loam	60+

**Location:** 10 feet N and 675 feet W of the SE corner of Sec. 32, T.68N., R.26W. (SE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 32, T.68N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists mostly of sedges with Labrador tea and some leatherleaf, cotton grass, and grasses; ground cover consists of Sphagnum mosses with some cranberry, false Solomon's seal, and other mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** D. Olson and B. Wakanabo on October 5, 1977.

Layer	Depth (cm)
Peat	0-79
Mineral soil	79+

**Location:** 1250 feet S and 2300 feet E of the NW corner of Sec. 33, T.68N., R.26W. (SW1/4 of SE1/4 of NE1/4 of NW1/4, Sec. 33, T.68N., R.26W.)  
**Vegetation:** Not recorded.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson on October 18, 1977.

Layer	Depth (cm)
Fibric	0- 10
Hemic	10-120
Coarse sand	120-125
Clay loam	125+



**Location:** 30 feet N and 50 feet E of the SW corner of Sec. 33, T.68N., R.26W. (SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 33, T.68N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 90 percent; lush understory consists of grasses, Labrador tea, and leatherleaf with some cotton grass and sedges; ground cover consists of false Solomon's seal and Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and B. Wakanabo on October 5, 1977.

Layer	Depth (cm)
Peat	0-76
Mineral soil	76+

**Location:** 10 feet N and 1010 feet E of the SW corner of Sec.33, T.68N., R.26W. (SW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 33, T.68N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 55 percent with scattered tamarack; lush understory consists mostly of cotton grass with Labrador tea, sedges and some bog rosemary and grasses; ground cover consists of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and B. Wakanabo on October 5, 1977.

Layer	Depth (cm)
Peat	0-114
Mineral soil	114+

**Location:** 2550 feet N and 2505 feet W of the SE corner of Sec. 33, T.68N., R.26W. (NW1/4 of NW1/4 of NW1/4 of SE1/4, Sec. 33, T.68N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists mostly of leatherleaf with some Labrador tea, sedges, grasses, bog rosemary, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on October 18, 1977.

Layer	Depth (cm)
Fibric	0- 40
Hemic	40-190
Sapric	190-195
Sandy loam	195+

**Location:** 1900 feet N and 2250 feet W of the SE corner of Sec. 33, T.68N., R.26W. (NE1/4 of SW1/4 of NW1/4 of SE1/4, Sec. 33, T.68N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 95 percent; understory consists of some Labrador tea, leatherleaf, swamp laurel, bog rosemary, sedges and grasses; ground cover consists mostly of false Solomon's seal with some Sphagnum and feather mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer on October 18, 1977.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-330
Sapric	330-345
Limnic	345-355
Loamy sand	355+

**Location:** 20 feet N and 1510 feet W of the SE corner of Sec. 33., T.68N., R.26W. (SE1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 33, T.68N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists of leatherleaf with some Labrador tea, bog rosemary, and sedges; ground cover consists of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer on October 18, 1977.

Layer	Depth (cm)
Fibric	0- 25
Hemic	25-100
Clay loam	100+

**Location:** 2300 feet S and 725 feet W of the NE corner of Sec. 34, T.68N., R.26W. (NE1/4 of SW1/4 of SE1/4 of NE1/4, Sec. 34, T.68N., R.26W.)  
**Vegetation:** Northern white cedar crown cover of about 40 percent with a black spruce crown cover of about 35 percent and scattered tamarack; lush understory consists of Labrador tea and cotton grass with some leatherleaf, swamp laurel, bog rosemary, and grasses; ground cover consists of cranberry with some Sphagnum and other mosses.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** B. Wakanabo on October 5, 1977.

Layer	Depth (cm)
Peat	0-335
Sandy clay loam with pebbles	335+

**Location:** 10 feet N and 2500 feet W of the SE corner of Sec. 34, T.68N., R.26W. (SW1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 34, T.68N., R.26W.)  
**Vegetation:** Tamarack crown cover of about 40 percent with a black spruce crown cover of about 30 percent; lush understory consists mostly of leatherleaf with grasses, bog rosemary, and some Labrador tea, swamp laurel, sedges, and cotton grass; ground cover consists of cranberry and Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and B. Wakanabo on October 5, 1977.

Layer	Depth (cm)
Peat	0-189
Clay with pebbles	189+

**Location:** 15 feet N and 675 feet E of the SW corner of Sec. 35, T.68N., R.26W. (SW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 35, T.68N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 90 percent; understory consists of grasses with some Labrador tea, swamp laurel, bog rosemary, and cotton grass; ground cover consists of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** B. Wakanabo on October 5, 1977.

Layer	Depth (cm)
Peat	0-330
Mineral soil	330+

**Location:** 1000 feet N and 1600 feet W of the SE corner of Sec. 2, T.69N., R.26W. (NE1/4 of NE1/4 of SW1/4 of SE1/4, Sec. 2, T.69N., R.26W.)  
**Vegetation:** Scattered black spruce and jack pine; lush understory consists mostly of sedges with some Labrador tea, leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** N. Aaseng and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Hemic	0-290
Silty clay	290+

**Location:** 1675 feet S and 175 feet E of the NW corner of Sec. 3, T.69N., R.26W. (SW1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 3, T.69N., R.26W.)

**Vegetation:** Black spruce and tamarack crown cover of about 35 percent; lush understory consists mostly of Labrador tea, swamp laurel, and leatherleaf with some grasses; ground cover consists mostly of cranberry and feather mosses with some Sphagnum mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** Near surface.

**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Hemic	0-213
Silty clay	213+

**Location:** 1350 feet N and 1590 feet E of the SW corner of Sec. 9, T.69N., R.26W. (SW1/4 of SW1/4 of NE1/4 of SW1/4, Sec. 9, T.69N., R.26W.)

**Vegetation:** Black spruce crown cover of about 65 percent with a tamarack crown cover of about 30 percent; lush understory consists mostly of Labrador tea and leatherleaf with grasses; ground cover consists mostly of cranberry with false Solomon's seal.

**Microrelief:** 25 cm.

**Depth To Water Table:** At surface.

**Described By:** B. Wakanabo on September 26, 1977.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-148
Silty clay with calcareous pebbles	148+

**Location:** 2255 feet S and 125 feet W of the NE corner of Sec. 14, T.69N., R.26W. (NE1/4 of SE1/4 of SE1/4 of NE1/4, Sec. 14, T.69N., R.26W.)

**Vegetation:** Scattered black spruce; lush understory consists mostly of sedges with some swamp laurel and Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Hemic	0-198
Sapric	198-213
Clay	213+

**Location:** 2430 feet S and 1850 feet E of the NW corner of Sec. 3, T.69N., R.26W. (SE1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 3, T.69N., R.26W.)

**Vegetation:** Scattered tamarack and black spruce; understory consists of leatherleaf, cotton grass, Labrador tea, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.

**Microrelief:** 30 cm.

**Depth To Water Table:** 40 cm.

**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Hemic	0-213
Sapric	213-229
Clay	229+

**Location:** 400 feet S and 1975 feet W of the NE corner of Sec. 10, T.69N., R.26W. (SW1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 10, T.69N., R.26W.)

**Vegetation:** Understory consists mostly of sedges and cotton grass with some swamp laurel, Labrador tea, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.

**Microrelief:** 10 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Hemic	0-290
Silty clay	290+

**Location:** 725 feet S and 1700 feet W of the NE corner of Sec. 15, T.69N., R.26W. (NW1/4 of SE1/4 of NW1/4 of NE1/4, Sec. 15, T.69N., R.26W.)

**Vegetation:** Scattered black spruce and tamarack; understory consists of leatherleaf with some Labrador tea and swamp laurel; ground cover consists mostly of Sphagnum mosses and false Solomon's seal with cranberry.

**Microrelief:** 35 cm.

**Depth To Water Table:** At surface.

**Described By:** B. Wakanabo on September 26, 1977.

Layer	Depth (cm)
Peat	0-234
Sandy clay loam	234+

**Location:** 2605 feet S and 700 feet E of the NW corner of Sec. 6, T.69N., R.26W. (Gov. Lot 5, Sec. 6, T.69N., R.26W.)

**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of poplar, sedges, leatherleaf, grasses, and horsetail; ground cover consists mostly of Sphagnum mosses with some cranberry.

**Microrelief:** 15 cm.

**Depth To Water Table:** 10 cm. above surface.

**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-122
Medium sand	122+

**Location:** 650 feet N and 1510 feet W of the SE corner of Sec. 11, T.69N., R.26W. (SE1/4 of NE1/4 of SW1/4 of SE1/4, Sec. 11, T.69N., R.26W.)

**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges with some swamp laurel, Labrador tea, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses.

**Microrelief:** 25 cm.

**Depth To Water Table:** At surface.

**Described By:** N. Aaseng and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-198
Silty clay	198+

**Location:** 2500 feet S and 1550 feet W of the NE corner of Sec. 15, T.69N., R.26W. (SE1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 15, T.69N., R.26W.)

**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of Labrador tea with some leatherleaf and grasses; ground cover consists mostly of Sphagnum mosses with cranberry and some false Solomon's seal and other mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** B. Wakanabo on September 26, 1977.

Layer	Depth (cm)
Peat	0-125
Sandy clay loam	125+

**Location:** 10 feet S and 2580 feet E of the NW corner of Sec. 15, T.69N., R.26W. (NE1/4 of NE1/4 of NE1/4 of NW1/4, Sec. 15, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 50 percent with scattered tamarack; lush understory consists mostly of leatherleaf with Labrador tea, grasses, and some swamp laurel; ground cover consists mostly of Sphagnum mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on September 26, 1977.

Layer	Depth (cm)
Peat	0-230
Mineral soil	230+

**Location:** 2590 feet N and 1400 feet W of the SE corner of Sec. 15, T.69N., R.26W. (NE1/4 of NE1/4 of NW1/4 of SE1/4, Sec. 15, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; understory consists of Labrador tea with swamp laurel; ground cover consists of cranberry, Sphagnum mosses, and other mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on September 26, 1977.

Layer	Depth (cm)
Peat	0-119
Sandy clay loam	119+

**Location:** 10 feet S and 2215 feet W of the NE corner of Sec. 16, T.69N., R.26W. (NE1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 16, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with a tamarack crown cover of about 35 percent; lush understory consists mostly of leatherleaf and grasses with some swamp laurel; ground cover consists mostly of cranberry and Sphagnum mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on September 26, 1977.

Layer	Depth (cm)
Peat	0-231
Silt	231+

**Location:** 1725 feet E and 10 feet S of the NW corner of Sec. 16, T.69N., R.26W. (NE1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 16, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; lush understory consists mostly of Labrador tea and leatherleaf with some grasses; ground cover consists of Sphagnum mosses and cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on September 26, 1977.

Layer	Depth (cm)
Hemic Sandy clay loam	0-55 55+

**Location:** 20 feet N and 1875 feet W of the SE corner of Sec. 16, T.69N., R.26W. (SW1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 16, T.69N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists mostly of cotton grass with some sedges, Labrador tea, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** N. Aaseng and D. Olson on November 15, 1979.

Layer	Depth (cm)
Fibric Hemic Clay	0-152 152-381 381+

**Location:** 810 feet S and 1600 feet W of the NE corner of Sec. 17, T.69N., R.26W. (NW1/4 of SE1/4 of NW1/4 of NE1/4, Sec. 17, T.69N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and snowberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Fibric Hemic Silty clay	0-122 122-152 152+

**Location:** 1575 feet S and 1860 feet E of the NW corner of Sec. 19, T.69N., R.26W. (NE1/4 of NW1/4 of SE1/4 of NW1/4, Sec. 19, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 90 percent; understory consists mostly of Labrador tea with some leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** 25 cm.  
**Described By:** D. Olson on August 23, 1977.

Layer	Depth (cm)
Hemic Clay	0-100 100+

**Location:** 1590 feet S and 675 feet E of the NW corner of Sec. 19, T.69N., R.26W. (Gov. Lot 2, Sec. 19, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 95 percent; lush understory consists mostly of leatherleaf and Labrador tea; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** 25 cm.  
**Described By:** D. Olson on August 23, 1977.

Layer	Depth (cm)
Fibric Hemic Silty clay	0- 60 60-223 223+

**Location:** 2275 feet S and 125 feet E of the NW corner of Sec. 22, T.69N., R.26W. (NW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 22, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 90 percent with scattered tamarack; lush understory consists mostly of grasses with leatherleaf and some Labrador tea and bog rosemary; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on September 28, 1977.

Layer	Depth (cm)
Peat Sandy clay loam	0-270 270+

**Location:** 1040 feet N and 200 feet E of the SW corner of Sec. 22, T.69N., R.26W. (NW1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 22, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists mostly of leatherleaf and grasses with Labrador tea and some bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry and other mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on September 28, 1977.

Layer	Depth (cm)
Peat	0-297
Clay	297+

**Location:** 25 feet N and 250 feet E of the SW corner of Sec. 22, T.69N., R.26W. (SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 22, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists of leatherleaf and swamp laurel with some bog rosemary, grasses, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface  
**Described By:** B. Wakanabo on September 28, 1977.

Layer	Depth (cm)
Peat	0-270
Clay	270+

**Location:** 2450 feet S and 2225 feet E of the NW corner of Sec. 23, T.69N., R26W. (SW1/4 of SE1/4 of SE1/4 of NW1/4, Sec. 23, T.69N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists of sedges with some leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Fibric	0-138
Hemic	138-229
Loam	229+

**Location:** 1375 feet S and 1175 feet E of the NW corner of Sec. 24, T.69N., R.26W. (SE1/4 of SE1/4 of NW1/4 of NW1/4, Sec. 24, T.69N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of cotton grass and Labrador tea with some leatherleaf, sedges, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** N. Aaseng and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Hemic	0- 91
Sapric	91-138
Silty clay	138+

**Location:** 1950 feet S and 1840 feet W of the NE corner of Sec. 25, T.69N., R.26W. (SW1/4 of NE1/4 of SW1/4 of NE1/4, Sec. 25, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 45 percent; understory consists of Labrador tea and grasses with some speckled alder; ground cover consists mostly of Sphagnum mosses with some cranberry and other mosses.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson on October 3, 1977.

Layer	Depth (cm)
Hemic	0-31
Silty clay	31+

**Location:** 1060 feet S and 525 feet E of the NW corner of Sec. 25, T.69N., R.26W. (SE1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 25, T.69N., R.26W.)  
**Vegetation:** Understory consists of black spruce and leatherleaf with some tamarack, swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of false Solomon's seal with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Wakanabo on October 3, 1977.

Layer	Depth (cm)
Peat	0-230
Silty clay	230+

**Location:** 1650 feet S and 2425 feet E of the NW corner of Sec. 25, T.69N., R.26W. (NE1/4 of NE1/4 of SE1/4 of NW1/4, Sec. 25, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; lush understory consists mostly of Labrador tea and leatherleaf; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** At surface  
**Described By:** D. Olson on October 3, 1977.

Layer	Depth (cm)
Sapric	0-123
Mineral soil	123+

**Location:** 1430 feet S and 1450 feet E of the NW corner of Sec. 25, T.69N., R.26W. (NW1/4 of NW1/4 of SE1/4 of NW1/4, Sec. 25, T.69N., R.26W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of leatherleaf with some grasses; ground cover consists of some cranberry and false Solomon's seal.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson on October 3, 1977.

Layer	Depth (cm)
Sapric	0-137
Mineral soil	137+

**Location:** 675 feet S and 250 feet W of the NE corner of Sec. 26, T.69N., R.26W. (SE1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 26, T.69N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of Labrador tea and leatherleaf with some swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on October 3, 1977.

Layer	Depth (cm)
Peat	0-300
Silt	300+

**Location:** 675 feet S and 1210 feet W of the NE corner of Sec. 26, T.69N., R.26W.  
(SW1/4 of NW1/4 of NE1/4 of NE1/4, Sec. 26, T.69N., R.26W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** B. Wakanabo on October 3, 1977.

Layer	Depth (cm)
Hemic Silt	0-266 266+

**Location:** 650 feet N and 900 feet W of the SE corner of Sec. 26, T.69N., R.26W.  
(NE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 26, T.69N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of Labrador tea, leatherleaf, and swamp laurel with grasses; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on September 27, 1977.

Layer	Depth (cm)
Peat Sandy clay loam	0-158 158+

**Location:** 1950 feet S and 300 feet E of the NW corner of Sec. 27, T.69N., R.26W.  
(SW1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 27, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered tamarack; lush understory consists of grasses and leatherleaf with Labrador tea, swamp laurel, bog rosemary, and some sedges; ground cover consists mostly of Sphagnum mosses with some pitcher plant.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on September 28, 1977.

Layer	Depth (cm)
Peat Clay	0-238 238+

**Location:** 675 feet S and 2200 feet W the NE corner of Sec. 26, T.69N., R.26W.  
(SE1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 26, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 50 percent with scattered tamarack; understory consists of grasses with some leatherleaf, Labrador tea, swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on October 3, 1977.

Layer	Depth (cm)
Peat Silt	0-312 312+

**Location:** 1975 feet S and 1960 feet W of the NE corner of Sec. 27, T.69N., R.26W.  
(SW1/4 of NE1/4 of SW1/4 of NE1/4, Sec. 27, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered tamarack; lush understory consists mostly of leatherleaf with Labrador tea, swamp laurel, and some grasses; ground cover consists mostly of Sphagnum mosses with some cranberry and other mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on September 28, 1977.

Layer	Depth (cm)
Peat Clay	0-347 347+

**Location:** 2025 feet N and 975 feet E of the SW corner of Sec. 27, T.69N., R.26W.  
(SE1/4 of NE1/4 of NW1/4 of SW1/4, Sec. 27, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 30 percent with scattered tamarack; understory consists of grasses and leatherleaf with Labrador tea and some swamp laurel and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry and other mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on October 27, 1977.

Layer	Depth (cm)
Peat Silty clay	0-283 283+

**Location:** 1975 feet N and 875 feet E of the SW corner of Sec. 26, T.69N., R.26W.  
(SW1/4 of NE1/4 of NW1/4 of SW1/4, Sec. 26, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered tamarack; lush understory consists mostly of leatherleaf with Labrador tea, grasses, and some swamp laurel and bog rosemary; ground cover consists mostly of Sphagnum mosses with cranberry, and some other mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** B. Wakanabo on September 27, 1977.

Layer	Depth (cm)
Peat Silt	0-340 340+

**Location:** 1010 feet S and 255 feet E of the NW corner of Sec. 27, T.69N., R.26W.  
(NW1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 27, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered tamarack; lush understory consists of Labrador tea, leatherleaf, and grasses with some cotton grass, swamp laurel, and bog rosemary; ground cover consists of Sphagnum mosses with some cranberry and other mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on September 28, 1977.

Layer	Depth (cm)
Peat Sandy clay loam	0-267 267+

**Location:** 2050 feet N and 20 feet E of the SW corner of Sec. 27, T.69N., R.26W.  
(SW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 27, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 75 percent; lush understory consists of Labrador tea and leatherleaf with swamp laurel and grasses; ground cover consists of Sphagnum mosses with some cranberry and other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on September 27, 1977.

Layer	Depth (cm)
Peat Silty clay	0-230 230+

**Location:** 675 feet N and 2120 feet E of the SW corner of Sec. 27, T.69N., R.26W. (SW1/4 of NE1/4 of SE1/4 of SW1/4, Sec. 27, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 50 percent; lush understory consists mostly of Labrador tea with swamp laurel and grasses; ground cover consists mostly of Sphagnum mosses and cranberry with some false Solomon's seal and other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on September 27, 1977.

Layer	Depth (cm)
Hemic Clay	0-79 79+

**Location:** 1990 feet N and 140 feet W of the SE corner of Sec. 27, T.69N., R.26W. (SE1/4 of NE1/4 of NE1/4 of SE1/4, Sec. 27, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 50 percent; lush understory consists of Labrador tea and leatherleaf with some swamp laurel, grasses, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** B. Wakanabo on September 27, 1977.

Layer	Depth (cm)
Peat Silty clay	0-358 358+

**Location:** 2060 feet N and 1010 feet W of the SE corner of Sec. 28, T.69N., R.26W. (SW1/4 of NW1/4 of NE1/4 of SE1/4, Sec. 28, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 75 percent with scattered tamarack; lush understory consists mostly of Labrador tea with bog rosemary and some leatherleaf and swamp laurel; ground cover consists of snowberry with some cranberry and mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Wakanabo on September 27, 1977.

Layer	Depth (cm)
Peat Silty clay	0-130 130+

**Location:** 450 feet S and 20 feet E of the NW corner of Sec. 34, T.69N., R.26W. (SE1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 34, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 50 percent with scattered tamarack; lush understory consists mostly of Labrador tea with some swamp laurel and sedges; ground cover consists mostly of Sphagnum mosses with other mosses and some cranberry.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson on October 4, 1977.

Layer	Depth (cm)
Hemic Silty clay	0-152 152+

**Location:** 1800 feet S and 310 feet W of the NE corner of Sec. 34, T.69N., R.26W. (SE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 34, T.69N., R.26W.)  
**Vegetation:** Scattered tamarack and black spruce; lush understory consists of Labrador tea and leatherleaf with some sedges; ground cover consists of some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson on October 4, 1977.

Layer	Depth (cm)
Hemic Mineral soil	0-131 131+

**Location:** 20 feet N and 20 feet E of the SW corner of Sec. 34, T.69N., R.26W. (SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 34, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 75 percent; understory consists of Labrador tea with some leatherleaf, swamp laurel, cotton grass, and bog rosemary; ground cover consists of Sphagnum mosses with some cranberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** R. Wakanabo on October 4, 1977.

Layer	Depth (cm)
Peat Silt	0-112 112+

**Location:** 20 feet N and 690 feet E of the SW corner of Sec. 34, T.69N., R.26W. (SW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 34, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; understory consists of Labrador tea with some cotton grass, bog rosemary, swamp laurel, and leatherleaf; ground cover consists of some cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** R. Wakanabo on October 4, 1977.

Layer	Depth (cm)
Peat Mineral soil	0-183 183+

**Location:** 975 feet N and 2510 feet E of the SW corner of Sec. 34, T.69N., R.26W. (SE1/4 of NE1/4 of SE1/4 of SW1/4, Sec. 34, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered tamarack; understory consists of Labrador tea with some leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** R. Wakanabo on October 4, 1977.

Layer	Depth (cm)
Peat Clay	0-160 160+

**Location:** 2025 feet S and 1860 feet W of the NE corner of Sec. 36, T.69N., R.26W. (NW1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 36, T.69N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 30 percent; lush understory consists mostly of leatherleaf with some Labrador tea, cotton grass, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and R. Graber on November 16, 1979.

Layer	Depth (cm)
Hemic Sapric Silty clay	0-381 381-396 396+

**Location:** 1425 feet N and 1090 feet E of the SW corner of Sec. 36, T.70N., R.26W. (SE1/4 of SE1/4 of NW1/4 of SW1/4, Sec. 36, T.70N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of some cotton grass, leatherleaf, Labrador tea, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, false Solomon's seal, lingen berry, and lichens.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** N. Aaseng and D. Haverkost on November 16, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-198
Silty clay	198+

**Location:** 2280 feet N and 100 feet E of the SW corner of Sec. 36, T.151N., R.26W. (NW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 36, T.151N., R.26W.)  
**Vegetation:** Scattered northern white cedar and paper birch; lush understory consists mostly of bog birch and sedges with some Labrador tea, speckled alder, willow, dogwood, grasses, fern, iris, and swamp cinquefoil; ground cover consists of Sphagnum mosses and some lichens.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and N. Aaseng on December 10, 1979.

Layer	Depth (cm)
Hemic	0-64
Sapric	64-96
Silty clay loam	96+

**Location:** 1100 feet S and 575 feet W of the NE corner of Sec. 8, T.152N., R.26W. (SW1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 8, T.152N., R.26W.)  
**Vegetation:** Lush understory consists mostly of grasses with some willow, alder, and cattail.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Sether and S. Nelson on April 3, 1980.

Layer	Depth (cm)
Hemic	0-61
Sapric	61-91
Medium sandy clay loam	91+

**Location:** 1875 feet S and 1915 feet E of the NW corner of Sec. 18, T.152N., R.26W. (SE1/4 of NW1/4 of SE1/4 of NW1/4, Sec. 18, T.152N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 80 percent; lush understory consists of Labrador tea and leatherleaf with some grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and D. Haverkost on December 10, 1979.

Layer	Depth (cm)
Hemic	0-152
Sandy clay	152+

**Location:** 1350 feet N and 1800 feet E of the SW corner of Sec. 23, T.152N., R.26W. (SE1/4 of SW1/4 of NE1/4 of SW1/4, Sec. 23, T.152N., R.26W.)  
**Vegetation:** Scattered black spruce, tamarack, and northern white cedar; lush understory consists of dogwood and grasses with some Labrador tea, willow, and leatherleaf; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 60 cm.  
**Described By:** D. Mellem and D. Haverkost on December 10, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-122
Fine sandy clay	122+

**Location:** 975 feet S and 670 feet W of the NE corner of Sec. 30, T.152N., R.26W. (NE1/4 of SW1/4 of NE1/4 of NE1/4, Sec. 30, T.152N., R.26W.)  
**Vegetation:** Scattered black spruce, tamarack, northern white cedar, and balsam fir; understory consists of bog birch, speckled alder, willow, Labrador tea, leatherleaf, bog rosemary, sedges, lingen berry, and swamp cinquefoil; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Not recorded  
**Described By:** T. Malterer and N. Aaseng on December 10, 1979.

Layer	Depth (cm)
Hemic	0-152
Sapric	152-229
Loam	229+

**Location:** 1375 feet S and 775 feet W of the NE corner of Sec. 33, T.152N., R.26W. (NE1/4 of NW1/4 of SE1/4 of NE1/4, Sec. 33, T.152N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; understory consists mostly of Labrador tea with some leatherleaf, swamp laurel, bog rosemary, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and N. Aaseng on December 10, 1979.

Layer	Depth (cm)
Fibric	0- 18
Hemic	18-313
Silty clay loam	313+

**Location:** 545 feet N and 1175 feet W of the SE corner of Sec. 33, T.152N., R.26W. (NW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 33, T.152N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; understory consists mostly of leatherleaf with some Labrador tea, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 60 cm.  
**Described By:** D. Mellem and D. Haverkost on December 10, 1979.

Layer	Depth (cm)
Hemic	0-137
Silty clay	137+

**Location:** 1425 feet N and 1530 feet W of the SE corner of Sec. 20, T.153N., R.26W. (SE1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 20, T.153N., R.26W.)  
**Vegetation:** Northern white cedar crown cover of about 85 percent with scattered balsam fir; ground cover consists of some feather and Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on October 25, 1976.

Layer	Depth (cm)
Hemic	0- 10
Fine sand	10+

**Location:** 355 feet S and 1875 feet E of the NW corner of Sec. 29, T.153N., R.26W. (SE1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 29, T.153N., R.26W.)  
**Vegetation:** Cut over area; lush understory consists mostly of shrubs and grasses with some willows, paper birch, black spruce, balsam fir, hazel, and thistles.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on October 25, 1976.

Layer	Depth (cm)
Hemic	0- 30
Fine sand	30+

**Location:** 950 feet S and 1425 feet E of the NW corner of Sec. 31, T.153N., R.26W. (SW1/4 of SW1/4 of NE1/4 of NW1/4, Sec. 31, T.153N., R.26W.)  
**Vegetation:** Northern white cedar crown cover of about 85 percent; lush understory consists mostly of grasses with some balsam fir, fern, and Labrador tea; ground cover consists of some false Solomon's seal.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on October 23, 1976.

Layer	Depth (cm)
Hemic	0- 10
Sapric	10- 51
Clay	51+

**Location:** 75 feet N and 525 feet E of the SW corner of Sec. 2, T.154N., R.26W. (SE1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 2, T.154N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered tamarack; lush understory consists mostly of grasses and speckled alder with some Labrador tea; ground cover consists of some Sphagnum and other mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on September 6, 1976.

Layer	Depth (cm)
Hemic	0- 97
Sandy loam	97+

**Location:** 100 feet N and 2275 feet W of the SE corner of Sec. 2, T.154N., R.26W. (SE1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 2, T.154N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 90 percent with scattered tamarack; understory consists of some Labrador tea, horsetail, grasses, fern, willow, and speckled alder; ground cover consists of some Sphagnum and other mosses and cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on September 6, 1976.

Layer	Depth (cm)
Sapric	0-46
Sandy loam	46+

**Location:** 75 feet N and 800 feet E of the SW corner of Sec. 3, T.154N., R.26W. (SW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 3, T.154N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; understory consists of speckled alder with some bog birch and grasses; ground cover consists of some Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on September 6, 1976.

Layer	Depth (cm)
Sapric	0-127
Loam	127+

**Location:** 50 feet N and 1960 feet W of the SE corner of Sec. 3, T.154N., R.26W. (SW1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 3, T.154N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; lush understory consists mostly of leatherleaf with some grasses, Labrador tea, swamp laurel, and bog birch; ground cover consists of some cranberry and false Solomon's seal.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on September 6, 1976.

Layer	Depth (cm)
Hemic	0-145
Medium to coarse sand	145+

**Location:** 40 feet N and 1210 feet E of the SW corner of Sec. 4, T.154N., R.26W. (SE1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 4, T.154N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 30 percent with scattered tamarack; lush understory consists mostly of bog birch with Labrador tea, leatherleaf, willow, and some grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on September 6, 1976.

Layer	Depth (cm)
Hemic	0-183
Sandy loam	183+

**Location:** 50 feet N and 1675 feet W of the SE corner of Sec. 4, T.154N., R.26W. (SW1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 4, T.154N., R.26W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on September 6, 1976.

Layer	Depth (cm)
Peat	0-132
Mineral soil	132+

**Location:** 50 feet N and 1250 feet W of the SE corner of Sec. 5, T.154N., R.26W. (SW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 5, T.154N., R.26W.)  
**Vegetation:** Consists mostly of grasses and willow with leatherleaf and bog birch.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on September 6, 1976.

Layer	Depth (cm)
Peat	0-213
Mineral soil	213+



**Location:** 1120 feet S and 2450 feet E of the NW corner of Sec. 16, T.154N., R.26W. (SE1/4 of SE1/4 of NE1/4 of NW1/4, Sec. 16, T.154N., R.26W.)  
**Vegetation:** Tamarack crown cover of about 90 percent with scattered black spruce; understory consists mostly of grasses with some bog rosemary and cattails; ground cover consists of some Sphagnum mosses and pitcher plant.  
**Microrelief:** 22 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 30, 1979.

Layer	Depth (cm)
Hemic	0-305
Fine sand	305+

**Location:** 1335 feet S and 60 feet E of the NW corner of Sec. 31, T.154N., R.26W. (Gov. Lot 2, Sec. 31, T.154N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack and northern white cedar; lush understory consists mostly of speckled alder with some bog birch.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Hemic	0-84
Sandy loam	84+

**Location:** 90 feet N and 1010 feet E of the SW corner of Sec. 4, T.155N., R.26W. (SE1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 4, T.155N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with a tamarack crown cover of about 35 percent; lush understory consists mostly of Labrador tea with bog birch and some bog rosemary, leatherleaf, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Zarth and R. Fox on August 17, 1976.

Layer	Depth (cm)
Hemic	0-221
Coarse sand	221+

**Location:** 1200 feet N and 2050 feet W of the SE corner of Sec. 31, T.154N., R.26W. (NE1/4 of NW1/4 of SW1/4 of SE1/4, Sec. 31, T.154N., R.26W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Peat	0-15
Mineral soil	15+

**Location:** 2425 feet S and 265 feet E of the NW corner of Sec. 4, T.155N., R.26W. (SW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 4, T.155N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of sedges with some Labrador tea, bog birch, willow, and fern; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Zarth and R. Fox on August 16, 1976.

Layer	Depth (cm)
Hemic	0- 58
Medium sand	58+

**Location:** 1450 feet S and 1450 feet E of the NW corner of Sec. 9, T.155N., R.26W. (NW1/4 of NW1/4 of SE1/4 of NW1/4, Sec. 9, T.155N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; lush understory consists mostly of leatherleaf with some cotton grass, Labrador tea, bog rosemary, and swamp laurel; ground cover consists of some false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Zarth and R. Fox on August 17, 1976.

Layer	Depth (cm)
Hemic	0-279
Clay loam	279+

**Location:** 75 feet N and 700 feet W of the SE corner of Sec. 31, T.154N., R.26W. (SE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 31, T.154N., R.26W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Peat	0-76
Mineral soil	76+

**Location:** 1300 feet N and 685 feet E of the SW corner of Sec. 4, T.155N., R.26W. (NW1/4 of NE1/4 of SW1/4 of SW1/4, Sec. 4, T.155N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered northern white cedar, tamarack, and paper birch; understory consists of some Labrador tea, speckled alder, sedges, grasses, and fern; ground cover consists of some Sphagnum and other mosses and false Solomon's seal.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on August 17, 1976.

Layer	Depth (cm)
Hemic	0-46
Sandy clay loam	46+

**Location:** 2420 feet S and 1690 feet E of the NW corner of Sec. 9, T.155N., R.26W. (SE1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 9, T.155N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists mostly of leatherleaf with bog rosemary, swamp laurel, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on August 17, 1976.

Layer	Depth (cm)
Hemic	0-259
Coarse sand	259+

**Location:** 100 feet N and 2425 feet E of the SW corner of Sec. 9, T.155N., R.26W. (SE1/4 of SE1/4 of SW1/4, Sec. 9, T.155N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 50 percent; understory consists of Labrador tea and leatherleaf with some bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth and R. Fox on August 16, 1976.

Layer	Depth (cm)
Hemic	0-173
Medium sand	173+

**Location:** 1055 feet S and 2375 feet W of the NE corner of Sec. 16, T.155N., R.26W. (SW1/4 of SW1/4 of NW1/4 of NE1/4, Sec. 16, T.155N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; lush understory consists of Labrador tea, cotton grass, and leatherleaf with some swamp laurel and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on August 16, 1976.

Layer	Depth (cm)
Hemic	0-173
Coarse sand to gravel	173+

**Location:** 1800 feet N and 1775 feet W of the SE corner of Sec. 16, T.155N., R.26W. (NW1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 16, T.155N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; lush understory consists mostly of sedges with some Labrador tea; ground cover consists of mosses with some Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on August 16, 1976.

Layer	Depth (cm)
Hemic	0-66
Sapric	66-71
Sandy loam	71+

**Location:** 1475 feet S and 925 feet W of the NE corner of Sec. 21, T.155N., R.26W. (NW1/4 of NW1/4 of SE1/4 of NE1/4, Sec. 21, T.155N., R.26W.)  
**Vegetation:** Tamarack crown cover of about 85 percent with scattered black spruce and paper birch; lush understory consists mostly of Labrador tea with some grasses, balsam fir, and speckled alder; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on August 17, 1976.

Layer	Depth (cm)
Hemic	0-196
Sandy loam	196+

**Location:** 1075 feet N and 265 feet W of the SE corner of Sec. 21, T.155N., R.26W. (NW1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 21, T.155N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 85 percent with scattered tamarack; understory consists mostly of sedges with some Labrador tea, bog rosemary, and leatherleaf; ground cover consists of mosses with some Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on August 16, 1976.

Layer	Depth (cm)
Hemic	0-162
Sapric	162-165
Pebbly sandy loam	165+

**Location:** 75 feet N and 25 feet W of the SE corner of Sec. 21, T.155N., R.26W. (SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 21, T.155N., R.26W.)  
**Vegetation:** Tamarack crown cover of about 85 percent with scattered black spruce; lush understory consists mostly of speckled alder with leatherleaf and some bog birch, balsam fir, Labrador tea, and sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on August 16, 1976.

Layer	Depth (cm)
Hemic	0-86
Sapric	86-97
Coarse pebbly sand	97+

**Location:** 2150 feet S and 1360 feet W of the NE corner of Sec. 6, T.156N., R.26W. (SE1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 6, T.156N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 70 percent; understory consists of Labrador tea, leatherleaf, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 27, 1979.

Layer	Depth (cm)
Hemic	0-213
Fine and medium sand	213+

**Location:** 2600 feet N and 500 feet W of the SE corner of Sec. 6, T.156N., R.26W. (NW1/4 of NE1/4 of NE1/4 of SE1/4, Sec. 6, T.156N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists mostly of grasses and Labrador tea with some leatherleaf, swamp laurel, and speckled alder; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 27, 1979.

Layer	Depth (cm)
Hemic	0-165
Silty clay	165+

**Location:** 1810 feet S and 400 feet E of the NW corner of Sec. 8, T.156N., R.26W. (SE1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 8, T.156N., R.26W.)  
**Vegetation:** Scattered black spruce, northern white cedar, paper birch, and tamarack; lush understory consists mostly of grasses with some speckled alder; ground cover consists of some Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 27, 1979.

Layer	Depth (cm)
Hemic	0-90
Sandy clay	90+

**Location:** 1950 feet N and 475 feet W of the SE corner of Sec. 9, T.156N., R.26W. (NW1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 9, T.156N., R.26W.)  
**Vegetation:** Northern white cedar crown cover of about 65 percent with about 30 percent crown cover of tamarack and scattered black spruce; understory consists of Labrador tea with some grasses, speckled alder, sedges, and cattail; ground cover consists of some feather and Sphagnum mosses, cranberry, and snowberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 30, 1979.

Layer	Depth (cm)
Sapric	0-61
Medium to coarse sand	61+

**Location:** 2375 feet S and 625 feet W of the NE corner of Sec. 19, T.156N., R.26W. (SE1/4 of SW1/4 of SE1/4 of NE1/4, Sec. 19, T.156N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges with some Labrador tea, leatherleaf, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 26, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-335
Sandy loam	335+

**Location:** 2110 feet S and 125 feet E of the NW corner of Sec. 19, T.156N., R.26W. (Gov. Lot 2, Sec. 19, T.156N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of leatherleaf with some Labrador tea and sedges; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 26, 1979.

Layer	Depth (cm)
Fibric	0- 90
Hemic	90-354
Sapric	354-364
Silt with calcareous pebbles	364+

**Location:** 2210 feet N and 1600 feet E of the SW corner of Sec. 17, T.156N., R.26W. (SW1/4 of NE1/4 of NE1/4 of SW1/4, Sec. 17, T.156N., R.26W.)  
**Vegetation:** Scattered northern white cedar, black spruce, and tamarack; lush understory consists mostly of grasses with some balsam fir, willow, and alder; ground cover consists of some mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 27, 1979.

Layer	Depth (cm)
Sapric	0-15
Sandy loam	15+

**Location:** 2425 feet S and 25 feet W of the NE corner of Sec. 19, T.156N., R.26W. (SE1/4 of SE1/4 of SE1/4 of NE1/4, Sec. 19, T.156N., R.26W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and D. Haverkost on September 26, 1979.

Layer	Depth (cm)
Fibric	0- 90
Hemic	90-273
Sandy loam	273+

**Location:** 1775 feet N and 125 feet E of the SW corner of Sec. 19, T.156N., R.26W. (Gov. Lot 3, Sec. 19, T.156N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of sedges with some swamp laurel, Labrador tea, leatherleaf, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 26, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-312
Sapric	312-317
Silt and fine sand	317+

**Location:** 550 feet N and 115 feet E of the SW corner of Sec. 18, T.156N., R.26W. (Gov. Lot 4, Sec. 18, T.156N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of some Labrador tea, leatherleaf, and sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and D. Haverkost on September 26, 1979.

Layer	Depth (cm)
Fibric	0-120
Hemic	120-304
Coarse sand	304+

**Location:** 750 feet S and 1975 feet E of the NW corner of Sec. 19, T.156N., R.26W. (NW1/4 of SE1/4 of NE1/4 of NW1/4, Sec. 19, T.156N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of leatherleaf with some sedges, Labrador tea, swamp laurel, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 26, 1979.

Layer	Depth (cm)
Fibric	0-150
Hemic	150-304
Fine sand	304+

**Location:** 2400 feet S and 765 feet E of the NE corner of Sec. 20, T.156N., R.26W. (SW1/4 of SE1/4 of SW1/4 of NW1/4, Sec. 20, T.156N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some bog birch, willow, Labrador tea, bog rosemary, leatherleaf, and ferns; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 26, 1979.

Layer	Depth (cm)
Hemic	0-211
Sandy loam	211+

**Location:** 2125 feet N and 675 feet W of the SE corner of Sec. 28, T.156N., R.26W. (SW1/4 of NE1/4 of NE1/4 of SE1/4, Sec. 28, T.156N., R.26W.)

**Vegetation:** Black spruce crown cover of about 60 percent with about 30 percent crown cover of tamarack and scattered paper birch; understory consists of some Labrador tea, leatherleaf, swamp laurel, bog rosemary, grasses and speckled alder; ground cover consists of some Sphagnum and feather mosses.

**Microrelief:** 25 cm.

**Depth To Water Table:** 15 cm.

**Described By:** R. Graber and D. Haverkost on November 30, 1979.

Layer	Depth (cm)
Hemic	0-229
Sapric	229-244
Coarse sand	244+

**Location:** 950 feet S and 75 feet E of the NW corner of Sec. 30, T.156N., R.26W. (Gov. Lot 1, Sec. 30, T.156N., R.26W.)

**Vegetation:** Scattered black spruce; sparse understory consists of some Labrador tea, sedges, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 20 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on September 26, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-195
Sandy clay	195+

**Location:** 2450 feet S and 120 feet E of the NW corner of Sec. 30, T.156N., R.26W. (Gov. Lot 2, Sec. 30, T.156N., R.26W.)

**Vegetation:** Scattered black spruce and tamarack; understory consists of grasses with some alder, Labrador tea, and balsam fir; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.

**Microrelief:** 20 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on September 26, 1979.

Layer	Depth (cm)
Hemic	0-100
Sandy clay	100+

**Location:** 2625 feet S and 1125 feet E of the NW corner of Sec. 1, T.157N., R.26W. (SE1/4 of SE1/4 of SW1/4 of NW1/4, Sec. 1, T.157N., R.26W.)

**Vegetation:** Black spruce crown cover of about 40 percent; understory consists of Labrador tea with some leatherleaf, swamp laurel, and sedges; ground cover consists of Sphagnum and other mosses with some lingen berry and cranberry.

**Microrelief:** 35 cm.

**Depth To Water Table:** Not recorded.

**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Hemic	0-183
Clay	183+

**Location:** 2400 feet N and 1325 feet W of the SE corner of Sec. 3, T.157N., R.26W. (NW1/4 of NW1/4 of NE1/4 of SE1/4, Sec. 3, T.157N., R.26W.)

**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some Labrador tea, alder, leatherleaf, and sedges; ground cover consists mostly of Sphagnum mosses with some feather mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** Not visible.

**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Hemic	0-152
Silt	152+

**Location:** 1250 feet S and 400 feet E of the NW corner of Sec. 15, T.157N., R.26W. (SE1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 15, T.157N., R.26W.)

**Vegetation:** Black spruce crown cover of about 30 percent with scattered tamarack, paper birch, and aspen; understory consists of Labrador tea with some cotton grass, swamp laurel, and sedges; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, lingen berry, and blueberry.

**Microrelief:** 20 cm.

**Depth To Water Table:** Not visible.

**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Sapric	0- 91
Clay loam	91+

**Location:** 725 feet S and 365 feet E of the NW corner of Sec. 16, T.157N., R.26W. (NE1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 16, T.157N., R.26W.)

**Vegetation:** Scattered black spruce and northern white cedar; sparse understory consists of some grasses, willow, and Labrador tea; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 15 cm.

**Depth To Water Table:** Not visible.

**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Sapric	0-81
Medium sand	81+

**Location:** 550 feet S and 210 feet E of the NW corner of Sec. 19, T.157N., R.26W. (SW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 19, T.157N., R.26W.)

**Vegetation:** Scattered black spruce; sparse understory consists of some leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with false Solomon's seal and some other mosses, cranberry, and pitcher plant.

**Microrelief:** 60 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on October 4, 1979.

Layer	Depth (cm)
Fibric	0-165
Hemic	165-272
Sapric	272-287
Sandy clay	287+

**Location:** 675 feet N and 285 feet E of the SW corner of Sec. 19, T.157N., R.26W. (SW1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 19, T.157N., R.26W.)

**Vegetation:** Scattered black spruce; sparse understory consists of some sedges, leatherleaf, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses and some false Solomon's seal.

**Microrelief:** 20 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on October 4, 1979.

Layer	Depth (cm)
Fibric	0-211
Hemic	211-302
Sandy clay	302+

**Location:** 500 feet N and 410 feet W of the SE corner of Sec. 27, T.157N., R.26W. (NW1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 27, T.157N., R.26W.)  
**Vegetation:** Scattered black spruce, paper birch, and northern white cedar; sparse understory consists of some willow, poplar, ferns, cattails, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 7 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Hemic	0-107
Clay	107+

**Location:** 700 feet S and 2200 feet W of the NE corner of Sec. 30, T.157N., R.26W. (NE1/4 of SW1/4 of NW1/4 of NE1/4, Sec. 30, T.157N., R.26W.)  
**Vegetation:** Tamarack crown cover of about 25 percent with scattered black spruce; understory consists mostly of sedges with some bog rosemary; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 3, 1979.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-335
Sapric	335-348
Sandy	348+
clay	
with	
calcareous	
pebbles	

**Location:** 1900 feet N and 215 feet E of the SW corner of Sec. 30, T.157N., R.26W. (Gov. Lot 3, Sec. 30, T.157N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges with some bog birch, bog rosemary, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 4, 1979.

Layer	Depth (cm)
Fibric	0- 90
Hemic	90-212
Sandy	212+
clay	

**Location:** 650 feet S and 200 feet E of the NW corner of Sec. 31, T.157N., R.26W. (Gov. Lot 1, Sec. 31, T.157N., R.26W.)  
**Vegetation:** Tamarack crown cover of about 35 percent; lush understory consists mostly of sedges with some bog birch, willow, bog rosemary, Labrador tea, and cattails; ground cover consists of some Sphagnum mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 4, 1979.

Layer	Depth (cm)
Hemic	0-210
Sandy	210+
clay	

**Location:** 1765 feet N and 1020 feet W of the SE corner of Sec. 2, T.158N., R.26W. (NW1/4 of SW1/4 of NE1/4 of SW1/4, Sec. 2, T.158N., R.26W.)  
**Vegetation:** Scattered tamarack and northern white cedar; sparse understory consists of some speckled alder, reeds, leatherleaf, sedges, and ferns; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-213
Hemic	213-274
Sapric	274-290
Clay	290+
loam	

**Location:** 2500 feet N and 125 feet E of the SW corner of Sec. 3, T.158N., R.26W. (NW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 3, T.158N., R.26W.)  
**Vegetation:** Scattered tamarack; sparse understory consists of some sedges, reeds, leatherleaf, and bog rosemary; ground cover consists of some Sphagnum mosses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-229
Hemic	229-274
Sapric	274-305
Clay	305+
loam	

**Location:** 2175 feet N and 50 feet W of the SE corner of Sec. 3, T.158N., R.26W. (SE1/4 of NE1/4 of NE1/4 of SE1/4, Sec. 3, T.158N., R.26W.)  
**Vegetation:** Scattered tamarack; sparse understory consists of some sedges, tamarack, speckled alder, and bog rosemary; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** B. Sether and D. Haverkost on March 13, 1980.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-335
Sapric	335-350
Clay	350+
loam	

**Location:** 985 feet N and 1190 feet W of the SE corner of Sec. 5, T.158N., R.26W. (SW1/4 of NW1/4 of SE1/4 of SE1/4, Sec. 5, T.158N., R.26W.)  
**Vegetation:** Scattered tamarack; lush understory consists mostly of sedges with some bog rosemary, bog birch, leatherleaf, horsetails, and buckbean; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Hemic	0-152
Fibric	152-244
Hemic	244-396
Clay	396+
loam	

**Location:** 850 feet S and 590 feet W of the NE corner of Sec. 6, T.158N., R.26W. (Gov. Lot 1, Sec. 6, T.158N., R.26W.)  
**Vegetation:** Scattered tamarack; understory consists of sedges with some bog rosemary, leatherleaf, cotton grass, and bog birch; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Hemic	0-180
Clay	180+
loam	

**Location:** 1825 feet N and 175 feet E of the SW corner of Sec. 6, T.158N., R.26W. (Gov. Lot 6, Sec. 6, T.158N., R.26W.)  
**Vegetation:** Scattered tamarack; sparse understory consists of some sedges, reeds, willow, leatherleaf, swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-168
Hemic	168-350
Silty clay	350+

**Location:** 25 feet S and 1150 feet W of the NE corner of Sec. 7, T.158N., R.26W. (NW1/4 of NW1/4 of NE1/4 of NE1/4, Sec. 7, T.158N., R.26W.)  
**Vegetation:** Understory consists of some grasses, tamarack, speckled alder, leatherleaf, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** H. Mooers, B. Sether, J. Dahl, and D. Haverkost on March 6, 1980.

Layer	Depth (cm)
Fibric	0-250
Hemic	250-330
Sapric	330-345
Clay loam	345+

**Location:** 1925 feet N and 1510 feet W of the SE corner of Sec. 7, T.158N., R.26W. (NE1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 7, T.158N., R.26W.)  
**Vegetation:** Scattered tamarack; understory consists of sedges with some leatherleaf, bog rosemary, cotton grass, and bog birch; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Fibric	0-274
Hemic	274-305
Clay	305+

**Location:** 60 feet S and 1550 feet E of the NW corner of Sec. 9, T.158N., R.26W. (NW1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 9, T.158N., R.26W.)  
**Vegetation:** Lush understory consists mostly of grasses with some tamarack, sedges, bog rosemary, leatherleaf, and reeds.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** H. Mooers and D. Haverkost on March 11, 1980.

Layer	Depth (cm)
Hemic	0-345
Silty clay	345+

**Location:** 450 feet S and 950 feet W of the NE corner of Sec. 10, T.158N., R.26W. (SE1/4 of NW1/4 of NE1/4 of NE1/4, Sec. 10, T.158N., R.26W.)  
**Vegetation:** Scattered tamarack; sparse understory consists of some sedges, reeds, leatherleaf, bog rosemary, and speckled alder; ground cover consists of some Sphagnum mosses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** 15 cm. above surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-213
Hemic	213-274
Clay loam	274+

**Location:** 25 feet S and 2475 feet W of the NE corner of Sec. 10, T.158N., R.26W. (NW1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 10, T.158N., R.26W.)  
**Vegetation:** Understory consists of some grasses, tamarack, leatherleaf, and bog rosemary; ground cover was not recorded.  
**Microrelief:** 18 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** H. Mooers and D. Haverkost on March 11, 1980.

Layer	Depth (cm)
Hemic	0-260
Sapric	260-285
Clay loam with pebbles	285+

**Location:** 1810 feet N and 275 feet E of the SW corner of Sec. 10, T.158N., R.26W. (NW1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 10, T.158N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some leatherleaf, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** 15 cm. above surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-183
Hemic	183-381
Sapric	381-411
Silty clay	411+

**Location:** 50 feet S and 2160 feet E of the NW corner of Sec. 11, T.158N., R.26W. (NW1/4 of NE1/4 of NE1/4 of NW1/4, Sec. 11, T.158N., R.26W.)  
**Vegetation:** Sparse understory consists of some tamarack, speckled alder, swamp laurel, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** H. Mooers and D. Haverkost on March 12, 1980.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-244
Fibric	244-305
Hemic	305-350
Clay loam	350+

**Location:** 1900 feet N and 1975 feet W of the SE corner of Sec. 11, T.158N., R.26W. (NE1/4 of SW1/4 of NW1/4 of SE1/4, Sec. 11, T.158N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; understory consists of Labrador tea with some sedges, leatherleaf, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, snowberry, lingon berry, and false Solomon's seal.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Hemic	0-315
Clay loam	315+

**Location:** 1775 feet N and 20 feet W of the SE corner of Sec. 12, T.158N., R.26W. (NE1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 12, T.158N., R.26W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and snowberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-138
Hemic	138-259
Sapric	259-274
Silty clay	274+

**Location:** 2275 feet S and 1015 feet W of the NE corner of Sec. 15, T.158N., R.26W. (SW1/4 of SW1/4 of SE1/4 of NE1/4, Sec. 15, T.158N., R.26W.)  
**Vegetation:** Scattered black spruce, tamarack, and northern white cedar; understory consists of some bog birch, willow, leatherleaf, bog rosemary, sedges, and five finger cinquefoil; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Hemic Clay	0-173 173+

**Location:** 2375 feet S and 1205 feet E of the NW corner of Sec. 15, T.158N., R.26W. (SE1/4 of SE1/4 of SW1/4 of NW1/4, Sec. 15, T.158N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of sedges with some leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry and pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Hemic Clay loam	0-375 375+

**Location:** 850 feet S and 75 feet E of the NW corner of Sec. 19, T.158N., R.26W. (SW1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 19, T.158N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of some sedges, leatherleaf, swamp laurel, Labrador tea, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry and pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** N. Aaseng and R. Graber on November 13, 1979.

Layer	Depth (cm)
Fibric	0-305
Hemic	305-396
Silty clay	396+

**Location:** 1800 feet S and 320 feet E of the NW corner of Sec. 21, T.158N., R.26W. (SW1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 21, T.158N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some leatherleaf, swamp laurel, bog rosemary, sedges, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-213
Hemic	213-305
Silty clay	305+

**Location:** 350 feet S and 1850 feet E of the NW corner of Sec. 22, T.158N., R.26W. (NE1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 22, T.158N., R.26W.)  
**Vegetation:** Scattered tamarack and black spruce; understory consists of bog rosemary with some sedges, cattails, Phragmites, leatherleaf, and bog birch; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic Clay	122-229 229+

**Location:** 125 feet N and 100 feet E of the SW corner of Sec. 26, T.158N., R.26W. (SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 26, T.158N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 75 percent; sparse understory consists of some Labrador tea and sedges; ground cover consists mostly of mosses with some Sphagnum mosses, lingon berry, blueberry, and snowberry.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** 2 cm.  
**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Hemic	0-229
Sapric	229-242
Clay	242+

**Location:** 25 feet N and 110 feet W of the SE corner of Sec. 26, T.158N., R.26W. (SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 26, T.158N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; sparse understory consists of some Labrador tea and sedges; ground cover consists mostly of Sphagnum and other mosses with some lingon berry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on October 31, 1979.

Layer	Depth (cm)
Hemic	0- 91
Sapric	91-118
Clay	118+

**Location:** 1825 feet S and 75 feet E of the NW corner of Sec. 1, T.159N., R.26W. (SW1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 1, T.159N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; understory consists of Labrador tea and grasses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem on November 16, 1979.

Layer	Depth (cm)
Hemic Sandy clay	0-229 229+

**Location:** 1450 feet N and 225 feet E of the SW corner of Sec. 3, T.159N., R.26W. (SW1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 3, T.159N., R.26W.)  
**Vegetation:** Aspen crown cover of about 80 percent; understory consists of grasses with some speckled alder and willow.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem on November 16, 1979.

Layer	Depth (cm)
Hemic	0-183
Clay	183+

**Location:** 1675 feet N and 110 feet W of the SE corner of Sec. 5, T.159N., R.26W. (NE1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 5, T.159N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered aspen and tamarack; understory consists of grasses and some Labrador tea; ground cover consists of some mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem on November 16, 1979.

Layer	Depth (cm)
Hemic	0-168
Silt	168+

**Location:** 1225 feet N and 1950 feet W of the SE corner of Sec. 7, T.159N., R.26W. (NW1/4 of NW1/4 of SW1/4 of SE1/4, Sec. 7, T.159N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of Labrador tea, leatherleaf, and sedges with some swamp laurel and cotton grass; ground cover consists of Sphagnum mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-457
Sapric	457+
Bottom	
unknown	

**Location:** 1910 feet N and 2010 feet E of the SW corner of Sec. 18, T.159N., R.26W. (NW1/4 of SE1/4 of NE1/4 of SW1/4, Sec. 18, T.159N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some leatherleaf, swamp laurel, bog rosemary, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-138
Hemic	138-259
Sapric	259-305
Clay	305+
loam	
with	
pebbles	

**Location:** 1725 feet N and 1450 feet E of the SW corner of Sec. 20, T.159N., R.26W. (NW1/4 of SW1/4 of NE1/4 of SW1/4, Sec. 20, T.159N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-137
Hemic	137-411
Clay	411+

**Location:** 2075 feet N and 60 feet W of the SE corner of Sec. 23, T.159N., R.26W. (SE1/4 of NE1/4 of NE1/4 of SE1/4, Sec. 23, T.159N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 30 percent; lush understory consists mostly of leatherleaf with some Labrador tea, bog rosemary, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on July 21, 1979.

Layer	Depth (cm)
Peat	0-244
Mineral soil	244+

**Location:** 2100 feet N and 1300 feet W of the SE corner of Sec. 23, T.159N., R.26W. (SW1/4 of NW1/4 of NE1/4 of SE1/4, Sec. 23, T.159N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered cedar; lush understory consists mostly of Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on July 21, 1976.

Layer	Depth (cm)
Sapric	0- 66
Mineral soil	66+

**Location:** 2075 feet N and 975 feet W of the SE corner of Sec. 23, T.159N., R.26W. (SE1/4 of NW1/4 of NE1/4 of SE1/4, Sec. 23, T.159N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; lush understory consists mostly of Labrador tea with leatherleaf; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on July 21, 1976.

Layer	Depth (cm)
Fibric	0- 35
Sapric	35-157
Sandy clay	157+
loam	

**Location:** 750 feet S and 975 feet W of the NE corner of Sec. 24, T.159N., R.26W. (NW1/4 of SW1/4 of NE1/4 of NE1/4, Sec. 24, T.159N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 75 percent; understory consists of some swamp laurel, sedges, cotton grass, and leatherleaf; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Fibric	0-106
Hemic	106-455
Silty clay	455+



**Location:** 2620 feet S and 1875 feet E of the NW corner of Sec. 24, T.159N., R.26W. (SE1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 24, T.159N., R.26W.)  
**Vegetation:** Scattered tamarack; lush understory consists mostly of grasses with some bog rosemary, swamp laurel, and bog birch.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** 10 cm. above surface.  
**Described By:** M. Domeier on July 21, 1976.

Layer	Depth (cm)
Hemic	0-244
Mineral soil	244+

**Location:** 2375 feet N and 1440 feet E of the SW corner of Sec. 24, T.159N., R.26W. (NW1/4 of NW1/4 of NE1/4 of SW1/4, Sec. 24, T.159N., R.26W.)  
**Vegetation:** Scattered tamarack; lush understory consists mostly of cotton grass with bog birch and some bog rosemary; ground cover consists of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on July 21, 1976.

Layer	Depth (cm)
Hemic	0-244
Mineral soil	244+

**Location:** 2060 feet N and 1030 feet E of the SW corner of Sec. 24, T.159N., R.26W. (SE1/4 of NE1/4 of NW1/4 of SW1/4, Sec. 24, T.159N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; lush understory consists mostly of Labrador tea with some leatherleaf; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on July 21, 1976.

Layer	Depth (cm)
Hemic	0-183
Mineral soil	183+

**Location:** 350 feet N and 600 feet W of the SE corner of Sec. 24, T.159N., R.26W. (NE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 24, T.159N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of grasses and leatherleaf with speckled alder and some bog rosemary, sedges, and cattails; ground cover consists of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-183
Fibric	183-274
Sapric	274-442
Clay	442+

**Location:** 675 feet S and 2050 feet E of the NW corner of Sec. 25, T.159N., R.26W. (NW1/4 of SE1/4 of NE1/4 of NW1/4, Sec. 25, T.159N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of sedges with some leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry and pitcher plant.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-366
Fibric	366-457
Hemic	457+
Bottom unknown	

**Location:** 2100 feet N and 25 feet E of the SW corner of Sec. 25, T.159N., R.26W. (SW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 25, T.159N., R.26W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of leatherleaf, swamp laurel, bog rosemary, and sedges with Labrador tea and some cotton grass; ground cover consists of some Sphagnum and feather mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-396
Sapric	396-442
Silty clay	442+

**Location:** 1925 feet N and 790 feet W of the SE corner of Sec. 25, T.159N., R.26W. (NE1/4 of SW1/4 of NE1/4 of SE1/4, Sec. 25, T.159N., R.26W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with about 30 percent crown cover of northern white cedar with scattered tamarack; lush understory consists mostly of bog rosemary, grasses, and speckled alder with some Labrador tea, leatherleaf, horsetail, and ferns; ground cover consists mostly of feather and Sphagnum mosses with some pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-366
Silty clay	366+

**Location:** 250 feet S and 1500 feet E of the NW corner of Sec. 28, T.159N., R.26W. (NW1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 28, T.159N., R.26W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of sedges with some bog birch, Labrador tea, bog rosemary, and grasses; ground cover consists of some mosses and pitcher plant.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-213
Fibric	213-427
Sapric	427-457
Silt	457+

**Location:** 1910 feet N and 75 feet E of the SW corner of Sec. 34, T.159N., R.26W. (NW1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 34, T.159N., R.26W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of leatherleaf and bog rosemary with grasses and some speckled alder and reeds; ground cover consists mostly of mosses including some Sphagnum mosses and pitcher plant.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Hemic	0-183
Fibric	183-274
Silty clay	274+

**Location:** 1025 feet S and 350 feet E of the NW corner of Sec. 35, T.159N., R.26W. (SW1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 35, T.159N., R.26W.)  
**Vegetation:** Scattered black spruce; understory consists of some leatherleaf, sedges, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Hemic Clay to silty clay	0-340 340+

**Location:** 1420 feet N and 975 feet E of the SW corner of Sec. 2, T.64N., R.27W. (SW1/4 of SE1/4 of NW1/4 of SW1/4, Sec. 2, T.64N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered tamarack and paper birch; sparse understory consists of some black spruce and Labrador tea; ground cover consists mostly of Sphagnum mosses with some cranberry and snowberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Sether and D. Haverkost on April 8, 1980.

Layer	Depth (cm)
Hemic Sapric Silt loam with pebbles	0-122 122-152 152+

**Location:** 2600 feet S and 1240 feet E of the NW corner of Sec. 1, T.65N., R.27W. (SE1/4 of SE1/4 of SW1/4 of NW1/4, Sec. 1, T.65N., R.27W.)  
**Vegetation:** Tamarack crown cover of about 60 percent with scattered black spruce; sparse understory consists of grasses with some swamp laurel and leatherleaf; ground cover consists of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 30, 1979.

Layer	Depth (cm)
Hemic Medium sand	0-244 244+

**Location:** 1020 feet N and 125 feet E of the SW corner of Sec. 33, T.160N., R.26W. (NW1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 33, T.160N., R.26W.)  
**Vegetation:** Scattered aspen; lush understory consists mostly of grasses and speckled alder.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem on November 16, 1979.

Layer	Depth (cm)
Hemic Silty clay	0-106 106+

**Location:** 2200 feet S and 500 feet E of the NW corner of Sec. 34, T.64N., R.27W. (Gov. Lot 2, Sec. 34, T.64N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some sedges, cotton grass, Labrador tea, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and N. Aaseng on December 10, 1979.

Layer	Depth (cm)
Fibric Hemic Sapric Sandy loam Medium fine sand	0- 61 61-137 137-145 145-150 150+

**Location:** 50 feet N and 300 feet W of the SE corner of Sec. 14, T.65N., R.27W. (Gov. Lot 4, Sec. 14, T.65N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists of leatherleaf with some grasses, black spruce, tamarack, Labrador tea, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some feather mosses and false Solomon's seal.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** H. Mooers and S. Nelson on April 8, 1980.

Layer	Depth (cm)
Fibric Hemic Loamy sand with gravel	0- 61 61-213 213+

**Location:** 1750 feet S and 260 feet E of the NW corner of Sec. 1, T.64N., R.27W. (SW1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 1, T.64N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 90 percent; sparse understory consists of some grasses, Labrador tea, and leatherleaf; ground cover consists mostly of Sphagnum mosses with some feather mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and S. Nelson on April 8, 1980.

Layer	Depth (cm)
Fibric Hemic Sand	0- 61 61-183 183+

**Location:** 50 feet N and 2500 feet E of the SW corner of Sec. 36, T.64N., R.27W. (SE1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 36, T.64N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of sedges and leatherleaf with some alder, grasses, and Labrador tea; ground cover was not observed due to ice cover on surface.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** 10 cm. above surface.  
**Described By:** H. Mooers and B. Sether on April 10, 1980.

Layer	Depth (cm)
Hemic Sapric Sand	0-152 152-183 183+

**Location:** 1960 feet N and 1800 feet W of the SE corner of Sec. 23, T.65N., R.27W. (Gov. Lot 3, Sec. 23, T.65N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of black spruce with some Labrador tea, leatherleaf, swamp laurel, bog rosemary, and grasses; ground cover consists mostly of Sphagnum mosses with some feather mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** B. Sether and D. Haverkost on April 8, 1980.

Layer	Depth (cm)
Hemic Fine and medium sand	0-152 152+

**Location:** 2325 feet N and 650 feet W of the SE corner of Sec. 24, T.65N., R.27W.  
(Gov. Lot 3, Sec. 24, T.65N., R.27W.)  
**Vegetation:** Scattered black spruce and paper birch; understory consists of alder with some grasses; ground cover consists mostly of Sphagnum mosses with some other mosses and snowberry.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** B. Sether and D. Haverkost on April 8, 1980.

Layer	Depth (cm)
Sapric	0-122
Sandy loam	122+

**Location:** 250 feet S and 880 feet W of the NE corner of Sec. 2, T.67N., R.27W.  
(Gov. Lot 1, Sec. 2, T.67N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered tamarack; sparse understory consists of some sedges, Labrador tea, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 23 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-167
Sandy clay	167+

**Location:** 1600 feet S and 2590 feet W of the NE corner of Sec. 12, T.68N., R.27W.  
(NW1/4 of NW1/4 of SW1/4 of NE1/4, Sec. 12, T.68N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 75 percent; understory consists of leatherleaf; ground cover consists mostly of Sphagnum mosses with some other mosses, lingen berry, blueberry, snowberry, and cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Hemic	0-45
Sapric	45-89
Clay	89+

**Location:** 2000 feet S and 600 feet E of the NW corner of Sec. 25, T.65N., R.27W.  
(NE1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 25, T.65N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 90 percent; understory consists of Labrador tea with some grasses, black spruce, and swamp laurel; ground cover consists of Sphagnum mosses with some other mosses, bilberry, cranberry, false Solomon's seal, and lichens.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** H. Mooers and S. Nelson on April 8, 1980.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-198
Loam	198+

**Location:** 640 feet N and 2010 feet W of the SE corner of Sec. 25, T.67N., R.27W.  
(SE1/4 of NW1/4 of SW1/4 of SE1/4, Sec. 25, T.67N., R.27W.)  
**Vegetation:** Scattered black spruce and poplar; understory consists of some Labrador tea, leatherleaf, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and snowberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 30, 1979.

Layer	Depth (cm)
Hemic	0-183
Medium to fine sand	183+

**Location:** 1590 feet S and 1910 feet E of the NW corner of Sec. 13, T.68N., R.27W.  
(NE1/4 of NW1/4 of SE1/4 of NW1/4, Sec. 13, T.68N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some poplar, Labrador tea, leatherleaf, swamp laurel, and grasses; ground cover consists mostly of Sphagnum mosses with some cranberry and snowberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Hemic	0-69
Coarse sand	69+

**Location:** 2000 feet S and 650 feet E of the NW corner of Sec. 26, T.65N., R.27W.  
(Gov. Lot 2, Sec. 26, T.65N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 85 percent with scattered tamarack; understory consists of some leatherleaf, swamp laurel, grasses, and sedges; ground cover consists mostly of Sphagnum mosses with some feather mosses, cranberry, snowberry, bilberry, and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** H. Mooers and S. Nelson on April 8, 1980.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-244
Sand	244+

**Location:** 2600 feet S and 2290 feet W of the NE corner of Sec. 26, T.67N., R.27W.  
(Gov. Lot 2, Sec. 26, T.67N., R.27W.)  
**Vegetation:** Clear cut area with scattered black spruce and aspen surrounded by black spruce crown cover; understory consists of Labrador tea with some swamp laurel, speckled alder, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and P. Guertin on November 30, 1979.

Layer	Depth (cm)
Hemic	0-244
Sand	244+

**Location:** 270 feet N and 200 feet E of the SW corner of Sec. 26, T.68N., R.27W.  
(Gov. Lot 4, Sec. 26, T.68N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 75 percent; sparse understory consists of some Labrador tea; ground cover consists mostly of mosses including some Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Graber and D. Haverkost on November 30, 1979.

Layer	Depth (cm)
Hemic	0-152
Sandy clay	152+

**Location:** 50 feet N and 1100 feet W of the SE corner of Sec. 36, T.68N., R.27W. (SW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 36, T.68N., R.27W.)

**Vegetation:** Black spruce crown cover or about 95 percent; sparse understory consists of leatherleaf with some Labrador tea and swamp laurel; ground cover consists of Sphagnum mosses.

**Microrelief:** 20 cm.

**Depth To Water Table:** At surface.

**Described By:** R. Graber and D. Haverkost on November 29, 1979.

Layer	Depth (cm)
Fibric	0-106
Sapric	106-122
Silty clay	122+

**Location:** 2000 feet S and 840 feet E of the NW corner of Sec. 12, T.69N., R.27W. (NW1/4 of SE1/4 of SW1/4 of NW1/4, Sec. 12, T.69N., R.27W.)

**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some sedges, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry, false Solomon's seal, and other mosses.

**Microrelief:** 15 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Olson and N. Aaseng on November 15, 1979.

Layer	Depth (cm)
Hemic	0-208
Clay	208+

**Location:** 1500 feet S and 460 feet W of the NE corner of Sec. 14, T.69N., R.27W. (Gov. Lot 2, Sec. 14, T.69N., R.27W.)

**Vegetation:** Black spruce crown cover of about 90 percent; lush understory consists mostly of Labrador tea and leatherleaf with grasses and some bog rosemary and swamp laurel; ground cover consists mostly of Sphagnum mosses with cranberry.

**Microrelief:** 40 cm.

**Depth To Water Table:** 15 cm.

**Described By:** B. Wakanabo on August 25, 1977.

Layer	Depth (cm)
Hemic	0- 18
Fibric	18- 30
Hemic	30-337
Muck	337-344
Silty clay loam	344+

**Location:** 2430 feet S and 160 feet W of the NE corner of Sec. 2, T.69N., R.27W. (Gov. Lot 2, Sec. 2, T.69N., R.27W.)

**Vegetation:** Scattered black spruce, poplar, tamarack, and paper birch; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, and grasses; ground cover consists mostly of Sphagnum mosses with some snow-berry.

**Microrelief:** 15 cm.

**Depth To Water Table:** At surface.

**Described By:** R. Graber and D. Haverkost on November 15, 1979.

Layer	Depth (cm)
Hemic	0-76
Sapric	76-91
Fine sand	91+

**Location:** 10 feet N and 2030 feet W of the SE corner of Sec. 12, T.69N., R.27W. (SE1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 12, T.69N., R.27W.)

**Vegetation:** Black spruce crown cover of about 90 percent with scattered tamarack; understory consists of Labrador tea with some grasses, bog rosemary, leatherleaf, and swamp laurel; ground cover consists mostly of cranberry with Sphagnum mosses.

**Microrelief:** 35 cm.

**Depth To Water Table:** 20 cm.

**Described By:** B. Wakanabo on August 25, 1977.

Layer	Depth (cm)
Fibric	0- 25
Hemic	25-178
Loam	178+

**Location:** 1700 feet S and 1080 feet W of the NE corner of Sec. 23, T.69N., R.27W. (Gov. Lot 2, Sec. 23, T.69N., R.27W.)

**Vegetation:** Black spruce crown cover of about 75 percent; lush understory consists mostly of sedges with some leatherleaf and Labrador tea; ground cover consists of some cranberry.

**Microrelief:** 35 cm.

**Depth To Water Table:** 5 cm.

**Described By:** B. Wakanabo on August 23, 1977.

Layer	Depth (cm)
Fibric	0- 24
Hemic	24-329
Silt	329+

**Location:** 1810 feet N and 480 feet W of the SE corner of Sec. 11, T.69N., R.27W. (Gov. Lot 3, Sec. 11, T.69N., R.27W.)

**Vegetation:** Black spruce crown cover of about 90 percent with scattered tamarack; lush understory consists mostly of grasses with leatherleaf and some swamp laurel and Labrador tea; ground cover consists of Sphagnum mosses with some cranberry.

**Microrelief:** 25 cm.

**Depth To Water Table:** 10 cm.

**Described By:** B. Wakanabo on August 25, 1977.

Layer	Depth (cm)
Hemic	0-223
Muck	223-232
Silty clay	232+

**Location:** 20 feet S and 20 feet W of the NE corner of Sec. 13, T.69N., R.27W. (NE1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 13, T.69N., R.27W.)

**Vegetation:** Black spruce crown cover of about 90 percent with scattered tamarack; understory consists of leatherleaf with some swamp laurel, grasses, and bog birch; ground cover consists of mosses with some cranberry, blueberry, false Solomon's seal, and Sphagnum mosses.

**Microrelief:** 20 cm.

**Depth To Water Table:** Below 45 cm.

**Described By:** B. Wakanabo on August 25, 1977.

Layer	Depth (cm)
Fibric	0- 16
Sapric	16- 31
Sandy loam	31+

**Location:** 1650 feet S and 2020 feet W of the NE corner of Sec. 24, T.69N., R.27W. (SE1/4 of NW1/4 of SW1/4 of NE1/4, Sec. 24, T.69N., R.27W.)

**Vegetation:** Black spruce crown cover of about 95 percent; lush understory consists mostly of Labrador tea with some sedges; ground cover consists mostly of Sphagnum mosses with some cranberry.

**Microrelief:** 30 cm.

**Depth To Water Table:** 20 cm.

**Described By:** D. Olson on August 23, 1977.

Layer	Depth (cm)
Fibric	0-115
Hemic	115-265
Silty clay	265+

**Location:** 1600 feet S and 670 feet W of the NE corner of Sec. 24, T.69N., R.27W. (NE1/4 of NW1/4 of SE1/4 of NE1/4, Sec. 24, T.69N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 95 percent; understory consists of sedges and Labrador tea with some swamp laurel; ground cover consists of cranberry.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** 25 cm.  
**Described By:** B. Wakanabo on August 23, 1977.

Layer	Depth (cm)
Fibric	0- 84
Hemic	84-193
Silty clay	193+

**Location:** 1680 feet S and 1950 feet E of the NW corner of Sec. 24, T.69N., R.27W. (SE1/4 of NW1/4 of SE1/4 of NW1/4, Sec. 24, T.69N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 90 percent; lush understory consists mostly of sedges with some leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** B. Wakanabo on August 23, 1977.

Layer	Depth (cm)
Fibric	0- 74
Hemic	74-256
Clay loam	256+

**Location:** 500 feet N and 550 feet E of the SW corner of Sec. 24, T.69N., R.27W. (NE1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 24, T.69N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; lush understory consists mostly of Labrador tea with grasses and some swamp laurel; ground cover consists of Sphagnum mosses and false Solomon's seal.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** B. Wakanabo on August 23, 1979.

Layer	Depth (cm)
Hemic	0-104
Silty clay	104+

**Location:** 2210 feet S and 2500 feet E of the NW corner of Sec. 14, T.152N., R.27W. (NE1/4 of SE1/4 of SE1/4 of NW1/4, Sec. 14, T.152N., R.27W.)  
**Vegetation:** Scattered black spruce; understory consists mostly of grasses with some leatherleaf, Labrador tea, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Not visible.  
**Described By:** T. Malterer and N. Aaseng on December 10, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-366
Sandy clay with pebbles	366+

**Location:** 500 feet S and 2580 feet E of the NW corner of Sec. 22, T.152N., R.27W. (SE1/4 of NE1/4 of NE1/4 of NW1/4, Sec. 22, T.152N., R.27W.)  
**Vegetation:** Northern white cedar crown cover of about 30 percent with some scattered black spruce and tamarack; sparse understory consists of some bog birch, willow, Labrador tea, speckled alder, leatherleaf, bog rosemary, grasses, and swamp cinquefoil; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** T. Malterer and N. Aaseng on December 10, 1979.

Layer	Depth (cm)
Hemic	0-218
Sapric	218-292
Loamy sand	292+

**Location:** 1200 feet N and 1125 feet E of the SW corner of Sec. 3, T.153N., R.27W. (NE1/4 of NE1/4 of SW1/4 of SW1/4, Sec. 3, T.153N., R.27W.)  
**Vegetation:** Northern white cedar crown cover of about 35 percent with scattered black spruce and tamarack; sparse understory consists of some leatherleaf, Labrador tea, alder, and sedges; ground cover consists mostly of Sphagnum mosses with some reindeer moss, snowberry, and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 7 cm.  
**Described By:** H. Mooers and D. Haverkost on April 3, 1980.

Layer	Depth (cm)
Hemic	0-61
Sapric	61-91
Sand	91+

**Location:** 1500 feet N and 250 feet E of the SW corner of Sec. 10, T.153N., R.27W. (SW1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 10, T.153N., R.27W.)  
**Vegetation:** Tamarack crown cover of about 65 percent; understory consists of grasses with some black spruce, sedges, Phragmites, cattails, Labrador tea, and bog rosemary; ground cover consists of some mosses and pitcher plant.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and S. Nelson on April 3, 1980.

Layer	Depth (cm)
Fibric	0-183
Hemic	183-290
Loamy sand with calcareous pebbles	290+

**Location:** 1400 feet N and 150 feet W of the SE corner of Sec. 11, T.153N., R.27W. (SE1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 11, T.153N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some alder, leatherleaf, sedges, grasses, ferns, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on April 3, 1980.

Layer	Depth (cm)
Hemic	0-183
Sapric	183-244
Silty clay loam	244+

**Location:** 2365 feet N and 400 feet W of the SE corner of Sec. 36, T.153N., R.27W. (NW1/4 of NE1/4 of NE1/4 of SE1/4, Sec. 36, T.153N., R.27W.)  
**Vegetation:** Northern white cedar crown cover of about 85 percent with scattered balsam fir; sparse understory consists of some shrubs and grasses; ground cover consists of some mosses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on October 25, 1976.

Layer	Depth (cm)
Sapric	0-86
Clay loam	86+

**Location:** 120 feet N and 625 feet E of the SW corner of Sec. 1, T.154N., R.27W.  
(SE1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 1, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; sparse understory consists of balsam fir and tamarack; ground cover consists of Sphagnum mosses and feather mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** T. Malterer on August 17, 1976.

Layer	Depth (cm)
Hemic	0-137
Sandy	137+
clay	
loam	

**Location:** 2030 feet S and 870 feet E of the NW corner of Sec. 2, T.154N., T.27W.  
(NW1/4 of SE1/4 of SW1/4 of NW1/4, Sec. 2, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; sparse understory consists of some grasses, Labrador tea, and leatherleaf; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, snowberry, and pitcher plant.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** B. Sether and D. Haverkost on March 27, 1980.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-213
Fibric	213-274
Hemic	274-305
Sapric	305-320
Sandy	320+
clay	
with	
pebbles	

**Location:** 100 feet N and 1575 feet W of the SE corner of Sec. 2, T.154N., R.27W.  
(SE1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 2, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered tamarack; understory consists of some leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some snowberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and L. Severson on March 25, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61- 91
Fibric	91-122
Hemic	122-152
Fibric	152-183
Sapric	183-213
Hemic	213-274
Sapric	274-290
Sandy	290+

**Location:** 110 feet N and 1075 feet E of the SW corner of Sec. 1, T.154N., R.27W.  
(SE1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 1, T.154N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** T. Malterer on August 17, 1976.

Layer	Depth (cm)
Sapric	0-51
Sandy	51+
clay	
loam	

**Location:** 75 feet N and 685 feet E of the SW corner of Sec. 2, T.154N., R.27W.  
(SW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 2, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists of leatherleaf and cotton grass with some bog rosemary and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 17, 1976.

Layer	Depth (cm)
Fibric	0- 46
Hemic	46-290
Sandy	290+
clay	
loam	

**Location:** 125 feet N and 860 feet W of the SE corner of Sec. 2, T.154N., R.27W.  
(SE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 2, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered tamarack; lush understory consists mostly of leatherleaf with some swamp laurel, bog rosemary, cotton grass, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 17, 1976.

Layer	Depth (cm)
Hemic	0-244
Sandy	244+
clay	
loam	

**Location:** 150 feet S and 100 feet E of the NW corner of Sec. 1, T.154N., R.27W.  
(Gov. Lot 4, Sec. 1, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered paper birch; lush understory consists mostly of Labrador tea with cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 17, 1976.

Layer	Depth (cm)
Hemic	0- 81
Sand	81+

**Location:** 100 feet N and 2065 feet W of the SE corner of Sec. 2, T.154N., R.27W.  
(SE1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 2, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 65 percent with scattered tamarack; lush understory consists mostly of Labrador tea and leatherleaf with cotton grass and some bog rosemary and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 17, 1976.

Layer	Depth (cm)
Fibric	0- 46
Hemic	46-254
Loamy	254+
sand	

**Location:** 50 feet S and 2000 feet W of the NE corner of Sec. 2, T.154N., R.27W.  
(Gov. Lot 2, Sec. 2, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 17, 1976.

Layer	Depth (cm)
Hemic	0-183
Sandy	183+
clay	
loam	

**Location:** 800 feet S and 1990 feet E of the NW corner of Sec. 2, T.154N., R.27W.  
(Gov. Lot 3, Sec. 2, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 15 percent; understory consists of black spruce with some Labrador tea, leatherleaf, swamp laurel, bog rosemary, and sedges; ground cover consists mostly of sphagnum mosses with some other mosses, cranberry, and snowberry.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** B. Sether and D. Haverkost on March 26, 1980.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-152
Fibric	152-244
Sapric	244-290
Sandy loam with pebbles	290+

**Location:** 225 feet N and 700 feet E of the SW corner of Sec. 3, T.154N., R.27W.  
(SW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists of some Labrador tea, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 25 cm.  
**Described By:** H. Mooers and L. Severson on March 27, 1980.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-213
Sapric	213-244
Medium sand	244+

**Location:** 100 feet N and 2575 feet W of the SE corner of Sec. 3, T.154N., R.27W.  
(SW1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of cotton grass and swamp laurel with Labrador tea and leatherleaf; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 16, 1976.

Layer	Depth (cm)
Hemic	0-259
Medium sand	259+

**Location:** 2275 feet N and 750 feet E of the SW corner of Sec. 3, T.154N., R.27W.  
(SW1/4 of NE1/4 of NW1/4 of SW1/4, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists mostly of leatherleaf with cotton grass and some Labrador tea; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 17, 1976.

Layer	Depth (cm)
Peat	0-244
Sandy loam	244+

**Location:** 100 feet N and 700 feet E of the SW corner of Sec. 3, T.154N., R.27W.  
(SW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Lush understory consists mostly of leatherleaf and Labrador tea with some swamp laurel, black spruce, and tamarack; ground cover consists of Sphagnum mosses and other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 16, 1976.

Layer	Depth (cm)
Fibric	0- 18
Hemic	18-163
Sandy clay loam	163+

**Location:** 100 feet N and 675 feet W of the SE corner of Sec. 3, T.154N., R.27W.  
(SW1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists of Labrador tea, swamp laurel, and cotton grass with some bog rosemary and leatherleaf; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** M. Domeier on August 17, 1976.

Layer	Depth (cm)
Hemic	0- 30
Fibric	30- 50
Hemic	50-310
Sandy clay loam	310+

**Location:** 75 feet N and 65 feet E of the SW corner of Sec. 3, T.154N., R.27W.  
(SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 50 percent with a tamarack crown cover of about 40 percent; lush understory consists mostly of leatherleaf with Labrador tea, swamp laurel and some cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** M. Domeier on August 16, 1976.

Layer	Depth (cm)
Fibric	0- 18
Hemic	18-127
Sandy clay loam	127+

**Location:** 100 feet N and 2200 feet E of the SW corner of Sec. 3, T.154N., R.27W.  
(SW1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; lush understory consists mostly of leatherleaf with cotton grass and some swamp laurel and bog rosemary; ground cover consists mostly of Sphagnum mosses with some pitcher plant.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 16, 1976.

Layer	Depth (cm)
Fibric	0- 23
Hemic	23-249
Clay loam	249+

**Location:** 100 feet N and 75 feet W of the SE corner of Sec. 3, T.154N., R.27W.  
(SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists of some Labrador tea, bog rosemary, leatherleaf, and grasses; ground cover consists mostly of Sphagnum mosses with some feather mosses, cranberry, and snowberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** H. Mooers and L. Severson on March 27, 1980.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61- 91
Fibric	91-122
Hemic	122-152
Fibric	152-183
Hemic	183-335
Loam	335+

**Location:** 800 feet S and 600 feet W of the NE corner of Sec. 3, T.154N., R.27W.  
(Gov. Lot 1, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists of Labrador tea with some cotton grass, swamp laurel, leatherleaf, and bog rosemary; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 17, 1976.

Layer	Depth (cm)
Fibric	0- 20
Hemic	20-249
Sandy clay loam	249+

**Location:** 25 feet S and 2075 feet E of the NW corner of Sec. 3, T.154N., R.27W.  
(Gov. Lot 3, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of some Labrador tea, leatherleaf, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses with some other mosses, false Solomon's seal, and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth and R. Fox on August 26, 1976

Layer	Depth (cm)
Fibric	0- 10
Hemic	10- 51
Sapric	51-244
Medium sand	244+

**Location:** 50 feet N and 2150 feet E of the SW corner of Sec. 4, T.154N., R.27W.  
(SE1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 4, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists mostly of Labrador tea and horsetail with some willow, balsam fir, and paper birch; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 16, 1976.

Layer	Depth (cm)
Hemic	0-51
Clay loam	51+

**Location:** 25 feet S and 1690 feet W of the NE corner of Sec. 3, T.154N., R.27W.  
(Gov. Lot 2, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Lush understory consists mostly of black spruce with some Labrador tea, leatherleaf, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 26, 1976.

Layer	Depth (cm)
Fibric	0- 76
Hemic	76-213
Sapric	213-244
Clay loam	244+

**Location:** 25 feet S and 755 feet E of the NW corner of Sec. 3, T.154N., R.27W.  
(Gov. Lot 4, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists of Labrador tea, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 19, 1976.

Layer	Depth (cm)
Fibric	0- 20
Hemic	20-198
Mineral soil	198+

**Location:** 30 feet N and 2610 feet W of the SE corner of Sec. 4, T.154N., R.27W.  
(SW1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 4, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; sparse understory consists of some cotton grass, Labrador tea, and Indian pipes; ground cover consists mostly of Sphagnum and other mosses.  
**Microrelief:** 50 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 16, 1976.

Layer	Depth (cm)
Hemic	0-76
Sandy clay loam	76+

**Location:** 840 feet S and 2550 feet W of the NE corner of Sec. 3, T.154N., R.27W.  
(Gov. Lot 2, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; sparse understory consists of some Labrador tea and leatherleaf; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 17, 1976.

Layer	Depth (cm)
Peat	0-249
Sandy loam	249+

**Location:** 875 feet S and 825 feet E of the NW corner of Sec. 3, T.154N., R.27W.  
(Gov. Lot 4, Sec. 3, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists mostly of leatherleaf with cotton grass and some Labrador tea; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier and T. Malterer on August 17, 1976.

Layer	Depth (cm)
Peat	0-183
Loamy sand	183+

**Location:** 50 feet N and 1650 feet W of the SE corner of Sec. 4, T.154N., R.27W.  
(SE1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 4, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists mostly of swamp laurel with Labrador tea and some cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 16, 1976.

Layer	Depth (cm)
Fibric	0- 25
Hemic	25-122
Sandy clay loam	122+



**Location:** 75 feet N and 660 feet W of the SE corner of Sec. 4, T.154N., R.27W.  
(SE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 4, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists mostly of leatherleaf with Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 16, 1976.

Layer	Depth (cm)
Fibric	0-25
Hemic	25-61
Medium sand	61+

**Location:** 75 feet S and 325 feet W of the NE corner of Sec. 4, T.154N., R.27W.  
(Gov. Lot 1, Sec. 4, T.154N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth and R. Fox on August 20, 1976.

Layer	Depth (cm)
Hemic	0- 33
Sapric	33-102
Clay loam with calcareous pebbles	102+

**Location:** 50 feet S and 550 feet W of the NE corner of Sec. 4, T.154N., R.27W.  
(Gov. Lot 1, Sec. 4, T.154N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth and R. Fox on August 20, 1976.

Layer	Depth (cm)
Hemic	0- 33
Sapric	33-101
Clay loam	101+

**Location:** 50 feet S and 850 feet W of the NE corner of Sec. 4, T.154N., R.27W.  
(Gov. Lot 1, Sec. 4, T.154N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth and R. Fox on August 20, 1976.

Layer	Depth (cm)
Hemic	0-76
Clay loam	76+

**Location:** 75 feet S and 1500 feet W of the NE corner of Sec. 4, T.154N., R.27W.  
(Gov. Lot 2, Sec. 4, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; sparse understory consists of horsetail with some Labrador tea, sedges, and balsam fir; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 24, 1976.

Layer	Depth (cm)
Fibric	0- 10
Sapric	10- 22
Sandy clay loam	22- 40
Silt loam	40+

**Location:** 75 feet S and 1800 feet W of the NE corner of Sec. 4, T.154N., R.27W.  
(Gov. Lot 2, Sec. 4, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of Labrador tea and horsetail, with some bog birch, sedges, and ferns; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 24, 1976.

Layer	Depth (cm)
Fibric	0- 8
Sapric	8-15
Fibric	15-23
Hemic	23-28
Mineral soil	28+

**Location:** 2225 feet S and 1750 feet E of the NW corner of Sec. 5, T.154N., R.27W.  
(NW1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 5, T.154N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of leatherleaf with swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on September 13, 1976.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-162
Sapric	162-198
Loam	198+

**Location:** 125 feet N and 290 feet E of the SW corner of Sec. 5, T.154N., R.27W.  
(SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 5, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; understory consists of Labrador tea with some cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on September 9, 1976.

Layer	Depth (cm)
Fibric	0- 20
Hemic	20-142
Sapric	142-216
Silt loam	216+

**Location:** 150 feet N and 1650 feet E of the SW corner of Sec. 5, T.154N., R.27W.  
(SW1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 5, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; lush understory consists mostly of leatherleaf with some sedges and speckled alder; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 13, 1976.

Layer	Depth (cm)
Fibric	0- 25
Hemic	25-106
Clay loam	106+

**Location:** 75 feet S and 1860 feet E of the NW corner of Sec. 5, T.154N., R.27W.  
(Gov. Lot 3, Sec. 5, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 50 percent; understory consists of leatherleaf and cotton grass with some Labrador tea and swamp laurel; ground cover consists of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 16, 1976.

Layer	Depth (cm)
Hemic	0-198
Sapric	198-269
Sand	269+

**Location:** 100 feet S and 120 feet E of the NW corner of Sec. 5, T.154N., R.27W.  
(Gov. Lot 4, Sec. 5, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of leatherleaf and cotton grass with some Labrador tea and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 16, 1976.

Layer	Depth (cm)
Hemic	0-283
Coarse sandy loam with limestone pebbles	283+

**Location:** 100 feet N and 1690 feet E of the SW corner of Sec. 6, T.154N., R.27W.  
(SW1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 6, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 50 percent; lush understory consists mostly of Labrador tea with some leatherleaf, swamp laurel, and cotton grass; ground cover consists of some false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 13, 1976.

Layer	Depth (cm)
Fibric	0- 18
Hemic	18-198
Sand	198+

**Location:** 2215 feet N and 635 feet W of the SE corner of Sec. 6, T.154N., R.27W.  
(SW1/4 of NE1/4 of NE1/4 of SE1/4, Sec. 6, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; lush understory consists mostly of leatherleaf with grasses and some Labrador tea and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on October 28, 1976.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-335
Mineral soil	335+

**Location:** 125 feet N and 725 feet W of the SE corner of Sec. 6, T.154N., R.27W.  
(SE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 6, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists mostly of leatherleaf with some Labrador tea and swamp laurel; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 13, 1976.

Layer	Depth (cm)
Fibric	0- 18
Hemic	18-147
Clay loam	147+

**Location:** 1400 feet S and 740 feet E of the NW corner of Sec. 6, T.154N., R.27W.  
(Gov. Lot 5, Sec. 6, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of cotton grass with some leatherleaf and Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Zarth and R. Fox on September 9, 1976.

Layer	Depth (cm)
Fibric	0- 75
Hemic	75-338
Sand	338+

**Location:** 75 feet N and 80 feet E of the SW corner of Sec. 8, T.154N., R.27W.  
(SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 8, T.154N., R.27W.)  
**Vegetation:** Scattered black spruce, balsam fir, and paper birch; lush understory consists mostly of speckled alder with grasses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** M. Domeier on November 3, 1976.

Layer	Depth (cm)
Hemic	0- 30
Coarse sand with pebbles	30+

**Location:** 50 feet N and 1600 feet E of the SW corner of Sec. 8, T.154N., R.27W.  
(SW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 8, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with a tamarack crown cover of about 35 percent with scattered paper birch; understory consists of bog birch, speckled alder, and grasses with some sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 3, 1976.

Layer	Depth (cm)
Hemic	0-101
Silt loam	101+

**Location:** 75 feet N and 2380 feet W of the SE corner of Sec. 8, T.154N., R.27W.  
(SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 8, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack and paper birch; lush understory consists mostly of speckled alder with Labrador tea and some leatherleaf and fern.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 3, 1976.

Layer	Depth (cm)
Hemic	0-122
Clay loam	122+

**Location:** 550 feet N and 1300 feet W of the SE corner of Sec. 8, T.154N., R.27W.  
(NW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 8, T.154N., R.27W.)  
**Vegetation:** Consists mostly of sedges and speckled alder.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 3, 1976.

Layer	Depth (cm)
Hemic	0-76
Clay	76+
loam	

**Location:** 2050 feet S and 25 feet E of the NW corner of Sec. 11, T.154N., R.27W.  
(NW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 11, T.154N., R.27W.)  
**Vegetation:** Scattered black spruce; understory consists mostly of leatherleaf with some Labrador tea and sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 1, 1976.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-257
Clay	257+
loam	

**Location:** 2230 feet N and 25 feet E of the SW corner of Sec. 11, T.154N., R.27W.  
(SW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 11, T.154N., R.27W.)  
**Vegetation:** Scattered tamarack; lush understory consists mostly of sedges and leatherleaf with some bog birch; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox on September 1, 1976.

Layer	Depth (cm)
Fibric	0- 46
Hemic	46-203
Clay	203+
loam	

**Location:** 325 feet N and 40 feet E of the SW corner of Sec. 11, T.154N., R.27W.  
(SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 11, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 50 percent; lush understory consists mostly of Labrador tea with leatherleaf and some sedges and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 30 cm..  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox on September 1, 1976.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-254
Sapric	254-272
Clay	272+
loam	

**Location:** 250 feet N and 1175 feet E of the SW corner of Sec. 11, T.154N., R.27W.  
(SE1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 11, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists mostly of leatherleaf with cotton grass and some Labrador tea and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry and other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier on September 1, 1976.

Layer	Depth (cm)
Fibric	0- 76
Hemic	76-287
Coarse sand	287+

**Location:** 125 feet N and 2075 feet W of the SE corner of Sec. 11, T.154N., R.27W.  
(SE1/4 of SW1/4 of NW1/4 of SE1/4, Sec. 11, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of leatherleaf with some Labrador tea and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier on August 31, 1976.

Layer	Depth (cm)
Fibric	0- 51
Hemic	51-279
Clay	279+
loam	

**Location:** 1300 feet S and 25 feet E of the NW corner of Sec. 12, T.154N., R.27W.  
(SW1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 12, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists mostly of leatherleaf with some Labrador tea, swamp laurel, sedges, cotton grass, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on August 31, 1976.

Layer	Depth (cm)
Fibric	0- 51
Hemic	51-244
Sapric	244-295
Sand	295+

**Location:** 2400 feet S and 2025 feet E of the NW corner of Sec. 12, T.154N., R.27W.  
(SW1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 12, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of leatherleaf and Labrador tea with some swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 3, 1976.

Layer	Depth (cm)
Hemic	0-228
Sapric	228-246
Sand	246+

**Location:** 2425 feet N and 25 feet E of the SW corner of Sec. 12, T.154N., R.27W.  
(NW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 12, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of sedges with some Labrador tea and leatherleaf; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox on August 31, 1976.

Layer	Depth (cm)
Fibric	0- 15
Hemic	15- 51
Sapric	51- 66
Hemic	66-279
Loam	279+

**Location:** 25 feet N and 25 feet E of the SW corner of Sec. 12, T.154N., R.27W. (SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 12, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of leatherleaf with some Labrador tea, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R Fox in August, 1976.

Layer	Depth (cm)
Fibric	0- 15
Hemic	15-307
Sapric	307-333
Clay loam	333+

**Location:** 2575 feet S and 1100 feet W of the NE corner of Sec. 12, T.154N., R.27W. (Gov. Lot 2, Sec. 12, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; lush understory consists mostly of Labrador tea with some leatherleaf; ground cover consists of Sphagnum and other mosses with some cranberry.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 3, 1976.

Layer	Depth (cm)
Fibric	0- 7
Hemic	7-172
Sapric	172-178
Loam	178+

**Location:** 2590 feet S and 1825 feet W of the NE corner of Sec. 13, T.154N., R.27W. (SW1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of Labrador tea with some leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 3, 1976.

Layer	Depth (cm)
Hemic	0-427
Mineral soil	427+

**Location:** 2375 feet N and 1575 feet W of the SE corner of Sec. 12, T.154N., R.27W. (NE1/4 of NE1/4 of NW1/4 of SE1/4, Sec. 12, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists mostly of Labrador tea with some leatherleaf and cotton grass; ground cover consists mostly of Sphagnum mosses with other mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 3, 1976.

Layer	Depth (cm)
Hemic	0-185
Sapric	185-189
Sandy loam	189+

**Location:** 2480 feet S and 550 feet W of the NE corner of Sec. 12, T.154N., R.27W. (Gov. Lot 2, Sec. 12, T.154N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 3, 1976.

Layer	Depth (cm)
Hemic	0-127
Sapric	127-135
Loam with calcareous pebbles	135+

**Location:** 975 feet S and 1800 feet E of the NW corner of Sec. 13, T.154N., R.27W. (SE1/4 of SW1/4 of NE1/4 of NW1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some leatherleaf, swamp laurel, bog rosemary, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** H. Mooers and L. Severson on March 27, 1980.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-122
Fibric	122-213
Hemic	213-244
Fibric	244-274
Hemic	274-366
Sapric	366-381
Clay	381+

**Location:** 50 feet N and 1725 feet W of the SE corner of Sec. 12, T.154N., R.27W. (SE1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 12, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of leatherleaf with some Labrador tea and swamp laurel; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier on September 3, 1976.

Layer	Depth (cm)
Fibric	0- 51
Hemic	51-325
Sapric	325-376
Sampler would not penetrate	

**Location:** 2350 feet S and 250 feet W of the NE corner of Sec. 12, T.154N., R.27W. (Gov. Lot 2, Sec. 12, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; ground cover consists of some Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 3, 1976.

Layer	Depth (cm)
Sapric	0-25
Hemic	25-40
Sapric	40-46
Sandy loam	46+

**Location:** 1700 feet N and 50 feet E of the SW corner of Sec. 13, T.154N., R.27W. (NW1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; lush understory consists mostly of leatherleaf with some cotton grass and Labrador tea; ground cover consists mostly of Sphagnum mosses with some pitcher plant and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Hemic	0-434
Clay loam	434+

**Location:** 1300 feet N and 375 feet E of the SW corner of Sec. 13, T.154N., R.27W.  
(SW1/4 of SE1/4 of NW1/4 of SW1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Consists mostly of black spruce.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Peat	0-384
Mineral soil	384+

**Location:** 1440 feet N and 475 feet E of the SW corner of Sec. 13, T.154N., R.27W.  
(NE1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Consists mostly of tamarack.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Peat	0-381
Mineral soil	381+

**Location:** 1125 feet N and 50 feet E of the SW corner of Sec. 13, T.154N., R.27W.  
(NW1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Consists of tamarack, bog birch, leatherleaf, and swamp laurel.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Peat	0-353
Mineral soil	353+

**Location:** 625 feet N and 50 feet E of the SW corner of Sec. 13, T.154N., R.27W.  
(NW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Consists of tamarack, bog birch, leatherleaf, and swamp laurel.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Peat	0-216
Fine sand	216+

**Location:** 300 feet N and 50 feet E of the SW corner of Sec. 13, T.154N., R.27W.  
(SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Consists of tamarack, leatherleaf, and Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Peat	0-216
Clay loam	216+

**Location:** 50 feet N and 50 feet E of the SW corner of Sec. 13, T.154N., R.27W.  
(SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Tamarack crown cover of about 60 percent with scattered black spruce; lush understory consists mostly of bog birch with Labrador tea and some leatherleaf, swamp laurel and sedges.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 3, 1976.

Layer	Depth (cm)
Sapric	0- 7
Hemic	7-36
Sand	36+

**Location:** 50 feet N and 275 feet E of the SW corner of Sec. 13, T.154N., R.27W.  
(SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Consists of tamarack, bog birch, leatherleaf, and Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Peat	0-127
Sandy loam	127+

**Location:** 50 feet N and 525 feet E of the SW corner of Sec. 13, T.154N., R.27W.  
(SE1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Crown cover consists of black spruce and tamarack; understory consists of leatherleaf, bog rosemary, and grasses; ground cover consists of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Peat	0-208
Fine sand	208+

**Location:** 50 feet N and 750 feet E of the SW corner of Sec. 13, T.154N., R.27W.  
(SW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Crown cover consists of black spruce and tamarack; understory consists of leatherleaf, bog birch, bog rosemary, and grasses; ground cover consists of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Peat	0-244
Fine sand	244+

**Location:** 50 feet N and 925 feet E of the SW corner of Sec. 13, T.154N., R.27W.  
(SW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 3, 1976.

Layer	Depth (cm)
Hemic	0-231
Mineral soil	231+

**Location:** 50 feet N and 1865 feet W of the SE corner of Sec. 13, T.154N., R.27W.  
(SW1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 13, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists mostly of leatherleaf with cotton grass and some Labrador tea and bog rosemary; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 3, 1976.

Layer	Depth (cm)
Fibric	0- 25
Hemic	25-432
Clay loam	432+

**Location:** 50 feet N and 1600 feet W of the SE corner of Sec. 14, T.154N., R.27W.  
(SE1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 14, T.154N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 3, 1976

Layer	Depth (cm)
Hemic	0-335
Sapric	335-360
Mineral soil	360+

**Location:** 50 feet N and 800 feet W of the SE corner of Sec. 14, T.154N., R.27W.  
(SE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 14, T.154N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 3, 1976.

Layer	Depth (cm)
Hemic	0-215
Sapric	215-231
Mineral soil	231+

**Location:** 50 feet N and 335 feet W of the SE corner of Sec. 14, T.154N., R.27W.  
(SW1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 14, T.154N., R.27W.)  
**Vegetation:** Crown cover consists of tamarack; understory consists of bog birch, bog rosemary, leatherleaf, and grasses; ground cover consists of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 3, 1976.

Layer	Depth (cm)
Peat	0-132
Fine sand	132+

**Location:** 2150 feet S and 175 feet E of the NW corner of Sec. 15, T.154N., R.27W.  
(NW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 15, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; lush understory consists mostly of Labrador tea with speckled alder, ferns, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 30, 1976.

Layer	Depth (cm)
Hemic	0-300
Sapric	300-312
Clay	312+

**Location:** 2270 feet N and 1290 feet W of the SE corner of Sec. 16, T.154N., R.27W.  
(SW1/4 of NW1/4 of NE1/4 of SE1/4, Sec. 16, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered tamarack; lush understory consists mostly of Labrador tea with some cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 30, 1976.

Layer	Depth (cm)
Hemic	0-274
Clay	274+

**Location:** 1050 feet S and 1880 feet W of the NE corner of Sec. 17, T.154N., R.27W.  
(SW1/4 of SE1/4 of NW1/4 of NE1/4, Sec. 17, T.154N., R.27W.)  
**Vegetation:** Balsam fir crown cover of about 60 percent; lush understory consists mostly of grasses with speckled alder and some ferns; ground cover consists of some feather mosses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 3, 1976.

Layer	Depth (cm)
Sapric	0-120
Sandy loam	120+

**Location:** 2075 feet S and 1880 feet W of the NE corner of Sec. 17, T.154N., R.27W.  
(NW1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 17, T.154N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with a northern white cedar crown cover of about 35 percent; understory consists of Labrador tea, sedges, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded  
**Described By:** M. Domeier on November 3, 1976.

Layer	Depth (cm)
Hemic	0-137
Fine sandy loam	137+

**Location:** 2260 feet N and 1880 feet W of the SE corner of Sec. 17, T.154N., R.27W.  
(SW1/4 of NE1/4 of NW1/4 of SE1/4, Sec. 17, T.154N., R.27W.)  
**Vegetation:** Scattered black spruce, tamarack, and northern white cedar; under-  
story consists of speckled alder with some Labrador tea and leatherleaf;  
ground cover consists of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 3, 1976.

Layer	Depth (cm)
Hemic	0-137
Clay	137+
loam	

**Location:** 1065 feet N and 1880 feet W of the SE corner of Sec. 17, T.154N., R.27W.  
(NW1/4 of NE1/4 of SW1/4 of SE1/4, Sec. 17, T.154N., R.27W.)  
**Vegetation:** Northern white cedar crown cover of about 70 percent with a black  
spruce crown cover of about 25 percent; understory consists of some grasses,  
leatherleaf, sedges, and Labrador tea; ground cover consists mostly of  
Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 3, 1976.

Layer	Depth (cm)
Hemic	0-97
Clay	97+
loam	

**Location:** 900 feet S and 1275 feet W of the NE corner of Sec. 22, T.154N., R.27W.  
(NW1/4 of SW1/4 of NE1/4 of NE1/4, Sec. 22, T.154N., R.27W.)  
**Vegetation:** Tamarack crown cover of about 50 percent; lush understory consists  
mostly of bog birch with some speckled alder.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 2, 1976.

Layer	Depth (cm)
Sapric	0-127
Medium	127-134
sand	
Clay	134+
sand	

**Location:** 1200 feet S and 800 feet W of the NE corner of Sec. 22, T.154N., R.27W.  
(SE1/4 of SW1/4 of NE1/4 of NE1/4, Sec. 22, T.154N., R.27W.)  
**Vegetation:** Northern white cedar crown cover of about 60 percent with scattered  
paper birch; understory consists of grasses with some speckled alder; ground  
cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 2, 1976.

Layer	Depth (cm)
Hemic	0-127
Sand	127+

**Location:** 430 feet S and 1500 feet W of the NE corner of Sec. 22, T.154N., R.27W.  
(SE1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 22, T.154N., R.27W.)  
**Vegetation:** Consists of sedges with some bog birch, willow, and speckled alder.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 30, 1976.

Layer	Depth (cm)
Peat	0-58
Mineral	58+
soil	

**Location:** 2075 feet N and 2090 feet W of the SE corner of Sec. 22, T.154N., R.27W.  
(SE1/4 of NW1/4 of NW1/4 of SE1/4, Sec. 22, T.154N., R.27W.)  
**Vegetation:** Tamarack crown cover of about 35 percent; lush understory consists  
mostly of bog birch and grasses with some fern; ground cover consists of  
Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 30, 1976.

Layer	Depth (cm)
Hemic	0-290
Fine	290+
sandy	
loam	

**Location:** 1700 feet S and 50 feet E of the NW corner of Sec. 23, T.154N., R.27W.  
(SW1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 23, T.154N., R.27W.)  
**Vegetation:** Northern white cedar crown cover of about 60 percent with scattered  
paper birch; understory consists of sedges with some speckled alder; ground  
cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on September 2, 1976.

Layer	Depth (cm)
Hemic	0-188
Sapric	188-216
Loam	216+

**Location:** 2275 feet S and 425 feet E of the NW corner of Sec. 23, T.154N., R.27W.  
(NE1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 23, T.154N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on September 2, 1976.

Layer	Depth (cm)
Hemic	0-259
Sapric	259-289
Sandy	289+
loam	

**Location:** 1990 feet N and 1610 feet E of the SW corner of Sec. 23, T.154N., R.27W.  
(NW1/4 of SW1/4 of NE1/4 of SW1/4, Sec. 23, T.154N., R.27W.)  
**Vegetation:** Balsam fir crown cover of about 60 percent with scattered northern  
white cedar; lush understory consists mostly of grasses with speckled alder  
and ferns; ground cover consists of some feather mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on August 26, 1976.

Layer	Depth (cm)
Hemic	0-391
Sapric	391-427
Sandy	427+
loam	

**Location:** 1125 feet N and 125 feet W of the SE corner of Sec. 23, T.154N., R.27W. (SE1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 23, T.154N., R.27W.)

**Vegetation:** Tamarack crown cover of about 35 percent; lush understory consists mostly of grasses with bog birch and some bog rosemary and fern; ground cover consists of Sphagnum mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Hemic	0-368
Fine sand	368+

**Location:** 575 feet N and 775 feet W of the SE corner of Sec. 23, T.154N., R.27W. (NW1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 23, T.154N., R.27W.)

**Vegetation:** Tamarack crown cover of about 35 percent with scattered black spruce; lush understory consists mostly of grasses with some bog birch; ground cover consists of Sphagnum and other mosses.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Hemic	0-353
Fine sand	353+

**Location:** 965 feet N and 390 feet W of the SE corner of Sec. 23, T.154N., R.27W. (SW1/4 of NW1/4 of SE1/4 of SE1/4, Sec. 23, T.154N., R.27W.)

**Vegetation:** Scattered black spruce and northern white cedar; understory consists of bog birch, cattails, Labrador tea, and leatherleaf; ground cover consists of Sphagnum mosses.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Peat	0-389
Fine sandy loam	389+

**Location:** 250 feet S and 25 feet E of the NW corner of Sec. 24, T.154N., R.27W. (NW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 24, T.154N., R.27W.)

**Vegetation:** Consists of tamarack and bog birch.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Peat	0-91
Mineral soil	91+

**Location:** 475 feet S and 25 feet E of the NW corner of Sec. 24, T.154N., R.27W. (SW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 24, T.154N., R.27W.)

**Vegetation:** Not recorded.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Hemic Sand	0-127
	127+

**Location:** 725 feet S and 25 feet E of the NW corner of Sec. 24, T.154N., R.27W. (NW1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 24, T.154N., R.27W.)

**Vegetation:** Consists of tamarack, bog birch, leatherleaf, and bog rosemary.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Hemic Clay loam	0-191
	191+

**Location:** 1000 feet S and 25 feet E of the NW corner of Sec. 24, T.154N., R.27W. (SW1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 24, T.154N., R.27W.)

**Vegetation:** Crown cover consists of tamarack; understory consists of leatherleaf, bog birch, and bog rosemary; ground cover consists of Sphagnum mosses.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Peat	0-282
Coarse sand	282+

**Location:** 1910 feet N and 660 feet E of the SW corner of Sec. 24, T.154N., R.27W. (SE1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 24, T.154N., R.27W.)

**Vegetation:** Tamarack crown cover of about 60 percent; lush understory consists mostly of grasses and bog rosemary with bog birch; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on September 27, 1976.

Layer	Depth (cm)
Peat	0-356
Fine sand	356+

**Location:** 400 feet S and 575 feet W of the NE corner of Sec. 24, T.154N., R.27W. (Gov. Lot 1, Sec. 24, T.154N., R.27W.)

**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists of grasses with some swamp laurel and Labrador tea; ground cover consists mostly of Sphagnum mosses with some snowberry.

**Microrelief:** 15 cm.

**Depth To Water Table:** 13 cm.

**Described By:** H. Mooers and L. Severson on March 26, 1980.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-122
Fibric	122-183
Hemic	183-305
Fibric	305-335
Hemic	335-457
Sapric	457-488
Fine silt	488+



**Location:** 2480 feet N and 1175 feet E of the SW corner of Sec. 25, T.154N., R.27W. (NE1/4 of NE1/4 of NW1/4 of SW1/4, Sec. 25, T.154N., R.27W.)

**Vegetation:** Tamarack crown cover of about 35 percent with scattered black spruce; lush understory consists mostly of sedges and cotton grass with leatherleaf and bog birch with some bog rosemary, Labrador tea, horsetail, cattail, and pitcher plant; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** R. Zarth on August 26, 1976.

Layer	Depth (cm)
Hemic	0-279
Sandy	279+
loam	

**Location:** 125 feet S and 1500 feet W of the NE corner of Sec. 26, T.154N., R.27W. (NE1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 26, T.154N., R.27W.)

**Vegetation:** Tamarack crown cover of about 35 percent with scattered black spruce; lush understory consists mostly of sedges and cotton grass with leatherleaf and bog birch with some bog rosemary, Labrador tea, horsetail, cattail, and pitcher plant; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** R. Zarth on August 26, 1976.

Layer	Depth (cm)
Hemic	0-325
Sandy	325+
loam	

**Location:** 1110 feet N and 150 feet E of the SW corner of Sec. 26, T.154N., R.27W. (NW1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 26, T.154N., R.27W.)

**Vegetation:** Tamarack crown cover of about 35 percent; lush understory consists mostly of grasses with some cattail, reed sedge, leatherleaf, bog rosemary, and bog birch; ground cover consists of Sphagnum mosses with some leather mosses, snowberry, and false Solomon's seal.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** B. Sether and S. Nelson on April 3, 1980.

Layer	Depth (cm)
Fibric	0-213
Hemic	213-274
Loamy	274+
sand	

**Location:** 1050 feet N and 2630 feet W of the SE corner of Sec. 25, T.154N., R.27W. (SE1/4 of NW1/4 of SW1/4 of SE1/4, Sec. 25, T.154N., R.27W.)

**Vegetation:** Tamarack crown cover of about 35 percent; lush understory consists mostly of leatherleaf with bog birch, bog rosemary, and cattails; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** R. Zarth on August 27, 1976.

Layer	Depth (cm)
Hemic	0-262
Sandy	262+
loam	

**Location:** 1550 feet S and 25 feet W of the NE corner of Sec. 26, T.154N., R.27W. (NE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 26, T.154N., R.27W.)

**Vegetation:** Tamarack crown cover of about 35 percent with scattered black spruce; lush understory consists mostly of sedges and cotton grass with leatherleaf and bog birch with some bog rosemary, Labrador tea, horsetail, cattail, and pitcher plant; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** R. Zarth on August 26, 1976.

Layer	Depth (cm)
Hemic	0-287
Sandy	287+
loam	

**Location:** 1610 feet S and 875 feet E of the NW corner of Sec. 27, T.154N., R.27W. (NW1/4 of NE1/4 of SW1/4 of NW1/4, Sec. 27, T.154N., R.27W.)

**Vegetation:** Scattered tamarack and black spruce; lush understory consists mostly of bog birch with northern white cedar, sedges, and grasses with some leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** R. Fox on October 1, 1976.

Layer	Depth (cm)
Hemic	0-217
Fine	217+
and	
coarse	
sand	

**Location:** 60 feet N and 1550 feet W of the SE corner of Sec. 25, T.154N., R.27W. (SE1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 25, T.154N., R.27W.)

**Vegetation:** Scattered tamarack and black spruce; lush understory consists mostly of leatherleaf with Labrador tea, bog birch, and bog rosemary; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 45 cm.

**Depth To Water Table:** At surface.

**Described By:** R. Zarth on August 27, 1976.

Layer	Depth (cm)
Hemic	0-196
Sandy	196+
loam	

**Location:** 2150 feet S and 1550 feet E of the NW corner of Sec. 26, T.154N., R.27W. (NW1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 26, T.154N., R.27W.)

**Vegetation:** Tamarack crown cover of about 35 percent; lush understory consists mostly of grasses with bog birch and cattails with some swamp laurel; ground cover consists of Sphagnum mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** M. Domeler on September 27, 1976.

Layer	Depth (cm)
Hemic	0-264
Sandy	264+
loam	

**Location:** 1825 feet S and 700 feet E of the NW corner of Sec. 32, T.154N., R.27W. (SE1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 32, T.154N., R.27W.)

**Vegetation:** Scattered paper birch and tamarack; lush understory consists mostly of speckled alder and sedges; ground cover consists of some Sphagnum mosses.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** R. Fox on October 1, 1976.

Layer	Depth (cm)
Sapric	0-56
Loam	56+

**Location:** 1250 feet S and 100 feet E of the NW corner of Sec. 3, T.155N., R.27W.  
(Gov. Lot 4, Sec. 3, T.155N., R.27W.)

**Vegetation:** Consists of some ferns.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** T. Maltzer on October 27, 1976.

Layer	Depth (cm)
Sand	0+

**Location:** 2405 feet S and 1455 feet E of the NW corner of Sec. 13, T.155N., R.27W.  
(SW1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 13, T.155N., R.27W.)

**Vegetation:** Not recorded.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on August 12, 1976.

Layer	Depth (cm)
Hemic	0-76
Sandy	76+
clay	
loam	

**Location:** 1285 feet N and 1320 feet E of the SW corner of Sec. 13, T.155N., R.27W.  
(SE1/4 of SE1/4 of NW1/4 of SW1/4, Sec. 13, T.155N., R.27W.)

**Vegetation:** Not recorded.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on August 12, 1976.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-101
Sand	101+

**Location:** 20 feet N and 1140 feet E of the SW corner of Sec. 13, T.155N., R.27W.  
(SE1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 13, T.155N., R.27W.)

**Vegetation:** Black spruce crown cover of about 95 percent; lush understory consists mostly of leatherleaf with Labrador tea and some swamp laurel, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry.

**Microrelief:** 45 cm.

**Depth To Water Table:** 10 cm.

**Described By:** M. Domeier on August 12, 1976.

Layer	Depth (cm)
Fibric	0- 20
Hemic	20-225
Medium	225+
sand	

**Location:** 1490 feet N and 2150 feet W of the SE corner of Sec. 13, T.155N., R.27W.  
(SE1/4 of SW1/4 of NW1/4 of SE1/4, Sec. 13, T.155N., R.27W.)

**Vegetation:** Not recorded.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on August 12, 1976.

Layer	Depth (cm)
Fibric	0- 25
Hemic	25-127
Mineral	127+
soil	

**Location:** 1305 feet S and 135 feet E of the NW corner of Sec. 14, T.155N., R.27W.  
(SW1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 14, T.155N., R.27W.)

**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; lush understory consists mostly of speckled alder with some Labrador tea; bog birch, shrubs, and ferns; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on October 1, 1976.

Layer	Depth (cm)
Peat	0-130
Mineral	130+
soil	

**Location:** 1930 feet N and 145 feet E of the SW corner of Sec. 14, T.155N., R.27W.  
(SW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 14, T.155N., R.27W.)

**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of speckled alder with some Labrador tea, leatherleaf, shrubs, and ferns; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 60 cm.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on October 1, 1976.

Layer	Depth (cm)
Hemic	0-193
Sandy	193+
loam	

**Location:** 100 feet S and 2125 feet E of the NW corner of Sec. 16, T.155N., R.27W.  
(NW1/4 of NE1/4 of NE1/4 of NW1/4, Sec. 16, T.155N., R.27W.)

**Vegetation:** Not recorded.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** R. Zarth on August 17, 1976.

Layer	Depth (cm)
Hemic	0-140
Sandy	140+
loam	

**Location:** 100 feet S and 575 feet E of the NW corner of Sec. 16, T.155N., R.27W.  
(NE1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 16, T.155N., R.27W.)

**Vegetation:** Cut over area consisting mostly of speckled alder.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** R. Zarth on August 17, 1976.

Layer	Depth (cm)
Hemic	0-185
Clay	185+
loam	

**Location:** 1900 feet S and 25 feet E of the NW corner of Sec. 17, T.155N., R.27W. (SW1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 17, T.155N., R.27W.)  
**Vegetation:** Black spruce and tamarack crown cover of about 35 percent each; understory consists of Labrador tea and grasses with some paper birch; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on November 3, 1976.

Layer	Depth (cm)
Hemic	0-127
Mineral soil	127+

**Location:** 450 feet N and 75 feet E of the SW corner of Sec. 17, T.155N., R.27W. (NW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 17, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 95 percent; sparse understory consists of some Labrador tea and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on November 3, 1976.

Layer	Depth (cm)
Hemic	0-135
Sapric	135-175
Clay with calcareous pebbles	175+

**Location:** 2020 feet S and 100 feet E of the NW corner of Sec. 20, T.155N., R.27W. (SW1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 20, T.155N., R.27W.)  
**Vegetation:** Scattered black spruce and paper birch; lush understory consists mostly of grasses and dogwood.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on November 3, 1976.

Layer	Depth (cm)
Sapric	0-74
Clay loam	74+

**Location:** 700 feet N and 150 feet E of the SW corner of Sec. 20, T.155N., R.27W. (SW1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 20, T.155N., R.27W.)  
**Vegetation:** Logged area, consists of scattered black spruce, tamarack, and paper birch; lush understory consists mostly of speckled alder with grasses and dogwood.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on November 3, 1976.

Layer	Depth (cm)
Sapric	0-51
Clay	51+

**Location:** 2575 feet N and 115 feet E of the SW corner of Sec. 23, T.155N., R.27W. (NW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 23, T.155N., R.27W.)  
**Vegetation:** Scattered tamarack and paper birch; lush understory consists mostly of speckled alder and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on October 1, 1976.

Layer	Depth (cm)
Peat	0-179
Mineral soil	179+

**Location:** 585 feet N and 110 feet E of the SW corner of Sec. 23, T.155N., R.27W. (NW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 23, T.155N., R.27W.)  
**Vegetation:** Scattered tamarack and paper birch; lush understory consists mostly of speckled alder and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** T. Malterer on October 1, 1976.

Layer	Depth (cm)
Hemic	0-45
Clay loam	45+

**Location:** 1445 feet S and 2010 feet W of the NE corner of Sec. 24, T.155N., R.27W. (NW1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 24, T.155N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 12, 1976.

Layer	Depth (cm)
Fibric	0- 8
Hemic	8-254
Clay loam	254+

**Location:** 2520 feet N and 1480 feet E of the SW corner of Sec. 24, T.155N., R.27W. (NW1/4 of NW1/4 of NE1/4 of SW1/4, Sec. 24, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; understory consists of Labrador tea and cotton grass with some bog birch and leatherleaf; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described by:** M. Domeier on August 12, 1976.

Layer	Depth (cm)
Hemic	0-200
Sapric	200-205
Clay loam	205+

**Location:** 900 feet N and 1010 feet E of the SW corner of Sec. 24, T.155N., R.27W. (SW1/4 of NE1/4 of SW1/4 of SW1/4, Sec. 24, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists mostly of Labrador tea with some swamp laurel; ground cover consists mostly of Sphagnum mosses with some blueberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 12, 1976.

Layer	Depth (cm)
Hemic	0-54
Sapric	54-97
Clay loam	97+

**Location:** 2550 feet N and 2030 feet W of the SE corner of Sec. 24, T.155N., R.27W.  
(NE1/4 of NW1/4 of NW1/4 of SE1/4, Sec. 24, T.155N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M Domeier on August 12, 1976.

Layer	Depth (cm)
Fibric	0- 20
Hemic	20-183
Sand	183+

**Location:** 175 feet S and 285 feet E of the NW corner of Sec. 25, T.155N., R.27W.  
(NW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 25, T.155N., R.27W.)  
**Vegetation:** Scattered black spruce; understory consists of Labrador tea, bog birch, and speckled alder; ground cover consists of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 12, 1976.

Layer	Depth (cm)
Sapric	0-33
Clay loam	33+

**Location:** 1415 feet N and 2000 feet E of the SW corner of Sec. 27, T.155N., R.27W.  
(SW1/4 of SE1/4 of NE1/4 of SW1/4, Sec. 27, T.155N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 19, 1976.

Layer	Depth (cm)
Peat	0-33
Mineral soil	33+

**Location:** 1025 feet N and 2050 feet E of the SW corner of Sec. 27, T.155N., R.27W.  
(NW1/4 of NE1/4 of SE1/4 of SW1/4, Sec. 27, T.155N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 19, 1976.

Layer	Depth (cm)
Peat	0-61
Mineral soil	61+

**Location:** 525 feet N and 2075 feet E of the SW corner of Sec. 27, T.155N., R.27W.  
(NW1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 27, T.155N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 19, 1976.

Layer	Depth (cm)
Peat	0-99
Mineral soil	99+

**Location:** 50 feet N. and 2025 feet E of the SW corner of Sec. 27, T.155N., R.27W.  
(SW1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 27, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of Labrador tea; ground cover consists of Sphagnum and other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 19, 1976.

Layer	Depth (cm)
Hemic	0-132
Sandy clay loam	132+

**Location:** 335 feet S and 120 feet W of the NE corner of Sec. 31, T.155N., R.27W.  
(NE1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 31, T.155N., R.27W.)  
**Vegetation:** Scattered black spruce, paper birch, and tamarack; lush understory consists mostly of Labrador tea with cotton grass; ground cover consists of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 16, 1976.

Layer	Depth (cm)
Hemic	0-30
Coarse sand	30+

**Location:** 575 feet S and 100 feet W of the NE corner of Sec. 31, T.155N., R.27W.  
(SE1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 31, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 90 percent; understory consists of Labrador tea and grasses; ground cover consists of Sphagnum and feather mosses with some false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 16, 1976.

Layer	Depth (cm)
Hemic	0-61
Mineral soil	61+

**Location:** 860 feet S and 165 feet W of the NE corner of Sec. 31, T.155N., R.27W.  
(NE1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 31, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 75 percent; lush understory consists mostly of Labrador tea with some leatherleaf and grasses; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 16, 1976.

Layer	Depth (cm)
Hemic	0-95
Sapric	95-99
Clay loam	99+

**Location:** 2490 feet S and 165 feet W of the NE corner of Sec. 31, T.155N., R.27W. (SE1/4 of SE1/4 of SE1/4 of NE1/4, Sec. 31, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists of leatherleaf with some Labrador tea, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 9, 1976.

Layer	Depth (cm)
Fibric	0- 36
Sapric	36-200
Hemic	200-211
Sandy loam	211+

**Location:** 2350 feet S and 2140 feet E of the NW corner of Sec. 31, T.155N., R.27W. (SE1/4 of SE1/4 of SE1/4 of NW1/4, Sec. 31, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of leatherleaf with some grasses, Labrador tea, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 9, 1976.

Layer	Depth (cm)
Fibric	0- 41
Hemic	41-115
Sapric	115-183
Sandy loam	183+

**Location:** 1200 feet N and 875 feet E of the SW corner of Sec. 31, T.155N., R.27W. (Gov. Lot 4, Sec. 31, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists of leatherleaf and grasses with some Labrador tea and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Zarth on September 9, 1976.

Layer	Depth (cm)
Fibric	0- 23
Hemic	23-229
Loam with calcareous pebbles	229+

**Location:** 2620 feet S and 1930 feet W of the NE corner of Sec. 32, T.155N., R.27W. (SW1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 32, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of Labrador tea and leatherleaf with some grasses; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on September 9, 1976.

Layer	Depth (cm)
Hemic	0-71
Medium sand	71+

**Location:** 500 feet N and 2030 feet W of the SE corner of Sec. 32, T.155N., R.27W. (NE1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 32, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists of Labrador tea and leatherleaf with some grasses and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 13, 1976.

Layer	Depth (cm)
Fibric	0- 15
Hemic	15-147
Loam	147+

**Location:** 500 feet N and 1400 feet W of the SE corner of Sec. 32, T.155N., R.27W. (NE1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 32, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; lush understory consists of cotton grass and leatherleaf with some swamp laurel and Labrador tea; ground cover consists of Sphagnum mosses with some other mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 16, 1976.

Layer	Depth (cm)
Hemic	0-117
Loam	117+

**Location:** 390 feet N and 920 feet W of the SE corner of Sec. 32, T.155N., R.27W. (NE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 32, T.155N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of Labrador tea with some horsetail; ground cover consists of Sphagnum mosses with some feather mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 16, 1976.

Layer	Depth (cm)
Hemic	0-66
Loam	66+

**Location:** 500 feet N and 1150 feet W of the SE corner of Sec. 32, T.155N., R.27W. (NW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 32, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 90 percent; lush understory consists mostly of leatherleaf with grasses and some Labrador tea and swamp laurel; ground cover consists of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 16, 1976.

Layer	Depth (cm)
Peat	0-94
Loam	94+

**Location:** 600 feet S and 585 feet W of the NE corner of Sec. 34, T.155N., R.27W. (SW1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 34, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists mostly of leatherleaf with some cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier on August 19, 1976.

Layer	Depth (cm)
Fibric	0- 8
Hemic	8-102
Sandy clay loam	102+

**Location:** 605 feet S and 2010 feet E of the NW corner of Sec. 34, T.155N., R.27W. (SW1/4 of NE1/4 of NE1/4 of NW1/4, Sec. 34, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of Labrador tea and leatherleaf with some swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on August 19, 1976.

Layer	Depth (cm)
Hemic	0-117
Sandy clay loam	117+

**Location:** 1890 feet N and 950 feet E of the SW corner of Sec. 34, T.155N., R.27W. (NE1/4 of SE1/4 of NW1/4 of SW1/4, Sec. 34, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of Labrador tea, leatherleaf, cotton grass, and sedges; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on August 19, 1976.

Layer	Depth (cm)
Fibric	0- 15
Hemic	15-137
Sandy clay loam	137+

**Location:** 1800 feet N and 710 feet W of the SE corner of Sec. 34, T.155N., R.27W. (NE1/4 of SW1/4 of NE1/4 of SE1/4, Sec. 34, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists mostly of cotton grass with leatherleaf and some Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier and R. Zarth on August 19, 1976.

Layer	Depth (cm)
Fibric	0- 51
Hemic	51-196
Clay loam	196+

**Location:** 1825 feet N and 1485 feet W of the SE corner of Sec. 34, T.155N., R.27W. (NE1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 34, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; understory consists of some black spruce, sedges, Labrador tea, leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some feather mosses and snowberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** 45 cm.  
**Described By:** B. Sether and D. Haverkost on April 21, 1980.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-183
Sapric	183-213
Fine clay loam	213+

**Location:** 555 feet S and 1730 feet W of the NE corner of Sec. 35, T.155N., R.27W. (SW1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 35, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists of Labrador tea and cotton grass with some leatherleaf; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** M. Domeier and R. Zarth on August 18, 1976.

Layer	Depth (cm)
Hemic	0-130
Sandy clay loam	130+

**Location:** 2050 feet S and 1775 feet W of the NE corner of Sec. 35, T.155N., R.27W. (NW1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 35, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 95 percent; lush understory consists mostly of Labrador tea with some cattail; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier and R. Zarth on August 18, 1976.

Layer	Depth (cm)
Sapric	0-46
Sandy clay loam	46+

**Location:** 575 feet S and 2225 feet E of the NW corner of Sec. 35, T.155N., R.27W. (SW1/4 of NE1/4 of NE1/4 of NW1/4, Sec. 35, T.155N., R.27W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth and M. Domeier on August 18, 1976.

Layer	Depth (cm)
Hemic	0-135
Sandy clay loam	135+

**Location:** 1000 feet S and 2175 feet E of the NW corner of Sec. 35, T.155N., R.27W. (SW1/4 of SE1/4 of NE1/4 of NW1/4, Sec. 35, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists of Labrador tea and leatherleaf with some cotton grass and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** M. Domeier and R. Zarth on August 18, 1976.

Layer	Depth (cm)
Fibric	0-30
Hemic	30-86
Sandy clay loam	86+

**Location:** 2075 feet S and 2140 feet E of the NW corner of Sec. 35, T.155N., R.27W. (NW1/4 of SE1/4 of SE1/4 of NW1/4, Sec. 35, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; lush understory consists of Labrador tea and leatherleaf with some sedges and cotton grass; ground cover consists of some cranberry and false Solomon's seal.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** R. Zarth and M. Domeier on August 18, 1976.

Layer	Depth (cm)
Fibric	0- 51
Hemic	51-191
Sapric	191-203
Sandy clay loam	203+

**Location:** 1665 feet N and 2075 feet E of the SW corner of Sec. 35, T.155N., R.27W. (NW1/4 of SE1/4 of NE1/4 of SW1/4, Sec. 35, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists of Labrador tea with some leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier and R. Zarth on August 16, 1976.

Layer	Depth (cm)
Hemic	0- 20
Fibric	20- 75
Hemic	75-196
Sandy clay loam	196+

**Location:** 2425 feet N and 75 feet E of the SW corner of Sec. 12, T.156N., R.27W. (NW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 12, T.156N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 40 percent with scattered northern white cedar and tamarack; understory consists of Labrador tea with some balsam fir, swamp laurel, grasses, and horsetail; ground cover consists mostly of Sphagnum mosses with some other mosses, snowberry, bunchberry, lingen berry, cranberry, false Solomon's seal, and twin flower.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Graber and N. Aaseng on November 13, 1979.

Layer	Depth (cm)
Hemic	0- 91
Sapric	91-106
Clay loam	106+

**Location:** 100 feet S and 160 feet E of the NW corner of Sec. 17, T.156N., R.27W. (NW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 17, T.156N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 95 percent; understory consists of Labrador tea and leatherleaf with some grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on November 13, 1979.

Layer	Depth (cm)
Hemic	0-208
Loam	208+

**Location:** 1590 feet N and 1850 feet W of the SE corner of Sec. 35, T.155N., R.27W. (NW1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 35, T.155N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists mostly of Labrador tea with bog rosemary and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier and R. Zarth on August 18, 1976.

Layer	Depth (cm)
Hemic	0-125
Sapric	125-140
Sandy clay loam	140+

**Location:** 1840 feet N and 125 feet E of the SW corner of Sec. 15, T.156N., R.27W. (NW1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 15, T.156N., R.27W.)  
**Vegetation:** Tamarack crown cover of about 90 percent.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and D. Haverkost on November 13, 1979.

Layer	Depth (cm)
Sapric	0-335
Very fine sand	335+

**Location:** 250 feet S and 100 feet E of the NW corner of Sec. 22, T.156N., R.27W. (NW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 22, T.156N., R.27W.)  
**Vegetation:** Northern white cedar crown cover of about 40 percent with a paper birch crown cover of about 30 percent with scattered ash; understory consists of grasses with some balsam fir; ground cover consists of mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Wakanabo on August 3, 1977.

Layer	Depth (cm)
Hemic	0-25
Sand	25+

**Location:** 350 feet N and 100 feet W of the SE corner of Sec. 9, T.156N., R.27W. (NE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 9, T.156N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered northern white cedar and tamarack; understory consists of some sedges, ferns, swamp laurel, and grasses; ground cover consists mostly of mosses with some Sphagnum mosses, snowberry, and pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and N. Aaseng on November 13, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-213
Fine sand	213+

**Location:** 2025 feet N and 1190 feet W of the SE corner of Sec. 15, T.156N., R.27W. (SW1/4 of NW1/4 of NE1/4 of SE1/4, Sec. 15, T.156N., R.27W.)  
**Vegetation:** Paper birch, black spruce, and tamarack crown cover of about 20 percent each with scattered northern white cedar; lush understory consists mostly of shrubs with grasses and some ferns; ground cover consists of some mosses.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** Below 60 cm.  
**Described By:** D. Olson on August 3, 1977.

Layer	Depth (cm)
Hemic	0-40
Sand	40+

**Location:** 1250 feet S and 90 feet E of the NW corner of Sec. 22, T.156N., R.27W. (SW1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 22, T.156N., R.27W.)  
**Vegetation:** Northern white cedar crown cover of about 40 percent with scattered birch; lush understory consists of grasses with some balsam fir, Labrador tea, and ferns; ground cover consists of some Sphagnum and other mosses.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** B. Wakanabo on August 3, 1977.

Layer	Depth (cm)
Hemic	0-34
Sand with pebbles	34+

**Location:** 2260 feet S and 100 feet E of the NW corner of Sec. 22, T.156N., R.27W. (SW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 22, T.156N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 30 percent with scattered birch; understorey and ground cover not recorded.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** B. Wakanabo on August 2, 1977.

Layer	Depth (cm)
Hemic	0-14
Coarse sand	14+

**Location:** 1310 feet N and 100 feet E of the SW corner of Sec. 22, T.156N., R.27W. (SW1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 22, T.156N., R.27W.)  
**Vegetation:** Hazelnut crown cover of about 40 percent with scattered paper birch, black spruce, tamarack, and northern white cedar; understorey consists of grasses with some ferns; ground cover consists of mosses with some false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** 48 cm.  
**Described By:** R. Wakanabo on August 2, 1977.

Layer	Depth (cm)
Hemic	0-36
Sand	36+

**Location:** 2375 feet S and 100 feet E of the NW corner of Sec. 27, T.156N., R.27W. (SW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 27, T.156N., R.27W.)  
**Vegetation:** Tamarack crown cover of about 25 percent with a paper birch and cedar crown cover of about 20 percent each; lush understorey consists mostly of shrubs with raspberry; ground cover not recorded.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Olson on August 2, 1977.

Layer	Depth (cm)
Hemic	0-41
Sandy clay loam	41-48
Sand	48+

**Location:** 90 feet N and 1030 feet W of the SE corner of Sec. 31, T.156N., R.27W. (SW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 31, T.156N., R.27W.)  
**Vegetation:** Consists of stunted tamarack, leatherleaf, sedges, and bog birch.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier and C. Cameron on July 24, 1976.

Layer	Depth (cm)
Hemic	0-122
Coarse sand	122+

**Location:** 75 feet N and 2055 feet W of the SE corner of Sec. 32, T.156N., R.27W. (SE1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 32, T.156N., R.27W.)  
**Vegetation:** Consists of willow and grasses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier and C. Cameron on July 24, 1976.

Layer	Depth (cm)
Muck	0-30
Sand	30+

**Location:** 2400 feet S and 1835 feet E of the NW corner of Sec. 5, T.157N., R.27W. (SE1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 5, T.157N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understorey consists of some Labrador tea, leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses, false Solomon's seal, and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 11, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-106
Silt	106-122
Clay loam	122+

**Location:** 730 feet N and 1825 feet E of the SW corner of Sec. 5, T.157N., R.27W. (SE1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 5, T.157N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 75 percent with scattered tamarack; understorey consists of leatherleaf with some sedges, Labrador tea, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 11, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-335
Sapric	335-350
Clay loam	350+

**Location:** 685 feet N and 2180 feet W of the SE corner of Sec. 5, T.157N., R.27W. (SE1/4 of NW1/4 of SW1/4 of SE1/4, Sec. 5, T.157N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; understorey consists of some Labrador tea, leatherleaf, sedges, swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 11, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-305
Clay loam	305+

**Location:** 825 feet N and 590 feet W of the SE corner of Sec. 5, T.157N., R.27W. (SE1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 5, T.157N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understorey consists of Labrador tea, leatherleaf, swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 11, 1979.

Layer	Depth (cm)
Peat	0-166
Clay loam	166+



**Location:** 390 feet S and 1975 feet E of the NW corner of Sec. 5, T.157N., R.27W. (Gov. Lot 3, Sec. 5, T.157N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 70 percent; understory consists of Labrador tea with some bog rosemary, leatherleaf, swamp laurel, and sedges; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 11, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-120
Silty clay	120+

**Location:** 1750 feet S and 375 feet E of the NW corner of Sec. 8, T.157N., R.27W. (SE1/4 of NW1/4 of SW1/4 of NE1/4, Sec. 8, T.157N., R.27W.)  
**Vegetation:** Scattered black spruce; understory consists of sedges with some Labrador tea, leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 10, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-342
Sapric	342-362
Sandy clay loam	362+

**Location:** 1700 feet S and 2620 feet W of the NE corner of Sec. 14, T.157N., R.27W. (SW1/4 of NW1/4 of SW1/4 of NE1/4, Sec. 14, T.157N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 50 percent; understory consists of Labrador tea with some swamp laurel, bog rosemary, leatherleaf, and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 8, 1979.

Layer	Depth (cm)
Hemic	0-196
Silty clay	196+

**Location:** 2450 feet S and 125 feet W of the NE corner of Sec. 6, T.157N., R.27W. (SE1/4 of SE1/4 of SE1/4 of NE1/4, Sec. 6, T.157N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; understory consists of Labrador tea with some swamp laurel and sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 10, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-165
Sandy clay loam	165+

**Location:** 1750 feet N and 2030 feet W of the SE corner of Sec. 8, T.157N., R.27W. (NE1/4 of SW1/4 of NW1/4 of SE1/4, Sec. 8, T.157N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; lush understory consists mostly of Labrador tea with some bog rosemary and sedges; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 11, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-286
Sapric	286-302
Sandy clay loam	302+

**Location:** 2565 feet N and 1100 feet E of the SW corner of Sec. 14, T.157N., R.27W. (NE1/4 of NE1/4 of NW1/4 of SW1/4, Sec. 14, T.157N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 50 percent; understory consists of leatherleaf with some Labrador tea, sedges, and grasses; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 8, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-199
Silty clay with calcareous pebbles	199+

**Location:** 75 feet N and 75 feet W of the SE corner of Sec. 6, T.157N., R.27W. (SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 6, T.157N., R.27W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, bog rosemary, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 10, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-420
Sapric	420-438
Sandy clay loam	438+

**Location:** 80 feet N and 2090 feet E of the SW corner of Sec. 13, T.157N., R.27W. (SW1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 13, T.157N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 75 percent; understory consists mostly of Labrador tea with some sedges, leatherleaf, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses, false Solomon's seal, and cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 8, 1979.

Layer	Depth (cm)
Fibric	0-120
Hemic	120-302
Silty clay	302+

**Location:** 2225 feet N and 660 feet W of the SE corner of Sec. 14, T.157N., R.27W. (SE1/4 of NW1/4 of NE1/4 of SE1/4, Sec. 14, T.157N., R.27W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some sedges, Labrador tea, bog rosemary, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and mushrooms.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 8, 1979.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-211
Silty clay	211+

**Location:** 500 feet S and 450 feet E of the NW corner of Sec. 17, T.157N., R.27W. (SE1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 17, T.157N., R.27W.)

**Vegetation:** Scattered black spruce and tamarack; understory consists of grasses and blue flag with some leatherleaf, speckled alder, Labrador tea, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on October 11, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-211
Silty clay loam	211+

**Location:** 1035 feet S and 75 feet E of the NW corner of Sec. 19, T.157N., R.27W. (Gov. Lot 1, Sec. 19, T.157N., R.27W.)

**Vegetation:** Northern white cedar crown cover of about 45 percent; lush understory consists mostly of grasses with speckled alder.

**Microrelief:** 15 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and R. Graber on November 13, 1979.

Layer	Depth (cm)
Hemic	0-167
Fine sand	167+

**Location:** 1880 feet S and 2315 feet E of the NW corner of Sec. 24, T.157N., R.27W. (SW1/4 of NE1/4 of SE1/4 of NW1/4, Sec. 24, T.157N., R.27W.)

**Vegetation:** Scattered black spruce; understory consists of some Labrador tea, bog rosemary, sedges, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.

**Microrelief:** 20 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on October 8, 1979.

Layer	Depth (cm)
Fibric	0-120
Hemic	120-286
Silty clay	286+

**Location:** 1950 feet N and 1970 feet W of the SE corner of Sec. 17, T.157N., R.27W. (NE1/4 of SW1/4 of NW1/4 of SE1/4, Sec. 17, T.157N., R.27W.)

**Vegetation:** Black spruce crown cover of about 60 percent; understory consists mostly of Labrador tea with some leatherleaf and grasses; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.

**Microrelief:** 20 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on October 11, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-181
Silty clay	181+

**Location:** 1900 feet S and 500 feet E of the NW corner of Sec. 23, T.157N., R.27W. (SE1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 23, T.157N., R.27W.)

**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.

**Microrelief:** 45 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on October 8, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-180
Coarse sandy clay	180+

**Location:** 725 feet N and 1975 feet E of the SW corner of Sec. 24, T.157N., R.27W. (SE1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 24, T.157N., R.27W.)

**Vegetation:** Scattered black spruce; lush understory consists mostly of sedges with some leatherleaf, swamp laurel, bog rosemary, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some cranberry.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on October 4, 1979.

Layer	Depth (cm)
Fibric	0-180
Hemic	180-453
Sapric	453-484
Silty clay	484+

**Location:** 1600 feet N and 1970 feet W of the SE corner of Sec. 17, T.157N., R.27W. (SE1/4 of SW1/4 of NW1/4 of SE1/4, Sec. 17, T.157N., R.27W.)

**Vegetation:** Black spruce crown cover of about 60 percent; understory consists mostly of Labrador tea with some grasses and leatherleaf; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.

**Microrelief:** 20 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on October 11, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-135
Silty clay	135+

**Location:** 575 feet N and 455 feet E of the SW corner of Sec. 23, T.157N., R.27W. (NW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 23, T.157N., R.27W.)

**Vegetation:** Black spruce crown cover of about 75 percent; understory consists mostly of Labrador tea with some sedges and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on October 8, 1979.

Layer	Depth (cm)
Fibric	0-151
Hemic	151-347
Silty clay	347+

**Location:** 625 feet S and 1055 feet W of the NE corner of Sec. 25, T.157N., R.27W. (SW1/4 of NW1/4 of NE1/4 of NE1/4, Sec. 25, T.157N., R.27W.)

**Vegetation:** Scattered black spruce; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on October 4, 1979.

Layer	Depth (cm)
Fibric	0-210
Hemic	210-363
Sapric	363-393
Silty clay	393+

**Location:** 525 feet S and 2335 feet E of the NW corner of Sec. 25, T.157N., R.27W. (SE1/4 of NE1/4 of NE1/4 of NW1/4, Sec. 25, T.157N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of sedges with some Labrador tea, leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 4, 1979.

Layer	Depth (cm)
Fibric	0-181
Hemic	181-453
Sapric	453-483
Silty clay	483+

**Location:** 350 feet N and 2175 feet E of the SW corner of Sec. 25, T.157N., R.27W. (NW1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 25, T.157N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists mostly of sedges and Phragmites with some leatherleaf and bog rosemary; ground cover consists of some Sphagnum mosses and pitcher plant.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on October 13, 1979.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-289
Loam	289+

**Location:** 865 feet S and 2000 feet E of the NW corner of Sec. 26, T.157N., R.27W. (NW1/4 of SE1/4 of NE1/4 of NW1/4, Sec. 26, T.157N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges with some leatherleaf, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses with some snowberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 8, 1979.

Layer	Depth (cm)
Fibric	0-120
Hemic	120-210
Fibric	210-270
Hemic	270-484
Silty clay	484+

**Location:** 15 feet S and 410 feet E of the NW corner of Sec. 26, T.157N., R.27W. (NE1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 26, T.157N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 70 percent with scattered tamarack; lush understory consists mostly of sedges with some bog birch and bog rosemary; ground cover consists mostly of Sphagnum mosses with some pitcher plant and false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 8, 1979.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-151
Fibric	151-211
Hemic	211-317
Sapric	317-332
Medium and coarse sandy clay	332+

**Location:** 700 feet N and 1655 feet W of the SE corner of Sec. 26, T.157N., R.27W. (NW1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 26, T.157N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges with some bog rosemary and Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on October 13, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-320
Clay loam	320+

**Location:** 700 feet S and 2600 feet W of the NE corner of Sec. 27, T.157N., R.27W. (NW1/4 of SW1/4 of NW1/4 of NE1/4, Sec. 27, T.157N., R.27W.)  
**Vegetation:** Scattered black spruce and northern white cedar; understory consists of grasses; ground cover consists of some Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and R. Graber on November 13, 1979.

Layer	Depth (cm)
Fibric	0-106
Hemic	106-396
Sandy loam	396+

**Location:** 740 feet S and 1160 feet E of the NW corner of Sec. 1, T.158N., R.27W. (Gov. Lot 4, Sec. 1, T.158N., R.27W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of Labrador tea, leatherleaf, swamp laurel, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 13, 1979.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-250
Sapric	250-263
Silty clay	263+

**Location:** 1875 feet N and 2315 feet E of the SW corner of Sec. 5, T.158N., R.27W. (NE1/4 of SE1/4 of NE1/4 of SW1/4, Sec. 5, T.158N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of leatherleaf with some swamp laurel, cotton grass, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, lingon berry, false Solomon's seal and lichens.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** N. Aaseng and D. Haverkost on November 2, 1979.

Layer	Depth (cm)
Fibric	0-240
Hemic	240-360
Sapric	360-450
Silty clay	450+

**Location:** 800 feet N and 750 feet E of the SW corner of Sec. 6, T.158N., R.27W. (Gov. Lot 7, Sec. 6, T.158N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of leatherleaf with some swamp laurel, sedges, bog rosemary, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** N. Aaseng and D. Haverkost on November 2, 1979.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-120
Sapric	120-185
Silty clay	185+

**Location:** 550 feet N and 350 feet E of the SW corner of Sec. 10, T.158N., R.27W. (NE1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 10, T.158N., R.27W.)

**Vegetation:** Scattered tamarack; understory consists of some leatherleaf, swamp laurel, sedges, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and pitcher plant.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** N. Aaseng and R. Graber on November 13, 1979.

Layer	Depth (cm)
Fibric	0-137
Hemic	137-335
Clay	335+

**Location:** 1770 feet N and 690 feet E of the SW corner of Sec. 12, T.158N., R.27W. (NW1/4 of SE1/4 of NW1/4 of SW1/4, Sec. 12, T.158N., R.27W.)

**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges with leatherleaf and some swamp laurel.

**Microrelief:** 25 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Olson and D. Haverkost on November 13, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-259
Silty clay	259+

**Location:** 660 feet S and 130 feet W of the NE corner of Sec. 13, T.158N., R.27W. (SE1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 13, T.158N., R.27W.)

**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some sedges, swamp laurel, and leatherleaf; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-238
Hemic	238-335
Silty clay	335+

**Location:** 360 feet N and 250 feet W of the SE corner of Sec. 14, T.158N., R.27W. (NE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 14, T.158N., R.27W.)

**Vegetation:** Scattered tamarack and black spruce; understory consists of leatherleaf with some sedges and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry.

**Microrelief:** 35 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Olson and D. Haverkost on November 13, 1979.

Layer	Depth (cm)
Fibric	0-183
Hemic	183-213
Sand	213+

**Location:** 175 feet N and 175 feet E of the SW corner of Sec. 16, T.158N., R.27W. (SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 16, T.158N., R.27W.)

**Vegetation:** Lush understory consists mostly of sedges with leatherleaf and some grasses.

**Microrelief:** 20 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Olson and D. Haverkost on November 13, 1979.

Layer	Depth (cm)
Hemic	0-193
Clay	193+

**Location:** 1525 feet S and 2060 feet E of the NW corner of Sec. 17, T.158N., R.27W. (NW1/4 of NE1/4 of SE1/4 of NW1/4, Sec. 17, T.158N., R.27W.)

**Vegetation:** Scattered black spruce; lush understory consists mostly of sedges and cotton grass; ground cover consists of some Sphagnum and feather mosses.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** D. Olson and R. Graber on November 2, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-122
Fibric	122-183
Hemic	183-442
Silty clay	442+

**Location:** 640 feet S and 1125 feet W of the NE corner of Sec. 18, T.158N., R.27W. (SW1/4 of NW1/4 of NE1/4 of NE1/4, Sec. 18, T.158N., R.27W.)

**Vegetation:** Scattered black spruce; lush understory consists mostly of sedges and grasses; ground cover consists mostly of cranberry with some Sphagnum mosses.

**Microrelief:** Not recorded.

**Depth To Water Table:** At surface.

**Described By:** D. Olson and R. Graber on November 2, 1979.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-442
Silty clay	442+

**Location:** 1130 feet S and 125 feet E of the NW corner of Sec. 29, T.158N., R.27W. (SW1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 29, T.158N., R.27W.)

**Vegetation:** Tamarack crown cover of about 60 percent with scattered black spruce; lush understory consists mostly of Labrador tea, sedges, and cotton grass with some leatherleaf; ground cover consists of Pulesterum mosses.

**Microrelief:** 20 cm.

**Depth To Water Table:** Not recorded.

**Described By:** D. Olson and R. Graber on November 2, 1979.

Layer	Depth (cm)
Hemic	0-111
Silty clay	111+

**Location:** 925 feet N and 25 feet W of the SE corner of Sec. 36, T. 158N., R.27W. (SE1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 36, T.158N., R.27W.)

**Vegetation:** Aspen crown cover of about 30 percent with scattered black spruce, balsam fir, and paper birch; understory consists of grasses and speckled alder; ground cover consists of mosses including some Sphagnum mosses.

**Microrelief:** 15 cm.

**Depth To Water Table:** Not recorded.

**Described By:** R. Graber and N. Aaseng on November 13, 1979.

Layer	Depth (cm)
Silty clay	0+

**Location:** 100 feet S and 2350 feet E of the NW corner of Sec. 6, T.159N., R.27W. (Gov. Lot 3, Sec. 6, T.159N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered aspen and balsam fir; understory consists of grasses; ground cover consists of some Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem on November 13, 1979.

Layer	Depth (cm)
Hemic	0-183
Silty clay	183+

**Location:** 1075 feet S and 60 feet W of the NE corner of Sec. 11, T.159N., R.27W. (SE1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 11, T.159N., R.27W.)  
**Vegetation:** Aspen crown cover of about 50 percent with scattered paper birch and balsam fir; understory consists of speckled alder and grasses with some Labrador tea.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem on November 16, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-122
Clay	122+

**Location:** 2510 feet N and 1115 feet W of the SE corner of Sec. 12, T.159N., R.27W. (NW1/4 of NW1/4 of NE1/4 of SE1/4, Sec. 12, T.159N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of some bog birch, sedges, swamp laurel, leatherleaf, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Hemic	0-335
Sandy clay	335+

**Location:** 1890 feet N and 1940 feet E of the SW corner of Sec. 20, T.159N., R.27W. (NE1/4 of SW1/4 of NE1/4 of SW1/4, Sec. 20, T.159N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 70 percent with about 25 percent crown cover of tamarack; understory consists of grasses with some leatherleaf and swamp laurel; ground cover consists of feather mosses.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface  
**Described By:** D. Olson and R. Graber on November 2, 1979.

Layer	Depth (cm)
Hemic	0-350
Silt	350+

**Location:** 1550 feet N and 150 feet E of the SW corner of Sec. 21, T.159N., R.27W. (SW1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 21, T.159N., R.27W.)  
**Vegetation:** Lush understory consists mostly of sedges with some bog birch and willow; ground cover consists of some mosses.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-310
Clay	310+

**Location:** 1615 feet N and 205 feet E of the SW corner of Sec. 22, T.159N., R.27W. (SW1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 22, T.159N., R.27W.)  
**Vegetation:** Scattered tamarack, black spruce, and paper birch; sparse understory consists of some balsam fir, willow, Labrador tea, sedges, grasses, and ferns; ground cover consists of Sphagnum and other mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Hemic	0-177
Silty clay loam	177+

**Location:** 2510 feet S and 2250 feet W of the NE corner of Sec. 24, T.159N., R.27W. (SE1/4 of SW1/4 of SW1/4 of NE1/4, Sec. 24, T.159N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some speckled alder, Labrador tea, leatherleaf, swamp laurel, bog rosemary, grasses, and cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Hemic	0-335
Fine sand	335+

**Location:** 2450 feet S and 800 feet E of the NW corner of Sec. 32, T.159N., R.27W. (SW1/4 of SE1/4 of SW1/4 of NW1/4, Sec. 32, T.159N., R.27W.)  
**Vegetation:** Scattered tamarack and black spruce; understory consists mostly of leatherleaf with sedges and some bog birch, bog rosemary, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** N. Aaseng and D. Haverkost on November 2, 1979.

Layer	Depth (cm)
Fibric	0- 90
Hemic	90-105
Silty clay	105+

**Location:** 1675 feet S and 1100 feet E of the NW corner of Sec. 33, T.159N., R.27W. (SE1/4 of NE1/4 of SW 1/4 of NW1/4, Sec. 33, T.159N., R.27W.)  
**Vegetation:** Lush understory consists mostly of bog birch with sedges and some bog rosemary, leatherleaf, tamarack, and aster; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on November 14, 1979.

Layer	Depth (cm)
Hemic	0-228
Clay loam	228+

**Location:** 650 feet N and 2000 feet E of the SW corner of Sec. 35, T.159N., R.27W. (NW1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 35, T.159N., R.27W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; understory consists of Labrador tea, leatherleaf, swamp laurel, and sedges; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 13, 1979.

Layer	Depth (cm)
Hemic	0-120
Sandy clay	120+

**Location:** 180 feet N and 1390 feet E of the SW corner of Sec. 36, T.159N., R.27W. (SW1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 36, T.159N., R.27W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges with some leatherleaf, bog rosemary, and horsetail; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 13, 1979.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-150
Silty clay	150+

**Location:** 1505 feet S and 600 feet E of the NW corner of Sec. 27, T.151N., R.28W. (NE1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 27, T.151N., R.28W.)  
**Vegetation:** Scattered black spruce and northern white cedar; lush understory consists of grasses and raspberry with some alder, dogwood, and bog birch; ground cover consists of some Sphagnum mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** H. Mooers and D. Haverkost on May 20, 1980.

Layer	Depth (cm)
Hemic	0-152
Silt loam	152+

**Location:** 590 feet N and 715 feet W of the SE corner of Sec. 35, T.159N., R.27W. (NE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 35, T.159N., R.27W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some Labrador tea, swamp laurel, and sedges; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface  
**Described By:** D. Mellem and D. Haverkost on September 13, 1979.

Layer	Depth (cm)
Fibric	0- 90
Hemic	90-212
Sapric	212-215
Silty clay	215+

**Location:** 425 feet S and 690 feet E of the NW corner of Sec. 6, T.151N., R.28W. (Gov. Lot 3, Sec. 6, T.151N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges with some leatherleaf, swamp laurel, bog rosemary, and iris; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and N. Aaseng on December 10, 1979.

Layer	Depth (cm)
Hemic	0-183
Coarse sand	183+
and medium sand	

**Location:** 70 feet N and 2325 feet E of the SW corner of Sec. 13, T.152N., R.28W. (SE1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 13, T.152N., R.28W.)  
**Vegetation:** Northern white cedar crown cover of about 90 percent with scattered black spruce; lush understory consists mostly of speckled alder with some grasses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on December 10, 1979.

Layer	Depth (cm)
Hemic	0-183
Fibric	183-198
Limnic	198-213
Silty clay with pebbles	213+

**Location:** 1960 feet S and 1400 feet W of the NE corner of Sec. 36, T.159N., R.27W. (SE1/4 of NE1/4 of SW1/4 of NE1/4, Sec. 36, T.159N., R.27W.)  
**Vegetation:** Scattered tamarack and black spruce; sparse understory consists of some leatherleaf, swamp laurel, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Near surface.  
**Described By:** R. Graber and D. Haverkost on November 14, 1979.

Layer	Depth (cm)
Fibric	0-152
Hemic	152-274
Clay loam	274+

**Location:** 75 feet S and 410 feet E of the NW corner of Sec. 7, T.151N., R.28W. (Gov. Lot 1, Sec. 7, T.151N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of leatherleaf with some grasses, swamp laurel, and Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and D. Haverkost on December 10, 1979.

Layer	Depth (cm)
Hemic	0-152
Silty clay	152+

**Location:** 1100 feet S and 2000 feet W of the NE corner of Sec. 1, T.153N., R.28W. (Gov. Lot 2, Sec. 1, T.153N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered tamarack; understory consists of leatherleaf with some Labrador tea, bog rosemary, sedges, and grasses; ground cover consists mostly of Sphagnum mosses with some snowberry and false Solomon's seal.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** H. Mooers and D. Haverkost on April 3, 1980.

Layer	Depth (cm)
Hemic	0-138
Loamy sand	138+

**Location:** 625 feet S and 530 feet W of the NE corner of Sec. 25, T.153N., R.28W.  
(SW1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 25, T.153N., R.28W.)  
**Vegetation:** Tamarack crown cover of about 35 percent; understory consists mostly of speckled alder with some Labrador tea and fern.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on October 27, 1976.

Layer	Depth (cm)
Hemic	0-157
Sand	157+

**Location:** 1650 feet S and 625 feet W of the NE corner of Sec. 25, T.153N., R.28W.  
(NW1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 25, T.153N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on October 27, 1976.

Layer	Depth (cm)
Peat	0-122
Mineral soil	122+

**Location:** 1060 feet N and 2425 feet W of the SE corner of Sec. 34, T.153N., R.28W.  
(NW1/4 of NW1/4 of SW1/4 of SE1/4, Sec. 34, T.153N., R.28W.)  
**Vegetation:** Tamarack crown cover of about 30 percent; understory consists mostly of grasses with some black spruce, northern white cedar, alder, sedges, cattail, and bog rosemary; ground cover consists of some Sphagnum mosses and pitcher plant.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and S. Nelson on April 3, 1980.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-223
Fine sand	223+

**Location:** 1600 feet S and 500 feet W of the NE corner of Sec. 1, T.154N., R.28W.  
(NW1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 1, T.154N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of leatherleaf with some swamp laurel, Labrador tea, and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier on September 9, 1976.

Layer	Depth (cm)
Fibric	0- 13
Hemic	13-198
Loam	198+

**Location:** 100 feet N and 675 feet W of the SE corner of Sec. 1, T.154N., R.28W.  
(SW1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 1, T.154N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; understory consists of leatherleaf with some Labrador tea and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on September 9, 1976.

Layer	Depth (cm)
Hemic	0-183
Clay loam	183+

**Location:** 230 feet S and 625 feet E of the NW corner of Sec. 1, T.154N., R.28W.  
(Gov. Lot 4, Sec. 1, T.154N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded  
**Described By:** R. Fox on September 16, 1976.

Layer	Depth (cm)
Fibric	0- 69
Hemic	69-203
Clay loam	203+

**Location:** 2375 feet S and 1660 feet E of the NW corner of Sec. 2, T.154N., R.28W.  
(SE1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 2, T.154N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 40 percent; lush understory consists of leatherleaf, sedges, and cotton grass with some Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on September 16, 1976.

Layer	Depth (cm)
Fibric	0- 51
Hemic	51-122
Loam	122+

**Location:** 125 feet N and 1600 feet E of the SW corner of Sec. 2, T.154N., R.28W.  
(SW1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 2, T.154N., R.28W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of leatherleaf with sedges and some Labrador tea and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth and R. Fox on September 16, 1976.

Layer	Depth (cm)
Fibric	0- 20
Hemic	20-140
Loam	140+

**Location:** 2410 feet N and 175 feet W of the SE corner of Sec. 2, T.154N., R.28W.  
(NE1/4 of NE1/4 of NE1/4 of SE1/4, Sec. 2, T.154N., R.28W.)  
**Vegetation:** Scattered tamarack; understory consists mostly of sedges and cotton grass with some black spruce; ground cover consists of some Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on September 15, 1976.

Layer	Depth (cm)
Fibric	0- 51
Hemic	51-163
Loam	163+

**Location:** 175 feet N and 250 feet W of the SE corner of Sec. 2, T.154N., R.28W. (SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 2, T.154N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of leatherleaf with Labrador tea and some bog rosemary, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described On:** September 13, 1976.

Layer	Depth (cm)
Fibric	0- 23
Hemic	23-155
Loam	155+

**Location:** 900 feet S and 1700 feet E of the NW corner of Sec. 2, T.154N., R.28W. (Gov. Lot 3, Sec. 2, T.154N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on September 16, 1976.

Layer	Depth (cm)
Fibric	0- 33
Hemic	33-142
Sandy loam	142+

**Location:** 2370 feet S and 1075 feet W of the NE corner of Sec. 3, T.154N., R.28W. (NW1/4 of SW1/4 of SE1/4 of NE1/4, Sec. 3, T.154N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists mostly of leatherleaf with Labrador tea and some sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth and R. Fox on September 16, 1976.

Layer	Depth (cm)
Fibric	0- 50
Hemic	50-173
Clay loam	173+

**Location:** 85 feet N and 25 feet E of the SW corner of Sec. 3, T.154N., R.28W. (SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 3, T.154N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of Labrador tea with some leatherleaf and sedges.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on September 16, 1976.

Layer	Depth (cm)
Fibric	0- 25
Hemic	25-180
Sandy loam	180+

**Location:** 1125 feet N and 1390 feet E of the SW corner of Sec. 3, T.154N., R.28W. (NW1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 3, T.154N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered tamarack; lush understory consists mostly of sedges with Labrador tea and leatherleaf; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Zarth and R. Fox on September 16, 1976.

Layer	Depth (cm)
Fibric	0-15
Hemic	15-86
Fine sand	86+

**Location:** 75 feet N and 1440 feet E of the SW corner of Sec. 3, T.154N., R.28W. (SW1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 3, T.154N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists of sedges with some Labrador tea, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on September 16, 1976.

Layer	Depth (cm)
Fibric	0- 18
Hemic	18-231
Sandy loam	231+

**Location:** 75 feet N and 1150 feet W of the SE corner of Sec. 3, T.154N., R.28W. (SW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 3, T.154N., R.28W.)  
**Vegetation:** Scattered black spruce; lush understory consists of sedges and leatherleaf with some bog rosemary; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 3 cm.  
**Described By:** R. Zarth and R. Fox on September 16, 1976.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-208
Sandy loam	208+

**Location:** 860 feet S and 1050 feet W of the NE corner of Sec. 3, T.154N., R.28W. (Gov. Lot 1, Sec. 3, T.154N., R.28W.)  
**Vegetation:** Scattered black spruce; lush understory consists of Labrador tea, leatherleaf, and cotton grass with some swamp laurel and bog birch; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on September 16, 1976.

Layer	Depth (cm)
Fibric	0- 20
Hemic	20-102
Sand	102+

**Location:** 75 feet N and 1105 feet E of the SW corner of Sec. 4, T.154N., R.28W. (SE1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 4, T.154N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of leatherleaf with bog birch and Labrador tea with some swamp laurel, willow, sedges, cotton grass, and bog rosemary; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on September 27, 1976.

Layer	Depth (cm)
Hemic	0-155
Sandy loam	155+



**Location:** 1435 feet N and 1790 feet E of the SW corner of Sec. 9, T. 154N., R. 28W. (SE1/4 of SW1/4 of NE1/4 of SW1/4, Sec. 9, T. 154N., R. 28W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists of sedges with some leatherleaf, Labrador tea, and pitcher plant; ground cover consists mostly of Sphagnum mosses with some other mosses  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on September 24, 1976.

Layer	Depth (cm)
Fibric	0- 84
Hemic	84-318
Clay loam	318+

**Location:** 1410 feet N and 80 feet W of the SE corner of Sec. 9, T. 154N., R. 28W. (SE1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 9, T. 154N., R. 28W.)  
**Vegetation:** Lush understory consists mostly of bog rosemary and leatherleaf with stunted black spruce, tamarack, willow, and sedges; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 75 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on September 24, 1976.

Layer	Depth (cm)
Fibric	0- 51
Sapric	51-124
Hemic	124-318
Mineral soil	318+

**Location:** 2390 feet S and 1130 feet W of the NE corner of Sec. 10, T. 154N., R. 28W. (SW1/4 of SW1/4 of SE1/4 of NE1/4, Sec. 10, T. 154N., R. 28W.)  
**Vegetation:** Scattered black spruce; lush understory consists of Labrador tea, leatherleaf, and cotton grass with some swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on September 20, 1976.

Layer	Depth (cm)
Fibric	0- 76
Hemic	76-411
Mineral soil	411+

**Location:** 2350 feet S and 225 feet E of the NW corner of Sec. 11, T. 154N., R. 28W. (SW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 11, T. 154N., R. 28W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of cotton grass with some leatherleaf and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier on September 21, 1976.

Layer	Depth (cm)
Fibric	0- 61
Sapric	61-140
Hemic	140-262
Sandy loam	262+

**Location:** 2300 feet S and 1625 feet E of the NW corner of Sec. 11, T. 154N., R. 28W. (SW1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 11, T. 154N., R. 28W.)  
**Vegetation:** Black spruce crown cover of about 50 percent; lush understory consists of cotton grass and grasses with some Labrador tea, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** M. Domeier on September 21, 1976.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-305
Sand over clay	305+

**Location:** 550 feet N and 1500 feet E of the SW corner of Sec. 11, T. 154N., R. 28W. (NW1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 11, T. 154N., R. 28W.)  
**Vegetation:** Black spruce crown cover of about 70 percent; lush understory consists mostly of Labrador tea with cotton grass and grasses with some leatherleaf and swamp laurel; ground cover consists of Sphagnum mosses and cranberry with some other mosses and lichens.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 21, 1976.

Layer	Depth (cm)
Fibric	0-228
Hemic	228-445
Clay loam	445+

**Location:** 1540 feet N and 2465 feet W of the SE corner of Sec. 11, T. 154N., R. 28W. (NW1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 11, T. 154N., R. 28W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists mostly of grasses and leatherleaf with swamp laurel and some Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier on September 21, 1976.

Layer	Depth (cm)
Fibric	0- 51
Sapric	51- 61
Hemic	61-432
Clay loam	432+

**Location:** 875 feet S and 280 feet W of the NE corner of Sec. 12, T. 154N., R. 28W. (NE1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 12, T. 154N., R. 28W.)  
**Vegetation:** Black spruce crown cover of about 50 percent with scattered tamarack; lush understory consists mostly of leatherleaf with grasses and some Labrador tea and swamp laurel; ground cover consists mostly of Sphagnum mosses with some feather mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on October 28, 1976.

Layer	Depth (cm)
Fibric	0- 23
Hemic	23-155
Clay loam	155+

**Location:** 2340 feet S and 90 feet E of the NW corner of Sec. 12, T. 154N., R. 28W. (SW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 12, T. 154N., R. 28W.)  
**Vegetation:** Lush understory consists mostly of sedges and leatherleaf with some black spruce and tamarack; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on September 30, 1976.

Layer	Depth (cm)
Fibric	0- 58
Hemic	58-236
Mineral soil	236+

**Location:** 2385 feet S and 2410 feet E of the NW corner of Sec. 12, T.154N., R.28W. (SE1/4 of SE1/4 of SE1/4 of NW1/4, Sec. 12, T.154N., R.28W.)

**Vegetation:** Scattered black spruce; lush understory consists mostly of sedges and leatherleaf with some tamarack; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described On:** September 30, 1976.

Layer	Depth (cm)
Fibric	0- 13
Hemic	13-137
Loam	137+

**Location:** 925 feet S and 2615 feet W of the NE corner of Sec. 13, T.154N., R.28W. (NW1/4 of SW1/4 of NW1/4 of NE1/4, Sec. 13, T.154N., R.28W.)

**Vegetation:** Scattered tamarack; lush understory consists mostly of sedges with leatherleaf; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** R. Fox on September 30, 1976.

Layer	Depth (cm)
Fibric	0- 66
Hemic	66-408
Loam	408+

**Location:** 700 feet S and 1430 feet W of the NE corner of Sec. 13, T.154N., R.28W. (NE1/4 of SE1/4 of NW1/4 of NE1/4, Sec. 13, T.154N., R.28W.)

**Vegetation:** Scattered black spruce and tamarack; understory consists mostly of leatherleaf with bog rosemary.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** R. Fox on September 30, 1976.

Layer	Depth (cm)
Peat	0-107
Mineral soil	107+

**Location:** 890 feet S and 1575 feet W of the NE corner of Sec. 13, T.154N., R.28W. (NW1/4 of SE1/4 of NW1/4 of NE1/4, Sec. 13, T.154N., R.28W.)

**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges and leatherleaf with some bog rosemary; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 45 cm.

**Depth To Water Table:** Not recorded.

**Described By:** R. Zarth on September 30, 1976.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-240
Sapric	240-244
Sand	244+

**Location:** 815 feet N and 875 feet E of the SW corner of Sec. 13, T.154N., R.28W. (SW1/4 of NE1/4 of SW1/4 of SW1/4, Sec. 13, T.154N., R.28W.)

**Vegetation:** Scattered tamarack and black spruce; lush understory consists mostly of bog rosemary with some sedges and bog birch; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 60 cm.

**Depth To Water Table:** Not recorded.

**Described By:** R. Fox in September , 1976.

Layer	Depth (cm)
Fibric	0- 20
Hemic	20-381
Silt	381+
loam	

**Location:** 825 feet S and 1050 feet W of the NE corner of Sec. 14, T.154N., R.28W. (NW1/4 of SW1/4 of NE1/4 of NE1/4, Sec. 14, T.154N., R.28W.)

**Vegetation:** Scattered black spruce; lush understory consists mostly of sedges and leatherleaf with some tamarack; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** Not recorded.

**Depth To Water Table:** At surface.

**Described By:** R. Zarth on September 30, 1976.

Layer	Depth (cm)
Fibric	0- 64
Hemic	64-500
Sapric	500-511
Loam	511+

**Location:** 1875 feet S and 1475 feet E of the NW corner of Sec. 14, T.154N., R.28W. (SW1/4 of NW1/4 of SE1/4 of NW1/4, Sec. 14, T.154N., R.28W.)

**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists of Labrador tea, swamp laurel, and cotton grass; ground cover consists of Sphagnum mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** 5 cm.

**Described By:** M. Domeier on September 21, 1976.

Layer	Depth (cm)
Fibric	0-290
Hemic	290-549
Clay	549+
loam	

**Location:** 125 feet S and 1200 feet W of the NE corner of Sec. 15, T.154N., R.28W. (NW1/4 of NW1/4 of NE1/4 of NE1/4, Sec. 15, T.154N., R.28W.)

**Vegetation:** Scattered black spruce; lush understory consists mostly of leatherleaf with Labrador tea and swamp laurel with some cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry.

**Microrelief:** 30 cm.

**Depth To Water Table:** Not recorded.

**Described By:** R. Zarth on September 20, 1976.

Layer	Depth (cm)
Fibric	0-127
Hemic	127+
Bottom	
unknown	

**Location:** 400 feet S and 1410 feet E of the NW corner of Sec. 15, T.154N., R.28W. (SW1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 15, T.154N., R.28W.)

**Vegetation:** Scattered black spruce; lush understory consists mostly of sedges with leatherleaf and some tamarack; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 15 cm.

**Depth To Water Table:** Not recorded.

**Described By:** R. Zarth on September 21, 1976.

Layer	Depth (cm)
Fibric	0-117
Hemic	117-366
Loam	366+

**Location:** 1850 feet S and 1425 feet E of the NW corner of Sec. 15, T.154N., R.28W.  
(SW1/4 of NW1/4 of SE1/4 of NW1/4, Sec. 15, T.154N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox and R. Zarth on September 21, 1976.

Layer	Depth (cm)
Fibric	0- 89
Hemic	89-564
Silt loam	564+

**Location:** 575 feet N and 1425 feet E of the SW corner of Sec. 15, T.154N., R.28W.  
(NW1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 15, T.154N., R.28W.)  
**Vegetation:** Scattered tamarack; lush understory consists mostly of sedges and bog birch with bog rosemary and some leatherleaf and willow; ground cover consists mostly of sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox and R. Zarth on September 21, 1976.

Layer	Depth (cm)
Fibric	0- 76
Hemic	76-417
Very fine sand	417+

**Location:** 2200 feet N and 1050 feet W of the SE corner of Sec. 15, T.154N., R.28W.  
(SW1/4 of NW1/4 of NE1/4 of SE1/4, Sec. 15, T.154N., R.28W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of leatherleaf with Labrador tea and some sedges and cotton grass.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth and R. Fox on September 20, 1976.

Layer	Depth (cm)
Fibric	0-254
Hemic	254-610+
Bottom	unknown

**Location:** 75 feet N and 1510 feet W of the SE corner of Sec. 15, T.154N., R.28W.  
(SE1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 15, T.154N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of bog rosemary and cotton grass with some swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on September 22, 1976.

Layer	Depth (cm)
Fibric	0-127
Sapric	127-162
Hemic	162-503
Sand	503+

**Location:** 1830 feet S and 1140 feet W of the NE corner of Sec. 16, T.154N., R.28W.  
(SW1/4 of NW1/4 of SE1/4 of NE1/4, Sec. 16, T.154N., R.28W.)  
**Vegetation:** Lush understory consists mostly of sedges with some tamarack and northern white cedar; ground cover consists of some Sphagnum mosses and pitcher plant.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** At surface.  
**Described By:** R. Zarth and R. Fox on September 27, 1976.

Layer	Depth (cm)
Hemic	0-396
Sandy loam	396+

**Location:** 630 feet S and 1615 feet W of the NE corner of Sec. 22, T.154N., R.28W.  
(SE1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 22, T.154N., R.28W.)  
**Vegetation:** Scattered tamarack; lush understory consists mostly of sedges and bog birch with some pitcher plant.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox and R. Zarth on September 27, 1976.

Layer	Depth (cm)
Hemic	0-488
Sand	488+

**Location:** 1310 feet S and 1475 feet E of the NW corner of Sec. 22, T.154N., R.28W.  
(SW1/4 of SW1/4 of NE1/4 of NW1/4, Sec. 22, T.154N., R.28W.)  
**Vegetation:** Scattered tamarack; lush understory consists mostly of bog rosemary and bog birch with sedges and some swamp laurel; ground cover consists of some Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox and R. Zarth on September 21, 1976.

Layer	Depth (cm)
Hemic	0-457
Medium sand	457+

**Location:** 2500 feet S and 1500 feet E of the NW corner of Sec. 22, T.154N., R.28W.  
(SW1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 22, T.154N., R.28W.)  
**Vegetation:** Tamarack crown cover of about 35 percent; understory consists of bog birch and bog rosemary with some willow; ground cover consists mostly of Sphagnum mosses with some pitcher plant.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox and R. Zarth on September 27, 1976.

Layer	Depth (cm)
Hemic	0-320
Sandy loam	320+

**Location:** 1570 feet N and 1520 feet E of the SW corner of Sec. 22, T.154N., R.28W.  
(SW1/4 of SW1/4 of NE1/4 of SW1/4, Sec. 22, T.154N., R.28W.)  
**Vegetation:** Tamarack crown cover of about 35 percent; understory consists of bog birch and bog rosemary with some willow; ground cover consists mostly of Sphagnum mosses with some pitcher plant.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Zarth and R. Fox on September 21, 1976.

Layer	Depth (cm)
Hemic	0-178
Sandy loam	178+

**Location:** 825 feet S and 725 feet E of the NW corner of Sec. 23, T.154N., R.28W. (NW1/4 of SE1/4 of NW1/4 of NW1/4, Sec. 23, T.154N., R.28W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of bog rosemary with sedges and some bog birch; ground cover consists mostly of Sphagnum mosses with some pitcher plant.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox and R. Zarth on September 22, 1976.

Layer	Depth (cm)
Fibric	0- 38
Hemic	38-472
Pebbly loam	472 +

**Location:** 1725 feet S and 1275 feet E of the NW corner of Sec. 23, T.154N., R.28W. (SE1/4 of NE1/4 of SW1/4 of NW1/4, Sec. 23, T.154N., R.28W.)  
**Vegetation:** Tamarack crown cover of about 35 percent; lush understory consists mostly of bog rosemary with cattails, bog birch, and grasses; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier on September 23, 1976.

Layer	Depth (cm)
Hemic	0-381
Sand	381 +

**Location:** 2350 feet S and 1150 feet E of the NW corner of Sec. 23, T.154N., R.28W. (SE1/4 of SE1/4 of SW1/4 of NW1/4, Sec. 23, T.154N., R.28W.)  
**Vegetation:** Scattered tamarack; lush understory consists mostly of grasses and leatherleaf with some bog rosemary, Labrador tea, and cattail; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 50 cm.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier on September 23, 1976.

Layer	Depth (cm)
Hemic	0-178
Mineral soil	178 +

**Location:** 2200 feet N and 1150 feet E of the SW corner of Sec. 23, T.154N., R.28W. (SE1/4 of NE1/4 of NW1/4 of SW1/4, Sec. 23, T.154N., R.28W.)  
**Vegetation:** Scattered tamarack; lush understory consists mostly of grasses with Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier on September 23, 1976.

Layer	Depth (cm)
Hemic	0-50
Sapric	50-56
Coarse sand	56 +

**Location:** 2500 feet S and 1750 feet W of the NE corner of Sec. 2, T.155N., R.28W. (SW1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 2, T.155N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; lush understory consists mostly of leatherleaf with some cotton grass, sedges, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox on August 13, 1976.

Layer	Depth (cm)
Hemic	0-345
Sapric	345-368
Very fine sand	368 +

**Location:** 1680 feet S and 1150 feet W of the NE corner of Sec. 2, T.155N., R.28W. (NW1/4 of NW1/4 of SE1/4 of NE1/4, Sec. 2, T.155N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists mostly of cotton grass and sedges with some leatherleaf, swamp laurel, and Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on August 13, 1976.

Layer	Depth (cm)
Hemic	0-246
Sand	246 +

**Location:** 1300 feet N and 2430 feet E of the SW corner of Sec. 2, T.155N., R.28W. (NE1/4 of NE1/4 of SE1/4 of SW1/4, Sec. 2, T.155N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of cotton grass with leatherleaf and some swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses and false Solomon's seal.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox on August 13, 1976.

Layer	Depth (cm)
Hemic	0-206
Sand	206 +

**Location:** 475 feet N and 1800 feet E of the SW corner of Sec. 2, T.155N., R.28W. (NE1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 2, T.155N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of leatherleaf, sedges, and cotton grass with some bog rosemary and bog birch; ground cover consists mostly of Sphagnum mosses with cranberry, false Solomon's seal and some other mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox on August 13, 1976.

Layer	Depth (cm)
Hemic	0-132
Medium to coarse sand	132 +

**Location:** 2125 feet N and 2325 feet W of the SE corner of Sec. 2, T.155N., R.28W. (SE1/4 of NW1/4 of NW1/4 of SE1/4, Sec. 2, T.155N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists mostly of leatherleaf with some Labrador tea, bog rosemary, swamp laurel, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox on August 13, 1976.

Layer	Depth (cm)
Hemic	0-267
Medium sand	267 +

**Location:** 60 feet S and 50 feet W of the NE corner of Sec. 2, T.155N., R.28W. (Gov. Lot 1, Sec. 2, T.155N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 65 percent with scattered tamarack; understory consists of sedges, Labrador tea, and leatherleaf; ground cover consists of some Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on July 24, 1976.

Layer	Depth (cm)
Hemic	0-152
Sand	152+

**Location:** 825 feet S and 540 feet W of the NE corner of Sec. 2, T.155N., R.28W. (Gov. Lot 1, Sec. 2, T.155N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; lush understory consists mostly of sedges and cotton grass with some Labrador tea, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry, other mosses, and false Solomon's seal.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox on August 13, 1976.

Layer	Depth (cm)
Hemic	0-122
Sand	122+

**Location:** 2075 feet S and 1200 feet E of the NW corner of Sec. 6, T.155N., R.28W. (NW1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 6, T.155N., R.28W.)  
**Vegetation:** Scattered black spruce; understory consists of Labrador tea and leatherleaf; ground cover consists of Sphagnum mosses and false Solomon's seal.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** 15 cm.  
**Described By:** R. Fox on August 5, 1976.

Layer	Depth (cm)
Hemic	0-91
Sandy loam	91+

**Location:** 2110 feet S and 2260 feet E of the NW corner of Sec. 6, T.155N., R.28W. (NE1/4 of SE1/4 of SE1/4 of NW1/4, Sec. 6, T.155N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 80 percent; lush understory consists of Labrador tea, leatherleaf, and grasses with some Indian pipe; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** R. Fox on August 5, 1976.

Layer	Depth (cm)
Hemic	0-206
Sapric	206-229
Sand with calcareous pebbles	229+

**Location:** 2050 feet N and 2300 feet E of the SW corner of Sec. 6, T.155N., R.28W. (SE1/4 of NE1/4 of NE1/4 of SW1/4, Sec. 6, T.155N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of Labrador tea, swamp laurel, leatherleaf, grasses, and pitcher plant; ground cover consists of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** R. Fox on August 5, 1976.

Layer	Depth (cm)
Hemic	0-175
Loamy sand	175+

**Location:** 40 feet N and 2290 feet E of the SW corner of Sec. 6, T.155N., R.28W. (SE1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 6, T.155N., R.28W.)  
**Vegetation:** Scattered black spruce; understory consists of Labrador tea, leatherleaf, and grasses; ground cover consists of Sphagnum mosses, cranberry, and feather mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on August 5, 1976.

Layer	Depth (cm)
Fibric	0- 18
Hemic	18-120
Loamy sand	120+

**Location:** 110 feet S and 2600 feet W of the NE corner of Sec.6, T.155N., R.28W. (Gov. Lot 2, Sec. 6, T.155N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of bog birch, Labrador tea, leatherleaf, and sedges; ground cover consists of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth, R. Fox, and M. Domeier on August 5, 1976.

Layer	Depth (cm)
Hemic	0-178
Sapric	178-183
Loamy sand with calcareous pebbles	183+

**Location:** 1300 feet S and 2325 feet E of the NW corner of Sec. 6, T.155N., R.28W. (Gov. Lot 3, Sec. 6, T.155N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 95 percent; lush understory consists mostly of Labrador tea with leatherleaf; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** R. Zarth, R. Fox, T. Malterer, and M. Domeier on August 5, 1976.

Layer	Depth (cm)
Fibric	0- 23
Hemic	23-200
Sapric	200-213
Loamy sand	213+

**Location:** 2075 feet S and 625 feet E of the NW corner of Sec. 6, T.155N., R.28W. (Gov. Lot 5, Sec. 6, T.155N., R.28W.)  
**Vegetation:** Tamarack crown cover of about 60 percent; understory consists of bog birch with some Labrador tea, sedges, and cotton grass; ground cover consists of some ferns.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on August 5, 1976.

Layer	Depth (cm)
Hemic	0-101
Loamy sand	101+

**Location:** 2150 feet S and 2130 feet E of the NW corner of Sec. 7, T.155N., R.28W. (NW1/4 of SE1/4 of SE1/4 of NW1/4, Sec. 7, T.155N., R.28W.)  
**Vegetation:** Scattered black spruce; understory consists of Labrador tea and leatherleaf; ground cover consists of Sphagnum mosses and cranberry.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on August 5, 1976.

Layer	Depth (cm)
Hemic	0-198
Clay with sand varves	198+

**Location:** 2375 feet S and 275 feet W of the NE corner of Sec. 10, T.155N., R.28W. (SE1/4 of SE1/4 of SE1/4 of NE1/4, Sec. 10, T.155N., R.28W.)  
**Vegetation:** Tamarack crown cover of about 35 percent; understory consists of bog birch and Labrador tea; ground cover consists of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on August 5, 1976.

Layer	Depth (cm)
Hemic	0-182
Sapric	182-193
Sandy clay loam	193+

**Location:** 320 feet S and 1200 feet E of the NW corner of Sec. 11, T.155N., R.28W. (NE1/4 of NE1/4 of NW1/4 of NW1/4, Sec. 11, T.155N., R.28W.)  
**Vegetation:** Lush understory consists mostly of leatherleaf, sedges, and cotton grass with bog rosemary and some bog birch; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** At surface.  
**Described By:** R. Fox on August 5, 1976.

Layer	Depth (cm)
Hemic	0-170
Sandy clay loam	170+

**Location:** 1220 feet S and 625 feet E of the NW corner of Sec. 11, T.155N., R.28W. (SE1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 11, T.155N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Hemic	0-162
Sapric	162-173
Mineral soil	173+

**Location:** 300 feet N and 1600 feet E of the SW corner of Sec. 26, T.155N., R.28W. (SW1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 26, T.155N., R.28W.)  
**Vegetation:** Consists of tamarack, speckled alder, and grasses.  
**Microrelief:** 8 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 4, 1976.

Layer	Depth (cm)
Hemic	0-61
Sand	61+

**Location:** 1040 feet S and 900 feet W of the NE corner of Sec. 34, T.155N., R.28W. (SE1/4 of SW1/4 of NE1/4 of NE1/4, Sec. 34, T.155N., R.28W.)  
**Vegetation:** Black spruce and paper birch crown cover of about 35 percent each; lush understory consists mostly of speckled alder with sedges; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 4, 1976.

Layer	Depth (cm)
Sapric	0-74
Medium sand	74+

**Location:** 1090 feet S and 2390 feet E of the NW corner of Sec. 34, T.155N., R.28W. (SE1/4 of SE1/4 of NE1/4 of NW1/4, Sec. 34, T.155N., R.28W.)  
**Vegetation:** Northern white cedar crown cover of about 60 percent with scattered paper birch, balsam fir, and black spruce; understory consists of speckled alder, sedges, and grasses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 4, 1976.

Layer	Depth (cm)
Hemic	0-41
Mineral soil	41+

**Location:** 2590 feet S and 100 feet E of the NW corner of Sec. 34, T.155N., R.28W. (SW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 34, T.155N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of Labrador tea with some speckled alder; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 4, 1976.

Layer	Depth (cm)
Sapric	0-112
Fine sand	112+

**Location:** 1775 feet N and 1975 feet E of the SW corner of Sec. 34, T.155N., R.28W. (NW1/4 of SE1/4 of NE1/4 of SW1/4, Sec. 34, T.155N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; understory consists of speckled alder; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 4, 1976.

Layer	Depth (cm)
Sapric	0-79
Sandy loam	79+

**Location:** 475 feet S and 1430 feet W of the NE corner of Sec. 35, T.155N., R.28W. (SE1/4 of NE1/4 of NW1/4 of NE1/4, Sec. 35, T.155N., R.28W.)  
**Vegetation:** Black spruce and tamarack crown cover of about 35 percent each with scattered balsam fir and paper birch; understory consists of Labrador tea with speckled alder; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 4, 1976.

Layer	Depth (cm)
Sapric	0-30
Clay loam	30+

**Location:** 1200 feet S and 760 feet E of the NW corner of Sec. 35, T.155N., R.28W. (SW1/4 of SE1/4 of NW1/4 of NW1/4, Sec. 35, T.155N., R.28W.)  
**Vegetation:** Scattered black spruce and paper birch; understory consists mostly of speckled alder with sedges; ground cover consists of some Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 4, 1976.

Layer	Depth (cm)
Hemic Clay loam	0-46 46+

**Location:** 1900 feet N and 500 feet E of the SW corner of Sec. 35, T.155N., R.28W. (NE1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 35, T.155N., R.28W.)  
**Vegetation:** Cut over area consists mostly of grasses with speckled alder, leatherleaf, and sedges.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 4, 1976.

Layer	Depth (cm)
Hemic	0- 75
Sapric	75-114
Sandy loam	114+

**Location:** 1100 feet N and 575 feet E of the SW corner of Sec. 35, T.155N., R.28W. (NE1/4 of NE1/4 of SW1/4 of SW1/4, Sec. 35, T.155N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; understory consists of grasses and Labrador tea; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on November 4, 1976.

Layer	Depth (cm)
Hemic	0-89
Sandy loam with calcareous pebbles	89+

**Location:** 1100 feet N and 1740 feet E of the SW corner of Sec. 35, T.155N., R.28W. (NE1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 35, T.155N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Zarth on September 16, 1976.

Layer	Depth (cm)
Fibric	0- 51
Hemic	51-122
Loam	122+

**Location:** 1200 feet S and 450 feet W of the NE corner of Sec. 36, T.155N., R.28W. (SW1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 36, T.155N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; lush understory consists mostly of balsam fir and leatherleaf; ground cover consists of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on September 9, 1976.

Layer	Depth (cm)
Fibric	0- 13
Hemic	13-168
Coarse sand	168+

**Location:** 2200 feet N and 630 feet E of the SW corner of Sec. 36, T.155N., R.28W. (SW1/4 of NE1/4 of NW1/4 of SW1/4, Sec. 36, T.155N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 35 percent; understory consists of leatherleaf with some Labrador tea, bog rosemary, and swamp laurel; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** R. Fox on September 16, 1976.

Layer	Depth (cm)
Fibric	0- 36
Hemic	36-114
Sapric	114-124
Sandy clay loam	124+

**Location:** 710 feet N and 460 feet W of the SE corner of Sec. 36, T.155N., R.28W. (SW1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 36, T.155N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** 3 cm.  
**Described By:** R. Zarth on September 9, 1976.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-208
Loam	208+

**Location:** 1140 feet S and 310 feet W of the NE corner of Sec. 3, T.156N., R.28W. (NE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 3, T.156N., R.28W.)  
**Vegetation:** Tamarack crown cover of about 50 percent with a black spruce crown cover of about 30 percent; lush understory consists of Labrador tea with some bog birch and ferns; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, false Solomon's seal, and pitcher plant.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** B. Wakanabo on August 4, 1977.

Layer	Depth (cm)
Hemic	0-215
Sapric	215-228
Sand	228+

**Location:** 1310 feet N and 300 feet W of the SE corner of Sec. 3, T.156N., R.28W. (NE1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 3, T.156N., R.28W.)

**Vegetation:** Tamarack crown cover of about 75 percent with a black spruce crown cover of about 20 percent; lush understory consists of Labrador tea with some grasses and bog birch; ground cover consists mostly of Sphagnum mosses with cranberry.

**Microrelief:** 30 cm.

**Depth To Water Table:** 20 cm.

**Described By:** B. Wakanabo on August 4, 1977.

Layer	Depth (cm)
Hemic	0-282
Sapric	282-310
Sandy clay	310+

**Location:** 1345 feet S and 280 feet W of the NE corner of Sec. 10, T.156N., R.28W. (NE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 10, T.156N., R.28W.)

**Vegetation:** Northern white cedar crown cover of about 60 percent with a black spruce crown cover of about 30 percent with scattered tamarack; lush understory consists mostly of grasses with some dogwood and ferns; ground cover consists of cranberry with some Sphagnum and other mosses.

**Microrelief:** 40 cm.

**Depth To Water Table:** 15 cm.

**Described By:** B. Wakanabo on August 4, 1977.

Layer	Depth (cm)
Hemic	0-58
Clay	58+
loam	

**Location:** 75 feet N and 225 feet E of the SW corner of Sec. 11, T.156N., R.28W. (SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 11, T.156N., R.28W.)

**Vegetation:** Not recorded.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described:** In July, 1976.

Layer	Depth (cm)
Hemic	0-121
Silt	121+

**Location:** 75 feet N and 1200 feet E of the SW corner of Sec. 11, T.156N., R.28W. (SE1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 11, T.156N., R.28W.)

**Vegetation:** Not recorded.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described:** In July, 1976.

Layer	Depth (cm)
Hemic	0-152
Clay loam	152+

**Location:** 50 feet N and 2200 feet E of the SW corner of Sec. 11, T.156N., R.28W. (SW1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 11, T.156N., R.28W.)

**Vegetation:** Not recorded.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** Not recorded.

Layer	Depth (cm)
Hemic	0-182
Sand	182+

**Location:** 125 feet N and 625 feet W of the SE corner of Sec. 11, T. 156N., R.28W. (SE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 11, T.156N., R.28W.)

**Vegetation:** Cut over area surrounded by about 90 percent crown cover of black spruce with scattered tamarack and northern white cedar; sparse understory consists of grasses, raspberry, and goldenrod.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded

**Described By:** D. Olson and D. Haverkost on November 13, 1979.

Layer	Depth (cm)
Hemic	0-122
Sapric	122-152
Very fine sand	152+

**Location:** 1375 feet S and 200 feet W of the NE corner of Sec. 13, T.156N., R.28W. (SE1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 13, T.156N., R.28W.)

**Vegetation:** Black spruce crown cover of about 50 percent with a northern white cedar crown cover of about 35 percent; understory consists of grasses with some Labrador tea and leatherleaf.

**Microrelief:** 15 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and R. Graber on November 13, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-213
Fine sand	213+

**Location:** 1450 feet S and 225 feet W of the NE corner of Sec. 15, T.156N., R.28W. (NE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 15, T.156N., R.28W.)

**Vegetation:** Scattered spruce; lush understory consists mostly of grasses with shrubs, Labrador tea, bog birch, and some bog rosemary and ferns; ground cover consists of Sphagnum mosses with some other mosses.

**Microrelief:** 20 cm.

**Depth To Water Table:** 50 cm.

**Described By:** B. Wakanabo on August 3, 1977.

Layer	Depth (cm)
Hemic	0-136
Loamy sand	136+

**Location:** 1485 feet S and 590 feet W of the NE corner of Sec. 15, T.156N., R.28W. (NW1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 15, T.156N., R.28W.)

**Vegetation:** Tamarack crown cover of about 75 percent with scattered cedar; lush understory consists mostly of cotton grass with bog birch and some Labrador tea and bog rosemary; ground cover consists of Sphagnum mosses with some other mosses, false Solomon's seal and cranberry.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** B. Wakanabo on August 3, 1977.

Layer	Depth (cm)
Hemic	0-190
Sand	190+



**Location:** 75 feet N and 250 feet W of the SE corner of Sec. 15, T.156N., R.28W.  
(SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 15, T.156N., R.28W.)  
**Vegetation:** Tamarack crown cover of about 40 percent with a black spruce crown cover of about 20 percent; lush understory consists mostly of sedges with some willow and dogwood.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** M. Domeier on October 21, 1976.

Layer	Depth (cm)
Hemic	0-28
Sandy loam	28+

**Location:** 1525 feet N and 2600 feet E of the SW corner of Sec. 22, T.156N., R.28W.  
(SE1/4 of SE1/4 of NE1/4 of SW1/4, Sec. 22, T.156N., R.28W.)  
**Vegetation:** Open bog.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** C. Cameron and M. Domeier on July 19, 1976.

Layer	Depth (cm)
Peat	0-30
Sand	30+

**Location:** 1550 feet N and 225 feet W of the SE corner of Sec. 22, T.156N., R.28W.  
(SE1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 22, T.156N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 50 percent; understory consists of Labrador tea; ground cover consists of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** C. Cameron and M. Domeier on July 19, 1976.

Layer	Depth (cm)
Peat	0-15
Sand	15+

**Location:** 125 feet S and 50 feet E of the NW corner of Sec. 26, T.156N., R.28W.  
(NW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 26, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** T. Malter, C. Cameron, and R. Zarth in July, 1976.

Layer	Depth (cm)
Hemic	0-76
Sand	76+

**Location:** 500 feet S and 50 feet E of the NW corner of Sec. 26, T.156N., R.28W.  
(SW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 26, T.156N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of leatherleaf and Labrador tea.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described:** In July, 1976.

Layer	Depth (cm)
Fibric	0- 51
Hemic	51-182
Sapric	182-198
Medium sand	198+

**Location:** 1000 feet S and 50 feet E of the NW corner of Sec. 26, T.156N., R.28W.  
(SW1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 26, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** Not recorded.  
**Described:** In July, 1976.

Layer	Depth (cm)
Fibric	0- 40
Hemic	40-213
Sapric	213-288
Medium sand	228+

**Location:** 1500 feet S and 50 feet E of the NW corner of Sec. 26, T.156N., R.28W.  
(NW1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 26, T.156N., R.28W.)  
**Vegetation:** Scattered black spruce; understory consists of grasses, leatherleaf, and Labrador tea; ground cover consists of Sphagnum mosses.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described:** In July, 1976.

Layer	Depth (cm)
Fibric	0- 43
Hemic	43-274
Silt loam	274+

**Location:** 2000 feet S and 50 feet E of the NW corner of Sec. 26, T.156N., R.28W.  
(NW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 26, T.156N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 50 percent with scattered tamarack.  
**Microrelief:** 90 cm.  
**Depth To Water Table:** At surface.  
**Described:** In July, 1976.

Layer	Depth (cm)
Fibric	0- 43
Hemic	43-304
Sand	304+

**Location:** 2500 feet S and 50 feet E of the NW corner of Sec. 26, T.156N., R.28W.  
(SW1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 26, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described:** In July, 1976.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-304
Sapric	304-320
Medium sand	320+

**Location:** 2275 feet N and 2385 feet E of the SW corner of Sec. 26, T.156N., R.28W.  
(SE1/4 of NE1/4 of NE1/4 of SW1/4, Sec. 26, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Fibric	0- 35
Peat	35-426
Mineral soil	426+

**Location:** 2225 feet N and 50 feet E of the SW corner of Sec. 26, T.156N., R.28W.  
(SW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 26, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described:** In July, 1976.

Layer	Depth (cm)
Fibric	0- 56
Hemic	56-304
Sapric	304-335
Sand	335+

**Location:** 1725 feet N and 50 feet E of the SW corner of Sec. 26, T.156N., R.28W.  
(NW1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 26, T.156N., R.28W.)  
**Vegetation:** Consists mostly of black spruce and Labrador tea with some leatherleaf.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described:** In July, 1976.

Layer	Depth (cm)
Fibric	0- 56
Hemic	56-274
Sapric	274-305
Sand	305+

**Location:** 1265 feet N and 50 feet E of the SW corner of Sec. 26, T.156N., R.28W.  
(NW1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 26, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described:** In July, 1976.

Layer	Depth (cm)
Fibric	0-168
Hemic	168-365
Sapric	365-396
Sand	396+

**Location:** 290 feet N and 1040 feet E of the SW corner of Sec. 26, T.156N., R.28W.  
(SW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 26, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Fibric	0-254
Peat	254-548
Mineral soil	548+

**Location:** 2330 feet N and 2300 feet E of the SW corner of Sec. 27, T.156N., R.28W.  
(NE1/4 of NE1/4 of NE1/4 of SW1/4, Sec. 27, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Fibric	0- 40
Peat	40-426
Mineral soil	426+

**Location:** 875 feet N and 1025 feet W of the SE corner of Sec. 27, T.156N., R.28W.  
(SW1/4 of NW1/4 of SE1/4 of SE1/4, Sec. 27, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Fibric	0-182
Peat	182-457
Mineral soil	457+

**Location:** 400 feet N and 2500 feet E of the SW corner of Sec. 31, T.156N., R.28W.  
(SE1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 31, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Peat	0-107
Mineral soil	107+

**Location:** 200 feet N and 2500 feet E of the SW corner of Sec. 31, T.156N., R.28W.  
(SE1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 31, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Peat	0-152
Mineral soil	152+

**Location:** 1350 feet S and 50 feet W of the NE corner of Sec. 34, T.156N., R.28W.  
(NE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 34, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Fibric	0-203
Peat	203-457
Mineral soil	457+

**Location:** 2200 feet S and 650 feet W of the NE corner of Sec. 34, T.156N., R.28W.  
(NE1/4 of SW1/4 of SE1/4 of NE1/4, Sec. 34, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Fibric	0-116
Peat	116-365
Mineral soil	365+

**Location:** 650 feet S and 2200 feet E of the NW corner of Sec. 34, T.156N., R.28W.  
(SW1/4 of NE1/4 of NE1/4 of NW1/4, Sec. 34, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Fibric	0- 60
Peat	60-426
Mineral soil	426+

**Location:** 2425 feet N and 1075 feet W of the SE corner of Sec. 34, T.156N., R.28W.  
(NW1/4 of NW1/4 of SE1/4 of SE1/4, Sec. 34, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Fibric	0- 30
Peat	30-304
Mineral soil	304+

**Location:** 1790 feet N and 1475 feet W of the SE corner of Sec. 34, T.156N., R.28W.  
(NE1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 34, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Peat	0-61
Mineral soil	61+

**Location:** 500 feet S and 500 feet E of the NW corner of Sec. 35, T.156N., R.28W.  
(SE1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 35, T.156N., R.28W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** Not recorded.

Layer	Depth (cm)
Fibric	0-243
Peat	243-518
Mineral soil	518+

**Location:** 1800 feet S and 775 feet W of the NE corner of Sec. 5, T.157N., R.28W.  
(SE1/4 of NW1/4 of SE1/4 of NE1/4, Sec. 5, T.157N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges and bog birch with some Labrador tea, leatherleaf, horsetail, and grasses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on November 13, 1979.

Layer	Depth (cm)
Hemic	0-106
Mineral Soil	106+

**Location:** 2600 feet N and 660 feet E of the SW corner of Sec. 14, T.157N., R.28W.  
(NE1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 14, T.157N., R.28W.)  
**Vegetation:** Scattered northern white cedar, paper birch, and black spruce; lush understory consists mostly of speckled alder and grasses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 12, 1979.

Layer	Depth (cm)
Hemic	0-65
Silty clay	65+

**Location:** 1575 feet N and 900 feet E of the SW corner of Sec. 15, T.157N., R.28W.  
(SW1/4 of SE1/4 of NW1/4 of SW1/4, Sec. 15, T.157N., R.28W.)  
**Vegetation:** Northern white cedar crown cover of about 30 percent with scattered black spruce; lush understory consists mostly of grasses with alder and horsetail.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** 10 cm. above surface.  
**Described By:** D. Mellem and D. Haverkost on September 12, 1979.

Layer	Depth (cm)
Sapric	0-145
Silty clay	145+

**Location:** 950 feet N and 2390 feet E of the SW corner of Sec. 17, T.157N., R.28W. (SE1/4 of NE1/4 of SE1/4 of SW1/4, Sec. 17, T.157N., R.28W.)

**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of bog birch and leatherleaf with some Labrador tea; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and R. Graber on November 13, 1979.

Layer	Depth (cm)
Hemic	0- 75
Sapric	75-122
Clay loam	122+

**Location:** 75 feet N and 25 feet E of the SW corner of Sec. 26, T.157N., R.28W. (SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 26, T.157N., R.28W.)

**Vegetation:** Consists mostly of northern white cedar.

**Microrelief:** 5 cm.

**Depth To Water Table:** Not recorded.

**Described By:** M. Domeier on October 21, 1976.

Layer	Depth (cm)
Sapric	0-20
Clay loam	20-35
Sand	35+

**Location:** 1730 feet S and 1330 feet W of the NE corner of Sec. 30, T.157N., R.28W. (SW1/4 of NW1/4 of SE1/4 of NE1/4, Sec. 30, T.157N., R.28W.)

**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of leatherleaf with bog birch, sedges, and some swamp laurel; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 25 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Olson and D. Haverkost on November 13, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-152
Mineral soil	152+

**Location:** 300 feet S and 325 feet E of the NW corner of Sec. 30, T.157N., R.28W. (Gov. Lot 1, Sec. 30, T.157N., R.28W.)

**Vegetation:** Understory consists mostly of sedges with cotton grass, bog birch and some speckled alder and cattails.

**Microrelief:** Negligible.

**Depth To Water Table:** At surface.

**Described By:** D. Olson and D. Haverkost on August 2, 1979.

Layer	Depth (cm)
Hemic	0-91
Medium sand	91+

**Location:** 100 feet N and 525 feet E of the SW corner of Sec. 31, T.157N., R.28W. (Gov. Lot 4, Sec. 31, T.157N., R.28W.)

**Vegetation:** Scattered tamarack; lush understory consists mostly of sedges with some bog rosemary, speckled alder, bog birch, and horsetail; ground cover consists mostly of Sphagnum mosses with some other mosses, false Solomon's seal, cranberry, and pitcher plant.

**Microrelief:** 15 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Olson and D. Haverkost on August 1, 1979.

Layer	Depth (cm)
Hemic	0- 71
Sapric	71-173
Silty clay loam	173+

**Location:** 225 feet N and 1525 feet E of the SW corner of Sec. 6, T.158N., R.28W. (SW1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 6, T.158N., R.28W.)

**Vegetation:** Lush understory consists mostly of sedges with some black spruce, northern white cedar, bog birch, willow, bog rosemary, Labrador tea, leatherleaf, and cattail; ground cover consists of some Sphagnum mosses.

**Microrelief:** 10 cm.

**Depth To Water Table:** 25 cm.

**Described By:** D. Olson and N. Aaseng on October 29, 1979.

Layer	Depth (cm)
Hemic	0-167
Silty clay	167+

**Location:** 100 feet N and 1865 feet W of the SE corner of Sec. 7, T.158N., R.28W. (SW1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 7, T.158N., R.28W.)

**Vegetation:** Understory consists mostly of sedges with some bog birch, willow, grasses, and leatherleaf; ground cover consists of some Sphagnum and other mosses.

**Microrelief:** 10 cm.

**Depth To Water Table:** Not recorded.

**Described By:** D. Olson and N. Aaseng on October 29, 1979.

Layer	Depth (cm)
Hemic	0-127
Fine sand	127+

**Location:** 100 feet S and 150 feet W of the NE corner of Sec. 8, T.158N., R.28W. (NE1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 8, T.158N., R.28W.)

**Vegetation:** Black spruce crown cover of about 65 percent with scattered tamarack; sparse understory consists of sedges, bog rosemary, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and Indian pipe.

**Microrelief:** 10 cm.

**Depth To Water Table:** Not recorded.

**Described By:** D. Olson and N. Aaseng on October 29, 1979.

Layer	Depth (cm)
Hemic	0-233
Clay	233+

**Location:** 160 feet N and 160 feet W of the SE corner of Sec. 8, T.158N., R.28W. (SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 8, T.158N., R.28W.)

**Vegetation:** Scattered black spruce and northern white cedar; lush understory consists mostly of grasses and speckled alder.

**Microrelief:** Negligible.

**Depth To Water Table:** 15 cm.

**Described By:** D. Mellem and D. Haverkost on October 29, 1979.

Layer	Depth (cm)
Hemic	0-20
Fine sand	20+

**Location:** 1675 feet S and 490 feet W of the NE corner of Sec. 9, T.158N., R.28W. (SW1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 9, T.158N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; understory consists of Labrador tea with some sedges and leatherleaf; ground cover consists mostly of mosses including Sphagnum mosses, false Solomon's seal and some cranberry and lichens.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** N. Aaseng and D. Haverkost on November 2, 1979.

Layer	Depth (cm)
Hemic	0-167
Silty clay	167+

**Location:** 2350 feet S and 2430 feet W of the NE corner of Sec. 11, T.158N., R.28W. (SW1/4 of SW1/4 of SW1/4 of NE1/4, Sec. 11, T.158N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 85 percent; understory consists of leatherleaf with some swamp laurel and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier on September 2, 1976.

Layer	Depth (cm)
Fibric	0- 46
Hemic	46-125
Sapric	125-150
Hemic	150-323
Clay loam	323+

**Location:** 75 feet S and 1625 feet E of the NW corner of Sec. 11, T.158N., R.28W. (NW1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 11, T.158N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered tamarack; sparse understory consists of some grasses and cattails; ground cover consists mostly of mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and R. Graber on November 1, 1979.

Layer	Depth (cm)
Hemic	0-244
Silt and very fine sand	244+

**Location:** 1975 feet S and 525 feet W of the NE corner of Sec. 13, T.158N., R.28W. (SW1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 13, T.158N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges with leatherleaf and some swamp laurel and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry and pitcher plant.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** N. Aaseng and D. Haverkost on November 2, 1979.

Layer	Depth (cm)
Hemic	0-180
Sapric	180-225
Hemic	225-330
Sapric	330-390
Fine sand and clay	390+

**Location:** 800 feet N and 1365 feet E of the SW corner of Sec. 14, T.158N., R.28W. (SW1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 14, T.158N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 50 percent; lush understory consists mostly of Labrador tea and grasses; ground cover consists mostly of Sphagnum mosses and cranberry with some false Solomon's seal.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** M. Domeier on September 23, 1976.

Layer	Depth (cm)
Fibric	0-290
Hemic	290-549
Mineral soil	549+

**Location:** 645 feet N and 1925 feet E of the SW corner of Sec. 17, T.158N., R.28W. (NW1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 17, T.158N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of grasses; ground cover consists of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Olson and D. Mellem on September 19, 1979.

Layer	Depth (cm)
Hemic	0-110
Sandy clay	110+

**Location:** 475 feet S and 950 feet E of the NW corner of Sec. 20, T.158N., R.28W. (SW1/4 of NE1/4 of NW1/4 of NW1/4, Sec. 20, T.158N., R.28W.)  
**Vegetation:** Scattered black spruce, northern white cedar, and tamarack; sparse understory consists of some sedges, Labrador tea, and dogwood; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Olson and D. Mellem on September 19, 1979.

Layer	Depth (cm)
Sapric	0-76
Sandy loam	76+

**Location:** 2240 feet S and 900 feet E of the NW corner of Sec. 20, T.158N., R.28W. (NW1/4 of SE1/4 of SW1/4 of NW1/4, Sec. 20, T.158N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 50 percent with a tamarack crown cover of about 40 percent; sparse understory consists of some Labrador tea and leatherleaf; ground cover consists of Sphagnum and other mosses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Below 25 cm.  
**Described By:** D. Olson and D. Mellem on September 19, 1979.

Layer	Depth (cm)
Hemic	0-25
Fine sand	25+

**Location:** 1765 feet N and 885 feet E of the SW corner of Sec. 20, T.158N., R.28W. (NW1/4 of SE1/4 of NW1/4 of SW1/4, Sec. 20, T.158N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 65 percent with scattered tamarack; sparse understory consists of some Labrador tea, bog birch, and leatherleaf; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and D. Mellem on September 19, 1979.

Layer	Depth (cm)
Hemic	0-105
Sapric	105-151
Clay with calcareous pebbles	151+

**Location:** 1235 feet N and 150 feet E of the SW corner of Sec. 25, T.158N., R.28W.  
(NW1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 25, T.158N., R.28W.)  
**Vegetation:** Scattered black spruce, tamarack, and northern white cedar; lush under-  
story consists mostly of grasses with some willow.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Below 90 cm.  
**Described By:** D. Olson and D. Mellem on September 11, 1979.

Layer	Depth (cm)
Fibric	0-90
Fine sand and clay	90+

**Location:** 2250 feet S and 2525 feet W of the NE corner of Sec. 32, T.158N., R.28W.  
(NW1/4 of SW1/4 of SW1/4 of NE1/4, Sec. 32, T.158N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly  
of sedges with some swamp laurel and leatherleaf; ground cover consists  
mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on November 13, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-281
Sandy clay	281+

**Location:** 1125 feet N and 800 feet W of the SE corner of Sec. 32, T.158N., R.28W.  
(NE1/4 of NW1/4 of SE1/4 of SE1/4, Sec. 32, T.158N., R.28W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of  
leatherleaf with some swamp laurel; ground cover consists mostly of  
Sphagnum mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and R. Graber on November 13, 1979.

Layer	Depth (cm)
Hemic	0-122
Sandy clay	122+

**Location:** 1650 feet N and 1900 feet W of the SE corner of Sec. 34, T.158N., R.28W.  
(NW1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 34, T.158N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 75 percent; understory consists of  
Labrador tea with some sedges, bog rosemary, and leatherleaf; ground cover  
consists mostly of mosses including Sphagnum mosses with some lingen  
berry, cranberry, and blueberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** N. Aaseng and D. Haverkost on November 2, 1979.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-120
Sapric	120-180
Silty clay with pebbles	180+

**Location:** 75 feet S and 1700 feet E of the NW corner of Sec. 2, T.159N., R.28W.  
(Gov. Lot 3, Sec. 2, T.159N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 75 percent with an aspen crown  
cover of about 20 percent; understory consists of some Labrador tea, grasses,  
and leatherleaf.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem on November 13, 1979.

Layer	Depth (cm)
Hemic	0-183
Very fine sand	183+

**Location:** 900 feet N and 1450 feet W of the SE corner of Sec. 5, T.159N., R.28W.  
(SE1/4 of NE1/4 of SW1/4 of SE1/4, Sec. 5, T.159N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 60 percent; sparse understory con-  
sists of some sedges, balsam fir, and Labrador tea; ground cover consis-  
tly of Sphagnum mosses with some other mosses and bunchberry.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and N. Aaseng on October 30, 1979.

Layer	Depth (cm)
Hemic	0-213
Silty clay loam	213+

**Location:** 575 feet S and 2125 feet W of the NE corner of Sec. 6, T.159N., R.28W.  
(Gov. Lot 2, Sec. 6, T.159N., R.28W.)  
**Vegetation:** Black spruce crown cover of about 35 percent with scattered  
tamarack; sparse understory consists of some Labrador tea, sedges, and  
alder; ground cover consists mostly of mosses including Sphagnum mosses  
with some lingen berry, goldthread, bunchberry, snowberry, and false  
Solomon's seal.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on October 30, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-152
Silty clay	152+

**Location:** 700 feet S and 100 feet E of the NW corner of Sec. 7, T.159N., R.28W.  
(Gov. Lot 1, Sec. 7, T.159N., R.28W.)  
**Vegetation:** Understory consists mostly of grasses with scattered poplar.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Hemic	0-180
Silty clay	180+

**Location:** 525 feet N and 1655 feet E of the SW corner of Sec. 9, T.159N., R.28W.  
(NW1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 9, T.159N., R.28W.)  
**Vegetation:** Scattered aspen, balsam fir, tamarack, and black spruce; lush under-  
story consists mostly of grasses with alder and some Labrador tea; ground  
cover consists of some Sphagnum and other mosses, bunchberry, and  
raspberry.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Below 45 cm.  
**Described By:** D. Mellem and N. Aaseng on November 1, 1979.

Layer	Depth (cm)
Sapric	0-45
Coarse sandy clay	45+

**Location:** 975 feet N and 150 feet W of the SE corner of Sec. 3, T.152N., R.29W. (NE1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 3, T.152N., R.29W.)  
**Vegetation:** Scattered black spruce, tamarack, and northern white cedar; sparse understory consists of some Labrador tea, dogwood, willow, alder, and bog birch; ground cover consists mostly of Sphagnum mosses with some other mosses and pitcher plant.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 30, 1979.

Layer	Depth (cm)
Hemic	0-272
Fine	272+
and	
medium	
sand	

**Location:** 1100 feet N and 2220 feet E of the SW corner of Sec. 5, T.152N., R.29W. (NW1/4 of NE1/4 of SE1/4 of SW1/4, Sec. 5, T.152N., R.29W.)  
**Vegetation:** Northern white cedar crown cover of about 45 percent with scattered tamarack and black spruce; sparse understory consists of some willow, dogwood, and horsetail; ground cover consists of some mosses and cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 29, 1979.

Layer	Depth (cm)
Hemic	0-105
Fine	105+
sand	

**Location:** 1050 feet S and 250 feet E of the NW corner of Sec. 7, T.152N., R.29W. (Gov. Lot 1, Sec. 7, T.152N., R.29W.)  
**Vegetation:** Northern white cedar crown cover of about 40 percent with scattered tamarack; understory consists of sedges with some Labrador tea, alder, balsam fir, and horsetail; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 29, 1979.

Layer	Depth (cm)
Hemic	0-45
Fine	45+
sand	

**Location:** 330 feet N and 50 feet W of the SE corner of Sec. 3, T.152N., R.29W. (SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 3, T.152N., R.29W.)  
**Vegetation:** Scattered northern white cedar, ash, and black spruce; sparse understory consists of some grasses, Labrador tea, willow, dogwood, and daisies; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 30, 1979.

Layer	Depth (cm)
Hemic	0-210
Sandy	210+
clay	
with	
pebbles	

**Location:** 1760 feet S and 300 feet E of the NW corner of Sec. 6, T.152N., R.29W. (Gov. Lot 5, Sec. 6, T.152N., R.29W.)  
**Vegetation:** Lush understory consists mostly of grasses with bog birch and some tamarack, dogwood, Labrador tea, cotton grass, ferns, and cattails.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Mellem on August 3, 1979.

Layer	Depth (cm)
Hemic	0-150
Sandy	150+
loam	

**Location:** 755 feet S and 75 feet W of the NE corner of Sec. 10, T.152N., R.29W. (NE1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 10, T.152N., R.29W.)  
**Vegetation:** Northern white cedar crown cover of about 40 percent with about 40 percent crown cover of ash; sparse understory consists of some balsam fir, grasses, and horsetail; ground cover consists mostly of mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 30, 1979.

Layer	Depth (cm)
Hemic	0-90
Coarse	90+
medium	
and	
fine	
sandy	
clay	

**Location:** 1745 feet S and 2050 feet W of the NE corner of Sec. 5, T.152N., R.29W. (SE1/4 of NW1/4 of SW1/4 of NE1/4, Sec. 5, T.152N., R.29W.)  
**Vegetation:** Scattered black spruce, tamarack, and northern white cedar; understory consists of bog birch with some Labrador tea, leatherleaf, bog rosemary, and daisies; ground cover consists of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 29, 1979.

Layer	Depth (cm)
Hemic	0-190
Fine	190+
and	
medium	
sandy	
clay	

**Location:** 1450 feet S and 1350 feet W of the NE corner of Sec. 7, T.152N., R.29W. (NE1/4 of NE1/4 of SW1/4 of NE1/4, Sec. 7, T.152N., R.29W.)  
**Vegetation:** Northern white cedar crown cover of about 70 percent with scattered balsam fir, ash, and black spruce; understory consists of grasses with some speckled alder and dogwood; ground cover consists of some mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** D. Mellem and D. Haverkost on August 29, 1979.

Layer	Depth (cm)
Hemic	0-45
Fine	45+
sand	

**Location:** 1375 feet N and 1325 feet W of the SE corner of Sec. 12, T.153N., R.29W. (SE1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 12, T.153N., R.29W.)  
**Vegetation:** Scattered tamarack; sparse understory consists of some grasses, bog rosemary, willow, bog birch, fern, and cattail; ground cover consists of some Sphagnum mosses, other mosses, and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 22, 1979.

Layer	Depth (cm)
Hemic	0-191
Fine	191+
and	
medium	
sand	

**Location:** 100 feet N and 1400 feet W of the SE corner of Sec. 12, T.153N., R.29W. (SE1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 12, T.153N., R.29W.)  
**Vegetation:** Scattered black spruce; understory consists of some bog birch, sedges, Labrador tea, leatherleaf, cattails, grasses, and ferns; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 22, 1979.

Layer	Depth (cm)
Hemic	0-252
Sandy clay	252+

**Location:** 2300 feet S and 2000 feet E of the NW corner of Sec. 17, T.153N., R.29W. (SE1/4 of SW1/4 of SE1/4 of NW1/4, Sec. 17, T.153N., R.29W.)  
**Vegetation:** Black spruce crown cover of about 65 percent; lush understory consists mostly of Labrador tea with some grasses, leatherleaf, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 21, 1979.

Layer	Depth (cm)
Hemic	0-145
Silty clay	145+

**Location:** 50 feet N and 1200 feet W of the SE corner of Sec. 18, T.153N., R.29W. (SE1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 18, T.153N., R.29W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 21, 1979.

Layer	Depth (cm)
Hemic	0-290
Fine and medium sand	290+

**Location:** 1200 feet S and 775 feet E of the NW corner of Sec. 17, T.153N., R.29W. (SW1/4 of SE1/4 of NW1/4 of NW1/4, Sec. 17, T.153N., R.29W.)  
**Vegetation:** Scattered tamarack; understory consists mostly of sedges with some grasses, willow, bog birch, Labrador tea, leatherleaf, bog rosemary, and horsetail; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 21, 1979.

Layer	Depth (cm)
Hemic	0-105
Fine and medium sand	105+

**Location:** 1200 feet N and 2580 feet W of the SE corner of Sec. 17, T.153N., R.29W. (SW1/4 of SW1/4 of NW1/4 of SE1/4, Sec. 17, T.153N., R.29W.)  
**Vegetation:** Black spruce crown cover of about 20 percent with scattered tamarack; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, sedges, cotton grass, cattails, and bog birch; ground cover consists mostly of Sphagnum mosses with some other mosses and false Solomon's seal.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 21, 1979.

Layer	Depth (cm)
Fibric	0- 25
Hemic	25-170
Fine and medium sandy clay	170+

**Location:** 1230 feet S and 1290 feet E of the NW corner of Sec. 19, T.153N., R.29W. (SW1/4 of SW1/4 of NE1/4 of NW1/4, Sec. 19, T.153N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists mostly of leatherleaf with some cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and D. Olson on August 3, 1979.

Layer	Depth (cm)
Fibric	0- 76
Hemic	76-427
Medium sand	427+

**Location:** 2275 feet S and 400 feet E of the NW corner of Sec. 17, T.153N., R.29W. (NE1/4 of SW1/4 of SW1/4 of NW1/4, Sec. 17, T.153N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of some Labrador tea, leatherleaf, swamp laurel, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 21, 1979.

Layer	Depth (cm)
Hemic	0-230
Sapric	230-235
Fine sand	235+

**Location:** 1560 feet N and 250 feet E of the SW corner of Sec. 18, T.153N., R.29W. (Gov. Lot 3, Sec. 18, T.153N., R.29W.)  
**Vegetation:** Scattered black spruce; understory consists of some grasses, Labrador tea, swamp laurel, bog rosemary, and sedges.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and D. Haverkost on August 21, 1979.

Layer	Depth (cm)
Hemic	0-150
Fine and medium sand	150+

**Location:** 1375 feet N and 590 feet E of the SW corner of Sec. 19, T.153N., R.29W. (Gov. Lot 3, Sec. 19, T.153N., R.29W.)  
**Vegetation:** Lush understory consists mostly of bog birch with bog rosemary and grasses.  
**Microrelief:** Negligible.  
**Depth To Water Table:** 30 cm. above surface.  
**Described By:** D. Mellem and D. Olson on August 3, 1979.

Layer	Depth (cm)
Hemic	0-208
Fine sand	208+



**Location:** 75 feet S and 1605 feet E of the NW corner of Sec. 20, T.153N., R.29W. (NW1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 20, T.153N., R.29W.)  
**Vegetation:** Black spruce crown cover of about 30 percent; understory consists of some black spruce, tamarack, Labrador tea, leatherleaf, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 21, 1979.

Layer	Depth (cm)
Hemic Loam	0-243 243+

**Location:** 2560 feet N and 440 feet E of the SW corner of Sec. 21, T.153N., R.29W. (NE1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 21, T.153N., R.29W.)  
**Vegetation:** Scattered tamarack crown cover; lush understory consists mostly of grasses and bog birch with some speckled alder and willow.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Olson on August 3, 1979.

Layer	Depth (cm)
Sapric Sand	0-61 61+

**Location:** 1555 feet S and 1075 feet E of the NW corner of Sec. 24, T.153N., R.29W. (NE1/4 of NE1/4 of SW1/4 of NW1/4, Sec. 24, T.153N., R.29W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of sedges with some bog birch and Phragmites; ground cover consists of some pitcher plant and aquatic plants.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Olson on August 3, 1979.

Layer	Depth (cm)
Hemic Medium sand	0-244 244+

**Location:** 655 feet S and 590 feet E of the NW corner of Sec. 26, T.153N., R.29W. (NE1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 26, T.153N., R.29W.)  
**Vegetation:** Scattered black spruce crown cover; sparse understory consists of some black spruce, tamarack, northern white cedar, willow, bog birch, Labrador tea, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 30, 1979.

Layer	Depth (cm)
Hemic Sapric Silty clay	0-236 236-244 244+

**Location:** 1750 feet S and 260 feet E of the NW corner of Sec. 26, T.153N., R.29W. (SW1/4 of NW1/4 of SW1/4 of NW1/4, Sec. 26, T.153N., R.29W.)  
**Vegetation:** Scattered tamarack and black spruce crown cover; understory consists of some bog birch, tamarack, black spruce, Labrador tea, bog rosemary, ferns, and horsetail; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and pitcher plant.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 30, 1979.

Layer	Depth (cm)
Hemic Silty clay	0-223 223+

**Location:** 2225 feet N and 80 feet E of the SW corner of Sec. 26, T.153N., R.29W. (SW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 26, T.153N., R.29W.)  
**Vegetation:** Tamarack crown cover of about 40 percent with scattered black spruce; lush understory consists mostly of grasses and speckled alder with some bog birch, Labrador tea, and leatherleaf; ground cover consists of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 30, 1979.

Layer	Depth (cm)
Hemic Silty clay	0-120 120+

**Location:** 1585 feet N and 100 feet E of the SW corner of Sec. 33, T.153N., R.29W. (SW1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 33, T.153N., R.29W.)  
**Vegetation:** Scattered black spruce, tamarack, and northern white cedar; sparse understory consists of some bog birch, dogwood, speckled alder, Labrador tea, and reeds; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 29, 1979.

Layer	Depth (cm)
Hemic Silty clay with mica	0-90 90+

**Location:** 275 feet N and 200 feet E of the SW corner of Sec. 33, T.153N., R.29W. (SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 33, T.153N., R.29W.)  
**Vegetation:** Scattered black spruce, tamarack, and northern white cedar; understory consists mostly of bog birch with some Labrador tea; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 29, 1979.

Layer	Depth (cm)
Hemic Silty clay	0-135 135+

**Location:** 1450 feet S and 10 feet W of the NE corner of Sec. 34, T.153N., R.29W. (NE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 34, T.153N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists of sedges with some bog birch, leatherleaf, Labrador tea, swamp laurel, ferns, and grasses; ground cover consists of some false Solomon's seal and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on August 30, 1979.

Layer	Depth (cm)
Hemic Silty clay	0-150 150+

**Location:** 260 feet N and 1380 feet E of the SW corner of Sec. 35, T.153N., R.29W. (SW1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 35, T.153N., R.29W.)

**Vegetation:** Scattered tamarack and black spruce; sparse understory consists of some bog birch, Labrador tea, bog rosemary, cattail, and horsetail; ground cover consists mostly of Sphagnum mosses with some pitcher plant, cranberry, and false Solomon's seal.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on August 30, 1979.

Layer	Depth (cm)
Fibric	0- 45
Hemic	45-300
Silty clay	300+

**Location:** 1450 feet N and 250 feet W of the SE corner of Sec. 9, T.154N., R.29W. (SE1/4 of SE1/4 of NE1/4 of SE1/4, Sec. 9, T.154N., R.29W.)

**Vegetation:** Tamarack crown cover of about 25 percent; lush understory consists mostly of grasses with some willow.

**Microrelief:** Negligible.

**Depth To Water Table:** Not recorded.

**Described By:** D. Mellem and D. Olson on August 3, 1979.

Layer	Depth (cm)
Hemic	0-213
Sandy loam	213+

**Location:** 2370 feet S and 830 feet E of the NW corner of Sec. 14, T.154N., R.29W. (SW1/4 of SE1/4 of SW1/4 of NW1/4, Sec. 14, T.154N., R.29W.)

**Vegetation:** Lush understory consists mostly of grasses with some tamarack, northern white cedar, bog birch, horsetail, and Phragmites.

**Microrelief:** Negligible.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Olson on August 3, 1979.

Layer	Depth (cm)
Hemic	0-274
Fibric	274-427
Loam	427+

**Location:** 1260 feet N and 1850 feet E of the SW corner of Sec. 14, T.154N., R.29W. (NE1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 14, T.154N., R.29W.)

**Vegetation:** Lush understory consists mostly of grasses with bog birch, Phragmites and some tamarack; ground cover consists of some pitcher plant and aquatic plants.

**Microrelief:** Negligible.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Olson on August 3, 1979.

Layer	Depth (cm)
Hemic	0-488+
Bottom unknown	

**Location:** 2360 feet S and 1055 feet W of the NE corner of Sec. 2, T.155N., R.29W. (SW1/4 of SW1/4 of SE1/4 of NE1/4, Sec. 2, T.155N., R.29W.)

**Vegetation:** Scattered black spruce and tamarack; understory consists of swamp laurel with some leatherleaf and sedges; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.

**Microrelief:** 15 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on September 21, 1979.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-135
Silty clay with calcareous pebbles	135+

**Location:** 1480 feet N and 1780 feet E of the SW corner of Sec. 2, T.155N., R.29W. (SE1/4 of SW1/4 of NE1/4 of SW1/4, Sec. 2, T.155N., R.29W.)

**Vegetation:** Black spruce crown cover of about 50 percent; understory consists of some Labrador tea, leatherleaf, black spruce, and grasses; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 20 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on September 21, 1979.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-135
Silty clay	135+

**Location:** 2550 feet N and 700 feet E of the SW corner of Sec. 2, T.155N., R.29W. (NW1/4 of NE1/4 of NW1/4 of SW1/4, Sec. 2, T.155N., R.29W.)

**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, and grasses; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on September 21, 1979.

Layer	Depth (cm)
Hemic	0-90
Silty clay	90+

**Location:** 355 feet N and 620 feet W of the SE corner of Sec. 2, T.155N., R.29W. (NE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 2, T.155N., R.29W.)

**Vegetation:** Scattered black spruce; understory consists of some Labrador tea, leatherleaf, swamp laurel, and grasses; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on September 21, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-115
Sapric	115-120
Fine and medium sand	120+

**Location:** 1875 feet S and 2375 feet E of the NW corner of Sec. 5, T.155N., R.29W. (SE1/4 of NE1/4 of SE1/4 of NW1/4, Sec. 5, T.155N., R.29W.)

**Vegetation:** Scattered black spruce; understory consists of some Labrador tea, leatherleaf, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem, D. Olson, and D. Haverkost on July 27, 1979.

Layer	Depth (cm)
Fibric	0- 50
Hemic	50-244
Sand	244+

**Location:** 1865 feet N and 535 feet E of the SW corner of Sec. 5, T.155N., R.29W. (NE1/4 of SW1/4 of NW1/4 of SW1/4, Sec. 5, T.155N., R.29W.)  
**Vegetation:** Black spruce crown cover of about 50 percent; understory consists of leatherleaf with some black spruce, Labrador tea, and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** D. Mellem, D. Olson, and D. Haverkost on July 26, 1979.

Layer	Depth (cm)
Fibric	0-122
Hemic	122-238
Sandy loam	238+

**Location:** 1875 feet N and 1650 feet W of the SE corner of Sec. 5, T.155N., R.29W. (NW1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 5, T.155N., R.29W.)  
**Vegetation:** Black spruce crown cover of about 45 percent; understory consists of some black spruce, Labrador tea, swamp laurel, leatherleaf, and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem, D. Olson, and D. Haverkost on July 26, 1979.

Layer	Depth (cm)
Hemic	0-213
Sandy loam	213+

**Location:** 1750 feet S and 2375 feet W of the NE corner of Sec. 6, T.155N., R.29W. (SW1/4 of NW1/4 of SW1/4 of NE1/4, Sec. 6, T.155N., R.29W.)  
**Vegetation:** Scattered black spruce; understory consists of some Labrador tea, leatherleaf, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem, D. Olson, and D. Haverkost on July 27, 1979.

Layer	Depth (cm)
Hemic	0-213
Sand	213+

**Location:** 1800 feet S and 10 feet W of the NE corner of Sec. 6, T.155N., R.29W. (SE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 6, T.155N., R.29W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some sedges, swamp laurel, Labrador tea, leatherleaf, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem, D. Olson, and D. Haverkost on July 27, 1979.

Layer	Depth (cm)
Fibric	0- 75
Hemic	75-250
Sapric	250-270
Coarse sand	270+

**Location:** 1875 feet N and 2050 feet E of the SW corner of Sec. 6, T.155N., R.29W. (NW1/4 of SE1/4 of NE1/4 of SW1/4, Sec. 6, T.155N., R.29W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some cotton grass, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem, D. Olson, and D. Haverkost on July 26, 1979.

Layer	Depth (cm)
Hemic	0-138
Sand	138+

**Location:** 2050 feet N and 25 feet E of the SW corner of Sec. 6, T.155N., R.29W. (Gov. Lot 6, Sec. 6, T.155N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of cotton grass with some sedges, swamp laurel, leatherleaf, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem, D. Olson, and D. Haverkost on July 28, 1979.

Layer	Depth (cm)
Hemic	0-150
Sand with calcareous pebbles	150+

**Location:** 1860 feet N and 1225 feet W of the SE corner of Sec. 6, T.155N., R.29W. (NW1/4 of SW1/4 of NE1/4 of SE1/4, Sec. 6, T.155N., R.29W.)  
**Vegetation:** Black spruce crown cover of about 30 percent; lush understory consists mostly of Labrador tea with some leatherleaf and cotton grass; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and blueberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** D. Mellem, D. Olson, and D. Haverkost on July 26, 1979.

Layer	Depth (cm)
Hemic	0-229
Sandy loam	229+

**Location:** 100 feet S and 150 feet E of the NW corner of Sec. 6, T.155N., R.29W. (Gov. Lot 4, Sec. 6, T.155N., R.29W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some sedges, bog rosemary, swamp laurel, leatherleaf, Labrador tea, and cotton grass; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem, D. Olson, and D. Haverkost on July 26, 1979.

Layer	Depth (cm)
Hemic	0-270
Sandy loam with pebbles	270+

**Location:** 200 feet S and 425 feet E of the NW corner of Sec. 33, T.155N., R.29W. (NE1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 33, T.155N., R.29W.)  
**Vegetation:** Scattered black spruce; understory consists of bog birch, leatherleaf, and cotton grass with some willow; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** T. Malterer, R. Zarth, and M. Domeier on August 3, 1976.

Layer	Depth (cm)
Hemic	0-143
Silt loam with pebbles	143+

**Location:** 850 feet S and 2000 feet E of the NW corner of Sec. 33, T.155N., R.29W. (NW1/4 of SE1/4 of NE1/4 of NW1/4, Sec. 33, T.155N., R.29W.)  
**Vegetation:** Scattered tamarack; understory consists of bog birch, bog rosemary, leatherleaf, and cotton grass with some cattails and willow; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 60 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** T. Malterer, R. Zarth, and M. Domeier on August 3, 1976.

Layer	Depth (cm)
Hemic Clay loam	0-236 236+

**Location:** 2100 feet N and 2425 feet E of the SW corner of Sec. 35, T.155N., R.29W. (SE1/4 of NE1/4 of NE1/4 of SW1/4, Sec. 35, T.155N., R.29W.)  
**Vegetation:** Scattered black spruce, tamarack, and northern white cedar; understory consists of bog birch, cotton grass, and grasses; ground cover consists of some pitcher plant.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer, R. Zarth, and M. Domeier on August 3, 1976.

Layer	Depth (cm)
Hemic Clay	0-259 259+

**Location:** 420 feet S and 990 feet W of the NE corner of Sec. 5, T.156N., R.29W. (SW1/4 of NW1/4 of NE1/4 of NE1/4, Sec. 5, T.156N., R.29W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of cotton grass with some bog birch, leatherleaf, and bog rosemary; ground cover consists of some pitcher plant.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on August 1, 1979.

Layer	Depth (cm)
Hemic Sandy loam	0-254 254+

**Location:** 2100 feet S and 1010 feet W of the NE corner of Sec. 34, T.155N., R.29W. (NE1/4 of SW1/4 of SE1/4 of NE1/4, Sec. 34, T.155N., R.29W.)  
**Vegetation:** Tamarack crown cover of about 40 percent; understory consists of cotton grass with some leatherleaf and bog birch; ground cover consists of some Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer, R. Zarth, and M. Domeier on August 3, 1976.

Layer	Depth (cm)
Fibric Hemic Sand	0- 61 61-305 305+

**Location:** 1875 feet N and 2425 feet E of the SW corner of Sec. 35, T.155N., R.29W. (NE1/4 of SE1/4 of NE1/4 of SW1/4, Sec. 35, T.155N., R.29W.)  
**Vegetation:** Crown cover consists of black spruce and cedar with scattered tamarack; understory consists of Labrador tea; ground cover consists of some cranberry.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** 20 cm.  
**Described By:** T. Malterer, R. Zarth, and M. Domeier on August 3, 1976.

Layer	Depth (cm)
Hemic Clay Sandy loam	0-295 295-315 315+

**Location:** 250 feet S and 250 feet E of the NW corner of Sec. 6, T.156N., R.29W. (NW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 6, T.156N., R.29W.)  
**Vegetation:** Lush understory consists mostly of cotton grass, cattails, and bog birch with some dogwood and leatherleaf; ground cover consists of some Sphagnum mosses and cranberry.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on August 1, 1979.

Layer	Depth (cm)
Hemic Sandy loam	0-211 211+

**Location:** 1050 feet S and 50 feet E of the NW corner of Sec. 34, T.155N., R.29W. (SW1/4 of SW1/4 of NW1/4 of NW1/4, Sec. 34, T.155N., R.29W.)  
**Vegetation:** Consists of tamarack, bog rosemary, leatherleaf, bog birch, and cotton grass; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 15 cm.  
**Described By:** T. Malterer, R. Zarth, and M. Domeier on August 3, 1976.

Layer	Depth (cm)
Hemic Silty clay loam with pebbles	0-228 228+

**Location:** 2425 feet N and 710 feet E of the SW corner of Sec. 35, T.155N., R.29W. (NW1/4 of NE1/4 of NW1/4 of SW1/4, Sec. 35, T.155N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of Labrador tea, bog rosemary, leatherleaf, and bog birch; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** T. Malterer, R. Zarth, and M. Domeier on August 3, 1976.

Layer	Depth (cm)
Hemic Sandy clay loam	0-457 457+

**Location:** 60 feet N and 790 feet W of the SE corner of Sec. 7, T.156N., R.29W. (SE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 7, T.156N., R.29W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of sedges with some leatherleaf, Labrador tea, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and D. Mellem on August 1, 1979.

Layer	Depth (cm)
Fibric Hemic Sapric and medium sand	0- 61 61-432 432-440 440+

**Location:** 20 feet N and 1990 feet E of the SW corner of Sec. 8, T.156N., R.29W.  
(SE1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 8, T.156N., R.29W.)  
**Vegetation:** Lush understory consists mostly of sedges with some black spruce;  
ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and D. Haverkost on August 1, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-396
Sand	396+

**Location:** 75 feet N and 1000 feet W of the SE corner of Sec. 8, T.156N., R.29W.  
(SW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 8, T.156N., R.29W.)  
**Vegetation:** Sparse understory consists of some sedges, leatherleaf, black spruce,  
and tamarack; ground cover consists mostly of Sphagnum mosses with some  
other mosses, cranberry, and pitcher plant.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and D. Mellem on August 1, 1979.

Layer	Depth (cm)
Fibric	0- 15
Hemic	15-302
Sapric	302-325
Silty clay loam	325+

**Location:** 50 feet N and 2350 feet W of the SE corner of Sec. 9, T.156N., R.29W.  
(SW1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 9, T.156N., R.29W.)  
**Vegetation:** Sparse understory consists of some bog rosemary; ground cover con-  
sists mostly of Sphagnum mosses with some pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on August 1, 1979.

Layer	Depth (cm)
Fibric	0- 38
Hemic	38-330
Sandy loam	330+

**Location:** 75 feet N and 1910 feet E of the SW corner of Sec. 10, T.156N., R.29W.  
(SE1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 10, T.156N., R.29W.)  
**Vegetation:** Lush understory consists mostly of sedges with some black spruce,  
leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of  
Sphagnum mosses with some cranberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and D. Mellem on August 1, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-389
Sapric	389-414
Sandy loam	414+

**Location:** 100 feet N and 1975 feet W of the SE corner of Sec. 10, T.156N., R.29W.  
(SE1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 10, T.156N., R.29W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and D. Haverkost on August 1, 1979.

Layer	Depth (cm)
Fibric	0- 91
Hemic	91-335
Sandy loam	335+

**Location:** 110 feet N and 50 feet W of the SE corner of Sec. 10, T.156N., R.29W.  
(SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 10, T.156N., R.29W.)  
**Vegetation:** Understory consists of sedges with some black spruce, tamarack, bog  
birch, and bog rosemary; ground cover consists mostly of Sphagnum mosses  
with some other mosses, cranberry, and pitcher plant.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and D. Mellem on August 1, 1979.

Layer	Depth (cm)
Hemic	0-246
Fine medium and coarse sand	246+

**Location:** 90 feet N and 110 feet W of the SE corner of Sec. 11, T.156N., R.29W.  
(SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 11, T.156N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of some  
sedges, bog birch, leatherleaf, bog rosemary, and cotton grass; ground cover  
consists mostly of Sphagnum mosses with some other mosses, cranberry, and  
pitcher plant.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** T. Malterer and D. Mellem on August 1, 1979.

Layer	Depth (cm)
Hemic	0-244
Sapric	244-272
Loamy sand	272+

**Location:** 400 feet N and 710 feet W of the SE corner of Sec. 12, T.156N., R.29W.  
(NE1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 12, T.156N., R.29W.)  
**Vegetation:** Lush understory consists mostly of sedges with wild rice, cattails, bog  
birch, and some tamarack, leatherleaf, bog rosemary, horsetail, fern, and  
pitcher plant.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on August 1, 1979.

Layer	Depth (cm)
Hemic	0-264
Sand	264+

**Location:** 610 feet S and 2560 feet W of the NE corner of Sec. 14, T.156N., R.29W.  
(SW1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 14, T.156N., R.29W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and D. Haverkost on August 1, 1979.

Layer	Depth (cm)
Sapric	0- 91
Hemic	91-323
Sand	323+

**Location:** 1325 feet N and 330 feet E of the SW corner of Sec. 23, T.156N., R.29W. (NW1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 23, T.156N., R.29W.)  
**Vegetation:** Understory consists mostly of grasses and cattails with some bog birch, tamarack, willow, and bog rosemary; ground cover consists of some mosses.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** T. Malterer and D. Mellem on August 2, 1979.

Layer	Depth (cm)
Hemic	0-300
Sandy loam	300+

**Location:** 750 feet N and 1325 feet W of the SE corner of Sec. 32, T.156N., R.29W. (SE1/4 of NE1/4 of SW1/4 of SE1/4, Sec. 32, T.156N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some sedges, Labrador tea, leatherleaf, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson, D. Mellem, and D. Haverkost on July 27, 1979.

Layer	Depth (cm)
Hemic	0-165
Sandy loam	165+

**Location:** 205 feet N and 225 feet E of the SW corner of Sec. 12, T.157N., R.29W. (SW1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 12, T.157N., R.29W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and D. Mellem on August 2, 1979.

Layer	Depth (cm)
Sapric	0-20
Loamy sand	20+

**Location:** 425 feet S and 90 feet E of the NW corner of Sec. 25, T.156N., R.29W. (SW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 25, T.156N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack crown cover; understory consists mostly of black spruce, tamarack, and grasses with some willow and dogwood; ground cover consists mostly of Sphagnum and other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on September 21, 1979.

Layer	Depth (cm)
Hemic	0-70
Sapric	70-75
Fine sand	75+

**Location:** 525 feet N and 125 feet E of the SW corner of Sec. 7, T.157N., R.29W. (Gov. Lot 4, Sec. 7, T.157N., R.29W.)  
**Vegetation:** Lush understory consists mostly of grasses and cattails; ground cover consists of some lily pads.  
**Microrelief:** Negligible.  
**Depth To Water Table:** 30 cm. above surface.  
**Described By:** T. Malterer and D. Mellem on August 2, 1979.

Layer	Depth (cm)
Hemic	0-15
Medium and fine sand	15+

**Location:** 220 feet S and 625 feet W of the NE corner of Sec. 16, T.157N., R.29W. (NW1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 16, T.157N., R.29W.)  
**Vegetation:** Lush understory consists mostly of grasses with speckled alder and some bog birch, gooseberry, and raspberry.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and D. Mellem on August 2, 1979.

Layer	Depth (cm)
Hemic	0-46
Fine and medium sand	46+

**Location:** 930 feet S and 375 feet W of the NE corner of Sec. 27, T.156N., R.29W. (NW1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 27, T.156N., R.29W.)  
**Vegetation:** Scattered tamarack; understory consists mostly of cattails with cotton grass and some bog birch and bog rosemary.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on August 2, 1979.

Layer	Depth (cm)
Hemic	0-254
Fine sand	254+

**Location:** 300 feet N and 260 feet W of the SE corner of Sec. 10, T.157N., R.29W. (SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 10, T.157N., R.29W.)  
**Vegetation:** Lush understory consists mostly of sedges with some grasses, speckled alder, willow, dogwood, cattail, and raspberry.  
**Microrelief:** Negligible.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Olson and D. Haverkost on August 2, 1979.

Layer	Depth (cm)
Hemic	0-61
Sand	61+

**Location:** 475 feet S and 330 feet E of the NW corner of Sec. 17, T.157N., R.29W. (SW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 17, T.157N., R.29W.)  
**Vegetation:** Scattered tamarack; lush understory consists mostly of sedges with some speckled alder, bog birch, and willow.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on August 2, 1979.

Layer	Depth (cm)
Hemic	0-86
Sandy clay	86+

**Location:** 125 feet N and 1425 feet W of the SE corner of Sec. 23, T.157N., R.29W. (SE1/4 of SE1/4 of SW1/4 of SE1/4, Sec. 23, T.157N., R.29W.)  
**Vegetation:** Lush understory consists mostly of speckled alder, dogwood, and grasses with some leatherleaf.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on November 13, 1979.

Layer	Depth (cm)
Hemic Sand	0-91 91+

**Location:** 1800 feet S and 200 feet W of the NE corner of Sec. 24, T.157N., R.29W. (SE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 24, T.157N., R.29W.)  
**Vegetation:** Lush understory consists mostly of grasses with speckled alder and some willow and goldenrod.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and D. Mellem on August 2, 1979.

Layer	Depth (cm)
Hemic Loamy sand	0-107 107+

**Location:** 2500 feet S and 825 feet W of the NE corner of Sec. 28, T.157N., R.29W. (SE1/4 of SW1/4 of SE1/4 of NE1/4, Sec. 28, T.157N., R.29W.)  
**Vegetation:** Scattered tamarack and black spruce; understory consists of some grasses, sedges, Labrador tea, and bog birch; ground cover consists mostly of Sphagnum mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on November 13, 1979.

Layer	Depth (cm)
Hemic Sand	0-117 117+

**Location:** 150 feet N and 500 feet W of the SE corner of Sec. 33, T.157N., R.29W. (SW1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 33, T.157N., R.29W.)  
**Vegetation:** Understory consists of bog birch with some black spruce, leatherleaf, Labrador tea, swamp laurel, cotton grass, and grasses; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** T. Malterer and D. Mellem on August 1, 1979.

Layer	Depth (cm)
Hemic Sapric Loamy sand	0-130 130-143 143+

**Location:** 1240 feet S and 210 feet W of the NE corner of Sec. 34, T.157N., R.29W. (SE1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 34, T.157N., R.29W.)  
**Vegetation:** Lush understory consists of bog birch, sedges, and leatherleaf.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and R. Graber on November 13, 1979.

Layer	Depth (cm)
Hemic Loam	0-122 122+

**Location:** 160 feet N and 350 feet E of the SW corner of Sec. 35, T.157N., R.29W. (SE1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 35, T.157N., R.29W.)  
**Vegetation:** Lush understory consists mostly of sedges with leatherleaf and some bog birch, speckled alder, willow, and tamarack; ground cover consists mostly of Sphagnum mosses with some false Solomon's seal.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem on August 1, 1979.

Layer	Depth (cm)
Hemic Sapric Sandy clay loam	0-152 152-168 168+

**Location:** 625 feet S and 225 feet W of the NE corner of Sec. 36, T.157N., R.29W. (SE1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 36, T.157N., R.29W.)  
**Vegetation:** Lush understory consists mostly of grasses with bog birch, leatherleaf, and some bog rosemary; ground cover consists of some mosses.  
**Microrelief:** 38 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and D. Mellem on August 2, 1979.

Layer	Depth (cm)
Hemic Loamy sand	0-130 130+

**Location:** 1725 feet N and 1450 feet E of the SW corner of Sec. 1, T.158N., R.29W. (NW1/4 of SW1/4 of NE1/4 of SW1/4, Sec. 1, T.158N., R.29W.)  
**Vegetation:** Understory consists of leatherleaf with some black spruce, bog rosemary, Labrador tea, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses, false Solomon's seal, pitcher plant, and lichens.  
**Microrelief:** 50 cm.  
**Depth To Water Table:** 20 cm.  
**Described By:** N. Aaseng and D. Olson on October 29, 1979.

Layer	Depth (cm)
Hemic Silty clay	0-198 198+

**Location:** 450 feet N and 1745 feet E of the SW corner of Sec. 2, T.158N., R.29W. (NE1/4 of SW1/4 of SE1/4 of SW1/4, Sec. 2, T.158N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of leatherleaf with some Labrador tea, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and lichens.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** N. Aaseng and D. Olson on October 30, 1979.

Layer	Depth (cm)
Hemic Clay	0-198 198+

**Location:** 1085 feet S and 2010 feet W of the NE corner of Sec. 5, T.158N., R.29W.  
(SE1/4 of SW1/4 of NW1/4 of NE1/4, Sec. 5, T.158N., R.29W.)

**Vegetation:** Scattered black spruce and tamarack; understory consists of some leatherleaf, swamp laurel, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.

**Microrelief:** 25 cm.

**Depth To Water Table:** Not recorded.

**Described By:** N. Aaseng and D. Olson on October 29, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-170
Clay	170+

**Location:** 125 feet S and 2040 feet W of the NE corner of Sec. 6, T.158N., R.29W.  
(Gov. Lot 2, Sec. 6, T.158N., R.29W.)

**Vegetation:** Understory consists of willow with some bog birch, aspen, and cattail.

**Microrelief:** Not recorded.

**Depth To Water Table:** Not recorded.

**Described By:** D. Olson and D. Haverkost on September 19, 1979.

Layer	Depth (cm)
Sapric	0-84
Clay	84+

**Location:** 2410 feet S and 1330 feet W of the NE corner of Sec. 6, T.158N., R.29W.  
(SE1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 6, T.158N., R.29W.)

**Vegetation:** Tamarack crown cover of about 30 percent with scattered aspen; lush understory consists mostly of bog birch and bog rosemary with some willow, Labrador tea, leatherleaf, grasses, and Phragmites; ground cover consists mostly of Sphagnum mosses.

**Microrelief:** 15 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Olson and D. Haverkost on September 19, 1979.

Layer	Depth (cm)
Hemic	0-198
Sapric	198-199
Silty clay	199+

**Location:** 720 feet S and 2075 feet W of the NE corner of Sec. 7, T.158N., R.29W.  
(NE1/4 of SW1/4 of NW1/4 of NE1/4, Sec. 7, T.158N., R.29W.)

**Vegetation:** Lush understory consists mostly of bog birch and leatherleaf with some poplar, alder, Labrador tea, and grasses.

**Microrelief:** 15 cm.

**Depth To Water Table:** 15 cm.

**Described By:** D. Mellem and D. Haverkost on September 18, 1979.

Layer	Depth (cm)
Hemic	0-166
Sapric	166-170
Silty clay	170+

**Location:** 750 feet S and 1400 feet W of the NE corner of Sec. 7, T.158N., R.29W.  
(NE1/4 of SE1/4 of NW1/4 of NE1/4, Sec. 7, T.158N., R.29W.)

**Vegetation:** Scattered black spruce and tamarack; lush understory consists of bog birch and bog rosemary with some leatherleaf, grasses, and Labrador tea; ground cover consists of Sphagnum and other mosses.

**Microrelief:** 15 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on September 18, 1979.

Layer	Depth (cm)
Hemic	0-165
Sapric	165-173
Silty clay	173+

**Location:** 190 feet N and 10 feet W of the SE corner of Sec. 7, T.158N., R.29W.  
(SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 7, T.158N., R.29W.)

**Vegetation:** Scattered tamarack and black spruce; lush understory consists mostly of sedges with some grasses, willow, leatherleaf, and ferns; ground cover consists of mosses with some false Solomon's seal.

**Microrelief:** 15 cm.

**Depth To Water Table:** Not visible.

**Described By:** D. Mellem and D. Haverkost on October 29, 1979.

Layer	Depth (cm)
Fibric	0-151
Silty clay with pebbles	151+

**Location:** 125 feet S and 70 feet W of the NE corner of Sec. 8, T.158N., R.29W.  
(NE1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 8, T.158N., R.29W.)

**Vegetation:** Lush understory consists mostly of grasses with some bog birch, alder, willow, sedges, leatherleaf, ferns, and aster; ground cover consists of some mosses.

**Microrelief:** 10 cm.

**Depth To Water Table:** 35 cm.

**Described By:** N. Aaseng and D. Olson on October 29, 1979.

Layer	Depth (cm)
Hemic Sand	0-244
	244+

**Location:** 495 feet N and 550 feet W of the SE corner of Sec. 8, T.158N., R.29W.  
(NW1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 8, T.158N., R.29W.)

**Vegetation:** Lush understory consists mostly of grasses with willow and some cat-tails.

**Microrelief:** 15 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on October 29, 1979.

Layer	Depth (cm)
Hemic	0-151
Sapric	151-166
Loam	166+

**Location:** 45 feet N and 1300 feet W of the SE corner of Sec. 9, T.158N., R.29W.  
(SW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 9, T.158N., R.29W.)

**Vegetation:** Lush understory consists mostly of grasses with some sedges and willow; ground cover consists of some mosses.

**Microrelief:** 5 cm.

**Depth To Water Table:** Not recorded.

**Described By:** N. Aaseng and D. Olson on October 29, 1979.

Layer	Depth (cm)
Hemic	0-152
Silty clay loam	152+



**Location:** 75 feet N and 1000 feet W of the SE corner of Sec. 11, T.158N., R.29W.  
(SW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 11, T.158N., R.29W.)  
**Vegetation:** Lush understory consists mostly of bog birch, grasses, and leatherleaf.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 29, 1979.

Layer	Depth (cm)
Sapric	0- 30
Hemic	30-151
Silty clay	151+

**Location:** 135 feet N and 190 feet W of the SE corner of Sec. 12, T.158N., R.29W.  
(SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 12, T.158N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of grasses with leatherleaf and some willow and cattail.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 29, 1979.

Layer	Depth (cm)
Hemic Loam	0-210 210+

**Location:** 1900 feet S and 140 feet W of the NE corner of Sec. 13, T.158N., R.29W.  
(SE1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 13, T.158N., R.29W.)  
**Vegetation:** Lush understory consists mostly of sedges and grasses with some willow and aster; ground cover consists of some mosses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** N. Aaseng and D. Olson on October 29, 1979.

Layer	Depth (cm)
Hemic Sandy loam	0-183 183+

**Location:** 175 feet N and 700 feet E of the SW corner of Sec. 20, T.158N., R.29W.  
(SE1/4 of SW1/4 of SW1/4 of SW1/4, Sec. 20, T.158N., R.29W.)  
**Vegetation:** Not recorded.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and D. Haverkost on September 19, 1979.

Layer	Depth (cm)
Hemic Silty clay	0-20 20+

**Location:** 900 feet N and 575 feet E of the SW corner of Sec. 21, T.158N., R.29W.  
(SE1/4 of NW1/4 of SW1/4 of SW1/4, Sec. 21, T.158N., R.29W.)  
**Vegetation:** Lush understory consists mostly of grasses.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** N. Aaseng and D. Olson on October 29, 1979.

Layer	Depth (cm)
Hemic Loam	0-5 5+

**Location:** 1850 feet S and 2340 feet W of the NE corner of Sec. 31, T.158N., R.29W.  
(SE1/4 of NW1/4 of SW1/4 of NE1/4, Sec. 31, T.158N., R.29W.)  
**Vegetation:** Lush understory consists mostly of grasses with some willow, horsetail, cattail, and cotton grass; ground cover consists of some Sphagnum mosses and other mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** T. Malterer and D. Mellem on August 2, 1979.

Layer	Depth (cm)
Sapric Fine and medium sand	0-8 8+

**Location:** 20 feet N and 280 feet E of the SW corner of Sec. 31, T.158N., R.29W.  
(Gov. Lot 4, Sec. 31, T.158N., R.29W.)  
**Vegetation:** Lush understory consists mostly of sedges with some willow, speckled alder, and cattails.  
**Microrelief:** Negligible.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and D. Haverkost on August 2, 1979.

Layer	Depth (cm)
Sapric Sand	0-122 122+

**Location:** 500 feet S and 150 feet W of the NE corner of Sec. 1, T.159N., R.29W.  
(Gov. Lot 1, Sec. 1, T.159N., R.29W.)  
**Vegetation:** Lush understory consists mostly of grasses with some alder, dogwood, poplar, ferns, and aster.  
**Microrelief:** 5 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** N. Aaseng and D. Mellem on November 1, 1979.

Layer	Depth (cm)
Hemic Medium sand with pebbles	0-15 15+

**Location:** 2000 feet N and 360 feet E of the SW corner of Sec. 1, T.159N., R.29W.  
(SE1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 1, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of cotton grass with some leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some cranberry, pitcher plant, and false Solomon's seal.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** N. Aaseng and D. Olson on October 30, 1979.

Layer	Depth (cm)
Fibric Hemic Clay loam	0- 61 61-335 335+

**Location:** 375 feet S and 210 feet W of the NE corner of Sec. 2, T.159N., R.29W.  
(Gov. Lot 1, Sec. 2, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists mostly of sedges with some leatherleaf and bog rosemary; ground cover consists mostly of Sphagnum mosses with some pitcher plant.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Hemic	0- 60
Fibric	60-180
Hemic	180-318
Silt	318+

**Location:** 60 feet N and 50 feet W of the SE corner of Sec. 5, T.159N., R.29W.  
(SE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 5, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some swamp laurel, sedges, grasses, leatherleaf, and Labrador tea; ground cover consists mostly of mosses with some Sphagnum mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and D. Haverkost on October 29, 1979.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-151
Silty	151+
clay	

**Location:** 1190 feet S and 1690 feet W of the NE corner of Sec. 7, T.159N., R.29W.  
(SW1/4 of SE1/4 of NW1/4 of NE1/4, Sec. 7, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, bog rosemary, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 29, 1979.

Layer	Depth (cm)
Fibric	0-135
Hemic	135-196
Loam	196+

**Location:** 100 feet S and 90 feet E of the NW corner of Sec. 8, T.159N., R.29W.  
(NW1/4 of NW1/4 of NW1/4 of NW1/4, Sec. 8, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of cotton grass with some leatherleaf, Labrador tea, and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and pitcher plant.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** 35 cm.  
**Described By:** N. Aaseng and D. Olson on October 29, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-229
Very fine sand	229+

**Location:** 235 feet N and 810 feet E of the SW corner of Sec. 8, T.159N., R.29W.  
(SW1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 8, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce; understory consists mostly of leatherleaf with some swamp laurel, cotton grass, and sedges; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and pitcher plant.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** 40 cm.  
**Described By:** N. Aaseng and D. Olson on October 29, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-259
Clay loam	259+

**Location:** 1225 feet S and 130 feet W of the NE corner of Sec. 10, T.159N., R.29W.  
(SE1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 10, T.159N., R.29W.)  
**Vegetation:** Black spruce crown cover of about 60 percent with scattered tamarack; lush understory consists mostly of grasses with some willow.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Hemic	0-181
Silty clay	181+

**Location:** 1115 feet N and 710 feet W of the SE corner of Sec. 10, T.159N., R.29W.  
(NE1/4 of NW1/4 of SE1/4 of SE1/4, Sec. 10, T.159N., R.29W.)  
**Vegetation:** Consists mostly of grasses.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Hemic	0-60
Silt	60+

**Location:** 75 feet N and 2525 feet E of the SW corner of Sec. 11, T.159N., R.29W.  
(SE1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 11, T.159N., R.29W.)  
**Vegetation:** Scattered tamarack; lush understory consists mostly of sedges with some bog birch, speckled alder, swamp laurel, leatherleaf, ferns, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** D. Olson and N. Aaseng on October 30, 1979.

Layer	Depth (cm)
Hemic	0-172
Very fine sand and silt	172+

**Location:** 650 feet S and 2100 feet W of the NE corner of Sec. 12, T.159N., R.29W.  
(SE1/4 of NW1/4 of NW1/4 of NE1/4, Sec. 12, T.159N., R.29W.)  
**Vegetation:** Black spruce crown cover of about 45 percent; sparse understory consists of some black spruce and grasses; ground cover consists of some Sphagnum and other mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Hemic	0-120
Silty clay	120+

**Location:** 875 feet N and 2050 feet E of the SW corner of Sec. 12, T.159N., R.29W. (SE1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 12, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of grasses with some bog birch, bog rosemary, and cotton grass; ground cover consists of some mosses.  
**Microrelief:** 15 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Hemic	0-240
Silty clay	240+

**Location:** 810 feet N and 145 feet W of the SE corner of Sec. 15, T.159N., R.29W. (SE1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 15, T.159N. R.29W.)  
**Vegetation:** Scattered black spruce; understory consists of sedges with some leatherleaf, speckled alder, grasses, and cattail; ground cover consists mostly of Sphagnum mosses with some other mosses and false Solomon's seal.  
**Microrelief:** 10 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** D. Olson and N. Aaseng on October 30, 1979.

Layer	Depth (cm)
Hemic	0-61
Sapric	61-91
Sandy clay loam	91+

**Location:** 1375 feet S and 225 feet W of the NE corner of Sec. 18, T.159N., R.29W. (NW1/4 of NE1/4 of SE1/4 of NE1/4, Sec. 18, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** Not recorded.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Mellem and D. Haverkost on October 29, 1979.

Layer	Depth (cm)
Fibric	0- 90
Hemic	90-302
Sandy clay	302+

**Location:** 750 feet N and 1230 feet E of the SW corner of Sec. 20, T.159N., R.29W. (SE1/4 of NE1/4 of SW1/4 of SW1/4, Sec. 20, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce; lush understory consists of leatherleaf and cotton grass with some Labrador tea and swamp laurel; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** Below 162 cm.  
**Described By:** D. Olson and N. Aaseng on October 29, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-162
Clay loam	162+

**Location:** 140 feet N and 640 feet W of the SE corner of Sec. 22, T.159N., R.29W. (SW1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 22, T.159N., R.29W.)  
**Vegetation:** Scattered tamarack; lush understory consists mostly of leatherleaf with some Labrador tea and black spruce; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Hemic	0-90
Clay	90+

**Location:** 1690 feet N and 1640 feet W of the SE corner of Sec. 23, T.159N., R.29W. (NW1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 23, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce; sparse understory consists of some leatherleaf, Labrador tea, swamp laurel, bog rosemary, sedges, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Hemic	0-181
Silty clay	181+

**Location:** 1830 feet S and 90 feet W of the NE corner of Sec. 24, T.159N., R.29W. (Gov. Lot 2, Sec. 24, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of Labrador tea with some bog birch, willow, leatherleaf, swamp laurel, bog rosemary, and sedges; ground cover consists mostly of Sphagnum mosses with some other mosses, and lichens.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and N. Aaseng on October 30, 1979.

Layer	Depth (cm)
Hemic	0-122
Sandy clay loam	122+

**Location:** 850 feet N and 1380 feet E of the SW corner of Sec. 24, T.159N., R.29W. (NE1/4 of SE1/4 of NW1/4 of SW1/4, Sec. 24, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of leatherleaf with some cotton grass and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and N. Aaseng on October 30, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-183
Clay	183+

**Location:** 80 feet S and 1090 feet E of the NW corner of Sec. 25, T.159N., R.29W. (NE1/4 of NE1/4 of NW1/4 of NW1/4, Sec. 25, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of leatherleaf with some Labrador tea, bog rosemary, cotton grass, and sedges; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and lichens.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and N. Aaseng on October 30, 1979.

Layer	Depth (cm)
Hemic	0-183
Silty clay	183+

**Location:** 2240 feet S and 1440 feet W of the NE corner of Sec. 32, T.159N., R.29W. (NE1/4 of SE1/4 of SW1/4 of NE1/4, Sec. 32, T.159N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; sparse understory consists of some Labrador tea, leatherleaf, swamp laurel, sedges, and grasses; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and D. Haverkost on October 29, 1979.

Layer	Depth (cm)
Fibric	0- 75
Hemic	75-175
Silty clay	175+

**Location:** 700 feet N and 360 feet W of the SE corner of Sec. 34, T.159N., R.29W. (SE1/4 of NE1/4 of SE1/4 of SE1/4, Sec. 34, T.159N., R.29W.)  
**Vegetation:** Black spruce crown cover of about 80 percent with scattered tamarack and poplar; lush understory consists mostly of leatherleaf with Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** Below 151 cm.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Hemic	0-151
Silty clay	151+

**Location:** 360 feet N and 1035 feet W of the SE corner of Sec. 9, T.160N., R.29W. (NW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 9, T.160N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of some Labrador tea, leatherleaf, bog rosemary, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and lichens.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** 30 cm.  
**Described By:** D. Olson and N. Aaseng on October 30, 1979.

Layer	Depth (cm)
Hemic	0-101
Clay	101+

**Location:** 460 feet N and 2575 feet E of the SW corner of Sec. 13, T.160N., R.29W. (NE1/4 of SE1/4 of SE1/4 of SW1/4, Sec. 13, T.160N., R.29W.)  
**Vegetation:** Black spruce crown cover of about 70 percent; understory consists of Labrador tea; ground cover consists mostly of Sphagnum mosses with some cranberry and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Hemic	0-165
Sandy clay	165+

**Location:** 1275 feet N and 2030 feet W of the SE corner of Sec. 14, T.160N., R.29W. (NE1/4 of NW1/4 of SW1/4 of SE1/4, Sec. 14, T.160N., R.29W.)  
**Vegetation:** Understory consists mostly of sedges with some black spruce, tamarack, leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses, false Solomon's seal, and cranberry.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Fibric	0-120
Hemic	120-195
Sandy clay	195+

**Location:** 1825 feet N and 1975 feet W of the SE corner of Sec. 15, T.160N., R.29W. (NW1/4 of SE1/4 of NW1/4 of SE1/4, Sec. 15, T.160N., R.29W.)  
**Vegetation:** Scattered tamarack and black spruce; lush understory consists mostly of sedges with some swamp laurel; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 40 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Fibric	0- 90
Hemic	90-180
Sapric	180-195
Silty clay	195+

**Location:** 2000 feet N and 850 feet W of the SE corner of Sec. 16, T.160N., R.29W. (SE1/4 of NW1/4 of NE1/4 of SE1/4, Sec. 16, T.160N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges with some bog rosemary, swamp laurel, and leatherleaf; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and pitcher plant.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on October 30, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-244
Clay	244+

**Location:** 120 feet N and 1060 feet W of the SE corner of Sec. 21, T.160N., R.29W. (SW1/4 of SW1/4 of SE1/4 of SE1/4, Sec. 21, T.160N., R.29W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of sedges with some bog rosemary, swamp laurel, and leatherleaf; ground cover consists mostly of Sphagnum mosses with some cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on October 30, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-106
Silty clay	106+

**Location:** 350 feet N and 1065 feet E of the SW corner of Sec. 22, T.160N., R.29W. (NE1/4 of SE1/4 of SW1/4 of SW1/4, Sec. 22, T.160N., R.29W.)  
**Vegetation:** Scattered black spruce; understory consists of leatherleaf with some Labrador tea, swamp laurel, and sedges; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Fibric	0- 30
Hemic	30-151
Silt loam	151+

**Location:** 560 feet N and 510 feet W of the SE corner of Sec. 22, T.160N., R.29W. (NE1/4 of SE1/4 of SE1/4 of SE1/4, Sec. 22, T.160N., R.29W.)  
**Vegetation:** Scattered black spruce; understory consists of leatherleaf with some Labrador tea, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses and lichens.  
**Microrelief:** 25 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on October 30, 1979.

Layer	Depth (cm)
Hemic	0-315
Clay	315+

**Location:** 760 feet S and 365 feet W of the NE corner of Sec. 26, T.160N., R.29W. (NW1/4 of SE1/4 of NE1/4 of NE1/4, Sec. 26, T.160N., R.29W.)  
**Vegetation:** Scattered tamarack and black spruce; understory consists of sedges with some leatherleaf, grasses, swamp laurel, bog rosemary, and Labrador tea; ground cover consists mostly of Sphagnum mosses with some other mosses and pitcher plant.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-270
Silty clay	270+

**Location:** 50 feet S and 1975 feet E of the NW corner of Sec. 32, T.160N., R.29W. (NW1/4 of NW1/4 of NE1/4 of NW1/4, Sec. 32, T.160N., R.29W.)  
**Vegetation:** Scattered black spruce, tamarack, jack pine, and poplar; sparse understory consists of some sedges, Labrador tea, leatherleaf, swamp laurel, and cotton grass; ground cover consists mostly of Sphagnum mosses are cranberry with some other mosses.  
**Microrelief:** 45 cm.  
**Depth To Water Table:** Not visible.  
**Described By:** D. Mellem and D. Haverkost on October 29, 1979.

Layer	Depth (cm)
Fibric	0- 60
Hemic	60-135
Silty clay	135+

**Location:** 1625 feet S and 2115 feet W of the NE corner of Sec. 23, T.160N., R.29W. (NE1/4 of NW1/4 of SW1/4 of NE1/4, Sec. 23, T.160N., R.29W.)  
**Vegetation:** Scattered tamarack and black spruce; lush understory consists mostly of sedges with some leatherleaf and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses, cranberry, and false Solomon's seal.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Olson and N. Aaseng on October 30, 1979.

Layer	Depth (cm)
Hemic	0-183
Clay loam	183+

**Location:** 2550 feet N and 245 feet E of the SW corner of Sec. 26, T.160N., R.29W. (NW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 26, T.160N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; understory consists of leatherleaf with some Labrador tea, sedges, and cotton grass; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 30 cm.  
**Depth To Water Table:** At surface.  
**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Hemic	0-200
Sapric	200-240
Loam	240+

**Location:** 490 feet N and 2510 feet W of the SE corner of Sec. 32, T.160N., R.29W. (SW1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 32, T.160N., R.29W.)  
**Vegetation:** Scattered black spruce; lush understory consists mostly of cotton grass with some leatherleaf, swamp laurel, Labrador tea, and sedges; ground cover consists mostly of Sphagnum mosses with some other mosses.  
**Microrelief:** 18 cm.  
**Depth To Water Table:** 10 cm.  
**Described By:** N. Aaseng and D. Olson on October 29, 1979.

Layer	Depth (cm)
Fibric	0- 61
Hemic	61-152
Sapric	152-168
Very fine sandy loam	168+

**Location:** 110 feet S and 660 feet W of the NE corner of Sec. 25, T.160N., R.29W. (NW1/4 of NE1/4 of NE1/4 of NE1/4, Sec. 25, T.160N., R.29W.)  
**Vegetation:** Scattered black spruce, aspen, and tamarack; lush understory consists of bog birch and leatherleaf with some sedges, bog rosemary, Labrador tea, and grasses; ground cover consists of mosses.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** D. Olson and N. Aaseng on October 30, 1979.

Layer	Depth (cm)
Hemic	0-167
Silty clay	167+

**Location:** 1225 feet N and 1320 feet E of the SW corner of Sec. 27, T.160N., R.29W. (NW1/4 of NW1/4 of SE1/4 of SW1/4, Sec. 27, T.160N., R.29W.)  
**Vegetation:** Lush understory consists mostly of sedges with some leatherleaf, bog rosemary, swamp laurel, and scattered black spruce; ground cover consists mostly of Sphagnum mosses with some other mosses, false Solomon's seal, and cranberry.  
**Microrelief:** 35 cm.  
**Depth To Water Table:** 5 cm.  
**Described By:** N. Aaseng and D. Olson on October 30, 1979.

Layer	Depth (cm)
Hemic	0-122
Loam	122+

**Location:** 125 feet N and 2350 feet W of the SE corner of Sec. 34, T.160N., R.29W. (SE1/4 of SW1/4 of SW1/4 of SE1/4, Sec. 34, T.160N., R.29W.)  
**Vegetation:** Scattered black spruce and tamarack; lush understory consists of Labrador tea and leatherleaf with some swamp laurel, bog rosemary, cotton grass, and sedges; ground cover consists mostly of Sphagnum mosses with some other mosses and cranberry.  
**Microrelief:** 20 cm.  
**Depth To Water Table:** Not recorded.  
**Described By:** N. Aaseng and D. Olson on October 30, 1979.

Layer	Depth (cm)
Hemic	0-213
Silty clay	213+

**Location:** 2250 feet N and 250 feet E of the SW corner of Sec. 35, T.160N., R.29W.  
(SW1/4 of NW1/4 of NW1/4 of SW1/4, Sec. 35, T.160N., R.29W.)

**Vegetation:** Scattered black spruce and tamarack; lush understory consists mostly of sedges with some bog birch, willow, leatherleaf, swamp laurel, and bog rosemary; ground cover consists mostly of Sphagnum mosses with some other mosses.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** N. Aaseng and D. Olson on October 30, 1979.

Layer	Depth (cm)
Hemic	0-244
Silty clay	244+

**Location:** 2425 feet N and 490 feet W of the SE corner of Sec. 35, T.160N., R.29W.  
(NW1/4 of NE1/4 of NE1/4 of SE1/4, Sec. 35, T.160N., R.29W.)

**Vegetation:** Lush understory consists mostly of sedges with some leatherleaf, bog rosemary, and scattered black spruce; ground cover consists mostly of Sphagnum mosses with some other mosses, false Solomon's seal, cranberry, and pitcher plant.

**Microrelief:** 30 cm.

**Depth To Water Table:** At surface.

**Described By:** D. Mellem and D. Haverkost on October 30, 1979.

Layer	Depth (cm)
Fibric	0-241
Hemic	241-271
Silty clay	271+

**Location:** 770 feet S and 1450 feet E of the NW corner of Sec. 36, T.160N., R.29W.  
(NW1/4 of SW1/4 of NE1/4 of NW1/4, Sec. 36, T.160N., R.29W.)

**Vegetation:** Understory consists of sedges with some bog rosemary, leatherleaf, cotton grass, bog birch, and scattered black spruce; ground cover consists mostly of Sphagnum mosses with some other mosses and pitcher plant.

**Microrelief:** 50 cm.

**Depth To Water Table:** At surface.

**Described By:** N. Aaseng and D. Olson on October 30, 1979.

Layer	Depth (cm)
Hemic	0-290
Silty clay	290+

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