124

FOREST SOILS INTERPRETATION FOR TREE PRODUCTION IN THE FUNDY MODEL FOREST

Sherif H. Fahmy
Agriculture and Agri-Food Canada
Research Branch
Potato Research Centre
Fredericton, NB

Mark C. Colpitts
New Brunswick Department of
Natural Resources and Energy
Forest Management Branch

PRC Contribution No. 97-01
Cat. No-A42-73/1-1997E
ISBN 0-662-25622-0

This project was funded by the Model Forest Program
Canada's Green Plan

1997

Fundy Model Forest

Agriculture and Agri-Food Canada
Research Branch
Potato Research Centre
Fredericton, NB

FOREST SOILS INTERPRETATION FOR TREE PRODUCTION IN THE FUNDY MODEL FOREST

TABLE OF CONTENTS

ACKNOWLEDGMENTS

SUMMARY

INTRODUCTION 2

METHODS AND RESULTS 3
Soil Map Unit Attribute Files: 3
FILES STRUCTURE 3
Polygon Attribute File (PAT 3
Soil Map Unit File (SMUF 3
Soil Names File (SNF) 3
Soil Layer File (SLF) 3

INTERPRETATION OF SOIL MAP UNIT FOR TREE PRODUCTION 6
The Soil Map Unit Interpretation File (SMUI) 6

DESCRIPTION OF SOIL PROPERTIES AND SYMBOLS USED IN TABLES 1 TO 9 11

LIST OF REFERENCES 13

APPENDIX 1 14
FUNDY MODEL FOREST SOIL MAP UNIT ATTRIBUTE FILES 14

APPENDIX 2 14
SOIL MAP UNIT INTERPRETATION FOR TREE PRODUCTION 64

APPENDIX 3 74
HOW TO USE TABLES IN APPENDIX 1 AND 2 74

LIST OF TABLES

Table 1: Soil Suitability for Production of Balsam Fir/White Spruce 7
Table 2: Soil Suitability for Production of Black Spruce 7
Table 3: Soil Suitability for Production of Eastern White Cedar 8
Table 4: Soil Suitability for Production of Jack Pine/Red Pine 8
Table 5: Soil Suitability for Production of White Pine 8
Table 6: Soil Suitability for Production of Sugar Maple 9
Table 7: Soil Suitability for Production of White Ash 9
Table 8: Soil Suitability for Production of Yellow Birch 9
Table 9: Soil Suitability for Production of Trembling Aspen 10
Table 10: Soil Polygon Attribute File (PAT) 15
Table 11: Soil Map Unit File (SMUF) 29
Table 12: Soil Name File (SNF) 40
Table 13: Soil Layer File (SLF) 45
Table 14: Soil Map Unit Interpretation File (SMUI) 65

ACKNOWLEDGMENTS

The authors wish to thank the members of the soils technical sub-committee of the Fundy Model Forest for encouragement and support of this project. Thanks are also extended to the management committee of the Fundy Model Forest for making this project possible by funding it through the Model Forests Program, Canada's Green Plan. Dr. M.K. Mahendrappa, Natural Resources Canada, CFS Atlantic, Fredericton and Dr. Paul Arp, Faculty of Forestry and Environmental Sciences, the University of New Brunswick, Fredericton offered their valuable comments and edited this report.

SUMMARY

Qualitative productivity of the soils of the Fundy Model Forest are estimated for eleven tree species, commercially important in the Maritime region and growing in New Brunswick, Canada. Seven of these species are softwood and four are hardwood. Digital attribute files for the Fundy Model Forest soils map were built and used together with a custom designed software to derive the suitability of each soil polygon for tree production. Climatic regions and their influence on tree growths were not taken into consideration in this report. Soils characteristics alone were used. Further studies incorporating climate, soils and management techniques are recommended to quantify, forest productivity. Nevertheless, it is expected that this publication will help forest managers in their decision making process concerning the selection of tree species for individual sites.

INTRODUCTION

The advancement of computer technology and the availability of Geographic Information Systems (GIS); hardware and software, made it possible to manipulate and apply soils information in a more consistant and timely way.

This report deals with the buildup of a complete soils data base of the Fundy Model Forest (FMF) that can reside in an ARC/Info GIS environment. The database consists of digital files that compliment the FMF soils map (Fahmy and Colpitts 1995), together this database is considered to be completed. The files are:

1. The Polygon Attribute File (PAT)
2. The Soil Map Unit File (SMUF)
3. The Soil Name File (SNF)
4. The Soil Layer File (SLF)
5. The Soil Map Unit Interpretation File (SMUI)

Soil map unit interpretations are based on predictions of soil behaviour and properties that have direct influence on tree production. Soil interpretation guidelines are considered to be best approximation of existing technology and knowledge pertaining to the study of soils. As change in technology and knowledge advances; and more is learned about soils and their behaviour under specific use, interpretation guidelines; in turn, will change.

In this study of soils interpretation for tree production, the climate zonation factor was not included.

METHODS AND RESULTS

The forest soils map of the Fundy Model Forest (Fahmy and Colpitts 1995) provided the basic information that is used to build attribute files necessary for determining the suitability of each soil polygon for tree production. The structure and format of the attribute files is according to the National Soils Data Base (NSDB) of the Canada Soils Information System (CanSIS) as indicated in Fahmy and Rees (1996). These files are to be used in conjunction with the above mentioned soils map.

Soil Map Unit Attribute Files:

As a system serving forestry, environmental and agricultural needs, the information stored in these attribute files is primarily concerned with the biological productivity of the soils. Biological productivity is controlled by the availability of energy, water, and nutrients. Since the availability of energy is controlled by atmospheric climate, it is most suitable to handle it separately. The ability of soils to supply nutrients and water to plants is manipulated by soil management and is the focal point of these files.

Core properties of these attribute files consist of the following features:

- drainage
- water table
- rooting depth
- texture
- organic matter
- pH
- base saturation
- cation exchange capacity
- water holding capacity
- saturated hydraulic conductivity
- bulk density
- electrical conductivity
- slope
- stoniness
- taxonomy to the Subgroup level
- state of decomposition (Organic soils)
- wood content (Organic soils)

FILES STRUCTURE

The polygon data defines the geographic location of the map polygon in the form of boundaries and location. It is stored in a series of x-y coordinates on a base map. Each polygon has an associated reference to link it with map attribute files that describe the polygon.

Additional fields were added to these files to accomodate New Brunswick's needs (i.e: drainage, texture, depth, and phase modifiers). The data is stored in four related files:

Polygon Attribute File (PAT) - links map polygons to soil map units. Appendix 1, Table 10.

Soil Map Unit File (SMUF) - links soil map units to soil names and landscape modifiers. Appendix 1, Table 11.

Soil Names File (SNF) - links soil names to attributes that pertain to the whole soil. Appendix 1, Table 12.

Soil Layer File (SLF) - links soil names to attributes that vary in the vertical direction. Appendix 1, Table 13.

The Polygon Attribute File (PAT)

The purpose of the polygon attribute file is to link polygon numbers to soil map units. For the purpose of this discussion, a soil map unit is the entire symbol found within a polygon drawn on the soil map.

The list of attributes for the PAT file is as follows:

Field	Field name[1]	Type	Width	Dec.
1	CANSIS-ID	BINARY	4	
2	POLYNUM	BINARY	4	
3	MAPUNITNOM	CHAR	60	
4	AREA	FLOATING	4	3

[1]PAT file field name descriptions are listed below.

AREA	Area of polygon in hectares
POLYGON	Internal system number
CANSIS-ID	Polygon number
MAPUNITNOM	Map symbol

The Soil Map Unit File (SMUF)

This file contains information that applies to the soil polygon symbol. A record in the SMUF file is unique with respect to the following fields:

PROVINCE
MAPUNITNOM

The list of attributes for the SMUF file is as follows:

Field	Field name[1]	Type	Width	Dec.
1	PROVINCE	CHAR	2	
2	MAPUNITNOM	CHAR	60	
3	SOIL_CODE1	CHAR	3	
4	MODIFIER1	CHAR	3	
5	EXTENT1	NUMERIC	3	
6	SOIL_CODE2	CHAR	3	
7	MODIFIER2	CHAR	3	
8	EXTENT2	NUMERIC	2	
9	SOIL_CODE3	CHAR	3	
10	MODIFIER3	CHAR	3	
11	EXTENT3	NUMERIC	2	
12	SLOPEP1	NUMERIC	5	1
13	SLOPEP2	NUMERIC	5	1
14	SLOPEP3	NUMERIC	5	1
15	STONE1	CHAR	1	
16	STONE2	CHAR	1	
17	STONE3	CHAR	1	
18	DATE	DATE	8	Y/M/D

[1]SMUF file field name descriptions are listed below.

PROVINCE	Code for province, i.e., NB for New Brunswick
MAPUNITNOM	Soil map unit symbol as coded on the original paper map
SOIL_CODE	Three character code for the soil name (SOIL_CODE1, SOIL_CODE2, SOIL-CODE3)
MODIFIER*	Three character code to show soil variations. The modifier applies to the soil name and the soil code (MODIFIER1, MODIFIER2, MODIFIER3)
EXTENT	Percent of the map unit occupied by a specific soil
SLOPE	Slope steepness in percent (SLOPE1, SLOPE2, SLOPE3)
STONE	Stoniness class (STONE1, STONE2, STONE3)
DATE	Date of last revision

*For New Brunswick the modifier number is determined using the combination of soil drainage, soil depth, soil texture and soil phase.

The Soil Names File (SNF)

This file contains information that applies to the entire soil.

A record in the SNF file is unique with respect to the following fields:

PROVINCE
SOIL_CODE
MODIFIER
LU

The list of attributes for the SNF file is as follows:

Field	Field name[1]	Type	Width	Dec.
1	PROVINCE	CHAR	2	
2	SOILNAME	CHAR	24	
3	SOIL_CODE	CHAR	3	
4	MODIFIER	CHAR	3	
5	LU	CHAR	1	
6	KIND	CHAR	1	
7	WATERTBL	CHAR	2	
8	ROOTREST	CHAR	1	
9	RESTR_TYP	CHAR	2	
10	DRAINAGE	CHAR	2	
11	MDEP1	CHAR	4	
12	MDEP2	CHAR	4	
13	MDEP3	CHAR	4	
14	ORDER	CHAR	2	
15	S_GROUP	CHAR	4	
16	G_GROUP	CHAR	3	
17	PROFILE	CHAR	14	
18	DATE	DATE	8	Y/M/D
19	SLFNA	CHAR	1	

[1]SNF file field name descriptions are listed below.

PROVINCE	See SOIL MAP UNIT FILE
SOILNAME	Assigned soil name i.e., Caribou
SOIL_CODE	See SOIL MAP UNIT FILE
MODIFIER	See SOIL MAP UNIT FILE
LU	Land use (native)
KIND	Kind of soil (mineral, organic, etc.)
WATERTBL	Water table characteristics
ROOTRESTRI	Soil layer that restricts root growth
RESTR_TYPE	Type of root restricting layer
DRAINAGE	Soil drainage class
MDEP	Mode of deposition (MDEP1, MDEP2, MDEP3)
ORDER	Soil Order (Canadian System of Soil Classification, CSSC)
S_GROUP	Soil Subgroup (CSSC)
G_GROUP	Soil Great Group (CSSC)
PROFILE	Representative soil profile reference
DATE	Date of last revision
SLFNA	Denotes presence of soil layer file records

The Soil Layer File (SLF)

This file is designed to handle attributes which vary in a vertical direction, i.e., soil profile information. The mean value is reported for each attribute. The methods of analysis are according to Sheldrick 1984.

A record in the SLF file is unique with respect to the following fields:

PROVINCE
SOIL_CODE
MODIFIER
LAYER_NO
LU

The list of attributes for the SLF file is as follows:

Field[1]	Field name[2]	Type	Width	Dec.
1	PROVINCE	CHAR	2	
2	SOIL_CODE	CHAR	3	
3	MODIFIER	CHAR	3	
4	LU	CHAR	1	
5	LAYER_NO	CHAR	1	
6	HZN_LIT	CHAR	1	
7	HZN_MAS	CHAR	3	
8	HZN_SUF	CHAR	5	
9	HZN_M0D	CHAR	1	
10	UDEPTH	NUMERIC	3	
11	LDEPTH	NUMERIC	3	
12	COFRAG	NUMERIC	3	
13	DOMSAND	CHAR	2	
14	VFSAND	NUMERIC	3	
15	TSAND	NUMERIC	3	
16	TSILT	NUMERIC	3	
17	TCLAY	NUMERIC	3	
18	ORGCARB	NUMERIC	5	1
19	PHCA	NUMERIC	4	1
20	PH2	NUMERIC	4	1
21	BASES	NUMERIC	2	
22	CEC	NUMERIC	3	
23	KSAT	NUMERIC	6	3
24	KPO	NUMERIC	3	
25	KP10	NUMERIC	3	
26	KP33	NUMERIC	3	
27	KP1500	NUMERIC	3	
28	BD	NUMERIC	4	2
29	EC	NUMERIC	3	
30	CACO3	NUMERIC	2	
31	VONPOST	NUMERIC	2	
32	WOOD	NUMERIC	2	
33	DATE	DATE	8	Y/M/D

[1]Note: For fields 12 and 14-32, a three digit numeric field for the number of observations is optional. A code of zero (0) indicates an estimate.
[2]SLF file field name descriptions follow.

PROVINCE	See SOIL MAP UNIT FILE
SOIL_CODE	See SOIL MAP UNIT FILE
MODIFIER	See SOIL MAP UNIT FILE
LU	See SOIL NAMES FILE
LAYER_NO	1-9, Horizon number
HZN_LIT	Canadian System of Soil Classification (CSSC) horizon lithological discontinuity
HZN_MAS	CSSC master horizon (upper case)
HZN_SUF	CSSC horizon suffix (lower case)
HZN_MOD	CSSC horizon modifier
UDEPTH	Upper horizon depth (cm)
LDEPTH	Lower horizon depth (cm)
COFRAG	Coarse fragments (% by volume)
DOMSAND	Dominant sand fraction size
VFSAND	Very fine sand (% by weight)
TSAND	Total sand (% by weight)
TSILT	Total silt (% by weight)
TCLAY	Total clay (% by weight)
ORGCARB	Organic carbon (% by weight)
PHCA	pH in calcium chloride
PH2	pH in water
BASES	Base saturation (%)
CEC	Cation exchange capacity (meq/100 g)
KSAT	Saturated hydraulic conductivity (cm/h)
KP0	Water retention at 0 kilopascals
KP10	Water retention at 10 kilopascals
KP33	Water retention at 33 kilopascals
KP1500	Water retention at 1500 kilopascals
BD	Bulk density of the soil matrix (g/cm^3)
EC	Electrical conductivity (dS/m)
CACO3	Calcium carbonate equivalent (%)
VONPOST	von Post estimate of decomposition
WOOD	Volume (%) of woody material
DATE	Date of last revision

The four files for the *Soils of the Fundy Model Forest* are stored under the following names:

Polyfmf.dbf
Smuffmf.dbf
Snffmf.dbf
Slffmf.dbf

or with txt or with wb2 extensions

While application of the data sets using a GIS allows for the ability to display results geographically , i.e., on maps, lack of such a system does not preclude analyses of the attribute file information. These data files are easily uploaded to a personal computer and can be analyzed with any number of commercial database management software programs.

Appendix 1 contains these files in a tabular format (Tables 10 to 13). The interpretations presented in the next section of this report are based on these files.

INTERPRETATION OF SOIL MAP UNIT FOR TREE PRODUCTION:

The Soil Map Unit Interpretation File (SMUI)

In this section, the soil map units of the Soils of the Fundy Model Forest soils map (Fahmy and Colpitts 1995) are interpreted for growth and operational limitations for selected forest tree species of economic importance. The inherent productivity or potential growth rate of forest tree species are determined by the interaction of physical, chemical, and biological factors that create a range of conditions of varying suitability for each species. The physical and chemical factors can be interpreted using soil and site criteria such as soil parent material lithology, inherent fertility, drainage, soil texture, depth of friable soil, slope, rockiness, and stoniness. These criteria affect soil aeration, available moisture and nutrients, and depth and ease of root penetration, which in turn affect tree growth.

All tree species, without exception, show best growth on deep fertile moist sites. Growth rates tend to decrease as soil and site conditions deviate from this optimum. However, some species are able to tolerate deficiencies more than other species. For example, jack pine is more tolerant of droughty conditions than sugar maple. The ability of the desired species to compete with undesirable species is another criterion related to soil/site suitability.

Soil drainage is probably the most important site factor affecting tree growth and forest productivity. Drainage pertains to the length of time it takes for water to be removed from the soil in relation to supply. Soil drainage is influenced by climate, topographic position, slope, aspect, soil texture and consistence, and depth to a restricting layer (compacted soil material or bedrock). Good drainage has beneficial effects on soil temperatures and aeration. Deeper rooting is promoted by good drainage which in turn enhances access to nutrients and moisture.

Soils that have parent materials with a relatively high pH tend to support large and diverse populations of soil organisms. High levels of biological activity in soils enhance organic matter decomposition and the availability of nutrients for use by plants. The moist, cool climate of the Atlantic Region, and the promotion of rapid leaching of nutrients and slow replacement of freshly weathered products, is the main reason for the acidic and relatively low fertility of soils in this region.

Mineralogy or petrographic origin of the soil materials is another determining factor in forest site nutrient status. The composition of parent rock materials contribute largely to the chemical characteristics and pH of soil. Some rock types are rich in bases and weather rapidly, resulting in soils with potentially high nutrient status, others contain few bases or are more resistant to weathering and release nutrients more sparingly. For a more detailed discussion on soils and plant nutrient supply in forestry, the reader is referred to *Forest soils of New Brunswick* by Colpitts et al. (1995).

While natural or inherent fertility of the soil is to a large degree a function of soil mineralogy, it also relates to soil nutrient retention. Coarser-textured soils that are low in clay content tend to be more easily leached of nutrients than finer-textured soils. The inherent fertility rating is an estimate of the soil nutrient status based on the anticipated cumulative effects of the above listed factors.

Soil moisture (deficit/excess) and nutrient availability are most often the limiting factors in forest growth. Soil texture and depth of available friable soil material over a compact layer or bedrock are conditions which impact on moisture and nutrient regimes. Slope, rockiness (bedrock exposures), and stoniness (surface stones) also affect moisture and nutrient availability but are more important in terms of site operability.

A custom designed software based on:

- drainage (w)
- inherent fertility (f)
- soil texture (x)
- depth of friable soil (d)
- slope (t)
- rockiness (r)
- stoniness (p)

is used together with the previously mentioned attribute files to develop the Forest Soil Map Unit Interpretation file (Smuifmf.dbf). **(On-site investigation is required prior to any actual usage of the land)**

Each soil map unit has been interpreted for its suitability to support the growth of the following tree species common to the region: balsam fir (*Abies balsamea* (L.) Mill.); white spruce (*Picea glauca* (Moench) Voss); black spruce (*Picea mariana* (Mill.) BSP.); eastern white cedar (*Thuja occidentalis* L.); jack pine (*Pinus banksiana* Lamb.) and red pine (*Pinus resinosa* Ait.); white pine (*Pinus strobus* L.); sugar maple (*Acer saccharum* Marsh.); white ash (*Fraxinus americana* L.); yellow birch (*Betula alleghaniensis* Britt.); and trembling aspen (*Populus tremuloides* Michx.). These interpretations are listed in Table 14 in Appendix 2. Suitability classes were defined by relating the silvics of these major tree species to the key

soil variables listed above. They are described in Tables 1 to 9.

Four suitability classes; described below, were established to rate the selected species. Class definitions were modified from those reported in the *Compendium of soil survey interpretive guidelines used in the Atlantic Provinces* (Atlantic Advisory Committee on Soil Survey 1987) and through individuals and reference consultations such as Fowells 1965.

Good (G) - The soil has a good potential for tree growth and is relatively free of limitations that hinder forest production.

Fair (F) - The soil has a fair potential for tree growth and moderate soil/site limitations exist that hinder forest production. Limitations can be overcome with more intensive management practices.

Poor (P) - The soil has poor potential for tree growth and severe soil/site limitations must be overcome for satisfactory forest production. Limitations cause severe difficulties in crop harvesting, reforestation and/or forest management.

Unsuitable (U) - The soil is unsuitable for merchantable tree growth. Inputs required to utilize these soils/sites for tree production are too great to justify under the existing economic conditions.

The degree of soil suitability is determined by the most restrictive (least suitable) rating assigned to any of the rated soil/landscape properties. The level of soil nutrients sufficient for optimum growth of most species is not known (Fowells 1965) and it must be kept in mind that growth requirements and nutrient demands of tree species are in excess of 40 years to reach merchantable size, and the large variations in nutrient demand may occur over their life cycle.

Organic soils were not rated for tree production.

Table 1. Soil suitability for production of balsam fir/white spruce

Major soil properties[1] influencing use	Suitability class[1] Good	Fair	Poor	Unsuitable
Drainage (w)	W, MW	I	R, P	VP
Inherent fertility (f)	high	medium	low	very low
Average texture[2] of friable soil (x)	l, sil, scl	sl, cl, sicl	ls	s, sic, c
Thickness (cm) of friable soil with BD < 1.6 g/cm^3 (d)	>40	20-40	<20	--
Slope class (t)	a	b	c	d
Rockiness (r)	R0, R1	R2	R3	R4, R5
Stoniness (p)	S0, S1, S2	S3	S4	S5

[1] Soil properties and suitability class symbols are described at end of tables.
[2] Downgrade one class for coarse fragments >50%.

Table 2. Soil suitability for production of black spruce

Major soil properties[1] influencing use	Suitability class[1] Good	Fair	Poor	Unsuitable
Drainage (w)	W, MW	I, P	R, VP	--
Inherent fertility (f)	high, medium	low	very low	--
Average texture[2] of friable soil (x)	l, sil, scl	sl, cl, sicl	ls	s, sic, c
Thickness (cm) of friable soil with BD < 1.6 g/cm^3 (d)	>40	20-40	<20	--
Slope class (t)	a	b	c	d
Rockiness (r)	R0, R1	R2	R3	R4, R5
Stoniness (p)	S0, S1, S2	S3	S4	S5

[1] Soil properties and suitability class symbols are described at end of tables.
[2] Downgrade one class for coarse fragments >50%.

Table 3. Soil suitability for production of eastern white cedar

Major soil properties[1] influencing use	Suitability class[1] Good	Fair	Poor	Unsuitable
Drainage (w)	MW, I	W	P	VP, R
Inherent fertility (f)	high	medium	low, very low	--
Average texture[2] of friable soil (x)	l, sil, scl	cl, sicl	sl, sic, c	s, ls
Thickness (cm) of friable soil with BD <1.6 g/cm^3 (d)	>40	20-40	<20	--
Slope class (t)	a	b	c	d
Rockiness (r)	R0, R1	R2	R3	R4, R5
Stoniness (p)	S0, S1, S2	S3	S4	S5

[1] Soil properties and suitability class symbols are described at end of tables.
[2] Downgrade one class for coarse fragments >50%.

Table 4. Soil suitability for production of jack pine/red pine

Major soil properties[1] influencing use	Suitability class[1] Good	Fair	Poor	Unsuitable
Drainage (w)	W	MW, R	I	P, VP
Inherent fertility (f)	high, medium	low, very low	--	--
Average texture[2] of friable soil (x)	sl, ls	sil, l, scl	cl, sicl, s	sic, c
Thickness (cm) of friable soil with BD <1.6 g/cm^3 (d)	>60	40-60	<40	--
Slope class (t)	a	b	c	d
Rockiness (r)	R0, R1	R2	R3	R4, R5
Stoniness (p)	S0, S1, S2	S3	S4	S5

[1] Soil properties and suitability class symbols are described at end of tables.
[2] Downgrade one class for coarse fragments >50%.

Table 5. Soil suitability for production of white pine

Major soil properties[1] influencing use	Suitability class[1] Good	Fair	Poor	Unsuitable
Drainage (w)	W, MW	I	R, P	VP
Inherent fertility (f)	high, medium	low	very low	--
Average texture[2] of friable soil (x)	l, sil, sl, ls	scl, cl, sicl	s	sic, c
Thickness (cm) of friable soil with BD <1.6 g/cm^3 (d)	>50	30-50	<30	--
Slope class (t)	a	b	c	d
Rockiness (r)	R0, R1	R2	R3	R4, R5
Stoniness (p)	S0, S1, S2	S3	S4	S5

[1] Soil properties and suitability class symbols are described at end of tables.
[2] Downgrade one class for coarse fragments >50%.

Table 6. Soil suitability for production of sugar maple

Major soil properties[1] influencing use	Suitability class[1] Good	Fair	Poor	Unsuitable
Drainage (w)	W, MW	--	I, R	P, VP
Inherent fertility (f)	high	medium	low	very low
Average texture[2] of friable soil (x)	sl, l, sil	scl, cl, sicl	--	s, ls, sic, c
Thickness (cm) of friable soil with BD <1.6 g/cm^3 (d)	>50	30-50	<30	--
Slope class (t)	a	b	c	d
Rockiness (r)	R0, R1	R2	R3	R4, R5
Stoniness (p)	S0, S1, S2	S3	S4	S5

[1] Soil properties and suitability class symbols are described at end of tables.
[2] Downgrade one class for coarse fragments $>50\%$.

Table 7. Soil suitability for production of white ash

Major soil properties[1] influencing use	Suitability class[1] Good	Fair	Poor	Unsuitable
Drainage (w)	W, MW	--	R, I, P	VP
Inherent fertility (f)	high	medium	low	very low
Average texture[2] of friable soil (x)	l, sil	sl, scl, cl, sicl	--	s, ls, sic, c
Thickness (cm) of friable soil with BD <1.6 g/cm^3 (d)	>60	30-60	<30	--
Slope class (t)	a	b	c	d
Rockiness (r)	R0, R1	R2	R3	R4, R5
Stoniness (p)	S0, S1, S2	S3	S4	S5

[1] Soil properties and suitability class symbols are described at end of tables.
[2] Downgrade one class for coarse fragments $>50\%$.

Table 8. Soil suitability for production of yellow birch

Major soil properties[1] influencing use	Suitability class[1] Good	Fair	Poor	Unsuitable
Drainage (w)	W, MW	I	R, P	VP
Inherent fertility (f)	high	medium	low, very low	--
Average texture[2] of friable soil (x)	l, sil, sl	scl, cl, sicl	--	s, ls, sic, c
Thickness (cm) of friable soil with BD <1.6 g/cm^3 (d)	>40	30-40	<30	--
Slope class (t)	a	b	c	d
Rockiness (r)	R0, R1	R2	R3	R4, R5
Stoniness (p)	S0, S1, S2	S3	S4	S5

[1] Soil properties and suitability class symbols are described at end of tables.
[2] Downgrade one class for coarse fragments $>50\%$.

Table 9. Soil suitability for production of trembling aspen

Major soil properties[1] influencing use	Suitability class[1]			
	Good	Fair	Poor	Unsuitable
Drainage (w)	W	MW, I	R, P	VP
Inherent fertility (f)	high, medium	low	very low	--
Average texture[2] of friable soil (x)	sl, l, sil	scl, cl, sicl	ls	s, sic, c
Thickness (cm) of friable soil with BD <1.6 g/cm^3 (d)	>40	20-40	<20	--
Slope class (t)	a	b	c	d
Rockiness (r)	R0, R1	R2	R3	R4, R5
Stoniness (p)	S0, S1, S2	S3	S4	S5

[1] Soil properties and suitability class symbols are described at end of tables.
[2] Downgrade one class for coarse fragments >50%.

DESCRIPTION OF SOIL PROPERTIES AND SYMBOLS USED IN TABLES 1 TO 9

Drainage or wetness (w) - Soil drainage refers to the rapidity and extent of the removal of water from the soil in relation to additions, especially by surface runoff and by flow through the soil to underground spaces. Persistence of excess water, especially in the spring and after prolonged or heavy precipitation, hinders planting and harvesting machinery. Productivity of poorly drained soils is limited by a lack of aeration, susceptibility to compaction, and lower soil temperature. Soil drainage classes are described below:

Rapidly drained (R) - Water is removed from the soil rapidly in relation to supply. Soils are usually coarse-textured, shallow, or both. Water source is precipitation.

Well drained (W) - Water is removed from the soil readily but not rapidly. Soils are generally intermediate in texture and depth. Water source is precipitation.

Moderately well drained (MW) - Water is removed from the soil somewhat slowly in relation to supply. Soils are usually medium- to fine-textured. Precipitation is the dominant water source in medium- to fine-textured soils; precipitation and significant additions by subsurface flow are necessary in coarse-textured soils.

Imperfectly drained (I) - Water is removed from the soil sufficiently slowly in relation to supply to keep the soil wet for a significant part of the growing season. Precipitation, subsurface flow and groundwater act as a water source, alone or in combination. Soils have a wide range in texture and depth.

Poorly drained (P) - Water is removed so slowly in relation to supply that the soil remains wet for a comparatively large part of the time the soil is not frozen. Subsurface flow or groundwater flow, or both, in addition to precipitation, are the main water sources. Soils have a wide range in texture and depth.

Very poorly drained (VP) - Water is removed from the soil so slowly that the water table remains at or on the surface for the greater part of the time the soil is not frozen. Groundwater flow and subsurface flow are the major water sources. Soils have a wide range in texture and depth.

Inherent fertility (f) - Soil fertility is the quality of the soil that enables it to provide the proper balance of nutrients for tree growth. The soils were rated, based on mineralogical composition of parent material as follows:

Soil Name	Fertility Class
Erb Settlement	1
Interval	1
Saltsprings	1
Tracadie	1
Britt Brook	2
Catamaran	2
Cornhill	2
Kingston	2
Long Lake	2
Parleeville-Tobique	2
Parry	2
Reece	2
Salisbury	2
Tetagouche	2
Barrieau-Buctouche	3
Becaguimec	3
Fair Isle	3
Harcourt	3
Irving	3
Juniper	3
Kennebecasis	3
Mafic Volcanic	3
Pinder	3
Popple Depot	3
Serpentine	3
Stony Brook	3
Sunbury	3
Tuadook	3
Big Bald	4
Gagetown	4
Jacquet River	4
Lomond	4
Organic Soil	4
Riverbank	4

1 = High, 2 = Medium, 3 = Low, 4 = Very low

Soil texture (u, x) - Soil texture is an indication of the relative proportions of the various mineral soil particle size groups - sand (2-0.05 mm), silt (0.05-0.002 mm) and clay (<0.002 mm). Each of the textural soil classes has an established range for percentage sand, silt, and clay. Soil texture is one of the most permanent characteristics of a soil, and probably the most important. Size of the soil particles affects most chemical, physical, and mineralogical reactions, and influences root growth for plants and engineering behavior for machinery operation. Soil texture influences: capillarity (water holding capacity); soil erodibility potential; cation exchange capacity and nutrient retention; percolation; and trafficability. Soil texture class abbreviations are defined below.

Symbol	Soil Texture	Typical % Sand	Silt	Clay
c	clay	28	22	50
cl	clay loam	32	35	33
l	loam	41	41	18
ls	loamy sand	82	12	6
s	sand	93	3	4
scl	sandy clay loam	61	11	28
sic	silty clay	7	46	47
sicl	silty clay loam	10	57	33
sil	silt loam	23	64	13
sl	sandy loam	65	25	10

Thickness of friable/permeable soil (d) - The thickness of friable soil material available for root growth and its effect on water percolation is an important consideration in tree production and land management. Dense compact subsoil layers resist penetration of plant roots and percolation of rainfall. These soils are also late to dry in the spring and easily saturated (perched zone of saturation) by high intensity or prolonged rainfall. Shallow rooting may result in plant nutrient deficiencies and lack of resistance to mid-summer drought. Water percolation to subsurface drainage lines is also impeded. Soil layers with bulk densities (BD) greater than 1.60 g/cm^3 or permeabilities of less than 1.0 cm/hr, or both, are considered restricting layers.

Slope or topography (t) - Slope steepness is an indication of the landscape gradient. Important practical aspects of soil slope that impact on use and management include: rate and amount of runoff; erodibility of the soil; use of machinery and uniformity of tree growth and maturity. Although slope shape, length, and pattern also play an important role in slope effect, slope gradient is a convenient measure of slope impact on tree production and soil management. Slope classes are defined below:

Slope Class	% Slope
a	0-15
b	16-30
c	31-50
d	>50

Rockiness (r) - Rockiness is an indication of the land surface area that is occupied by bedrock exposures. Bedrock exposures interfere with site preparation, planting and tree harvest. Rockiness classes are defined below:

Class	% Surface occupied	Distance apart (m)
R0	<2	>75
R1	35704	25-75
R2	35727	35727
R3	25-50	35704
R4	50-90	<2
R5	>90	--

Stoniness (p) - Stoniness refers to the percentage of the land surface occupied by coarse fragments of stone size (>25 cm diameter). Planting and harvest activities are significantly hindered by the presence of surface stones. Alternately, stones are somewhat beneficial in terms of improving the soil thermal regime and protecting soil particles from being washed away. Classes of stoniness are defined on the basis of the percentage of the land surface occupied by stone fragments coarser than 25 cm in diameter:

Class	% Surface occupied	Distance apart (m)
S0	<0.01	>30
S1	0.01-0.1	35732
S2	0.1-3	35470
S3	35503	35431
S4	15-50	0.1-1
S5	>50	0.1

LIST OF REFERENCES

Atlantic Advisory Committee on Soil Survey, Ed: Patterson, G.T. and Rees, H.W. (1987) "Compendium of Soil Survey Interpretive Guidelines used in the Atlantic Provinces", 149 pages.

"Canadian System of Soil Classification Second Edition" (1987) Agriculture Canada Expert Committee on Soil Survey, Publication No. 1646, Research Branch, Agriculture Canada.

Colpitts, Mark C., Fahmy, Sherif H., MacDougall, John E., Ng, Tom T.M., McInnis, Bryce G. and Zelazny, Vincent F. (1995) "Forest Soils of New Brunswick", CLBRR Contribution No. 95-38, Agriculture and Agri-Food Canada, Research Branch, 51 pages plus hard copy maps.

Fahmy, Sherif H. and Colpitts, Mark C. (1995) "Soils of the Fundy Model Forest", CLBRR Contribution No. 95-56, Agriculture and Agri-Food Canada, Research Branch, 28 pages plus a hard copy map. ISBN No. 0-662-25349-3.

Fahmy, Sherif H. and Rees, Herbert W. (1996) "Soils of the Woodstock-Florenceville Area, Carleton County, New Brunswick, Volume 3", New Brunswick Soil Survey Report No. 14, CLBRR Contribution No. 96-02, Agriculture and Agri-Food Canada, Research Branch, 93 pages plus hard copy maps.

Fowells, H.A. (1965) "Silvics of Forest Trees of the United States" Agriculture Handbook No. 271, USDA Forest Service, 762 pages.

APPENDIX 1

FUNDY MODEL FOREST SOIL MAP UNIT ATTRIBUTE FILES*

Table 10: Soil Polygon Attribute File (PAT)

Table 11: Soil Map Unit File (SMUF)

Table 12: Soil Name File (SNF)

Table 13: Soil Layer File (SLF)

*These files are to be used in conjunction with the soils map of the Fundy Model Forest (Fahmy and Colpitts 1995).

- Key to some symbols used in Table 12:

Soil Kind: M = Mineral, O = Organic

Water Table: NO = Not present anytime
YU = Present during unspecified time
YG = Present during growing seasons
YB = Present during growing seasons and non-growing seasons

Root Restriction Type: UN = Undifferentiated
CT = Compacted (Basal) Till
LI = Lithic (Bedrock Contact)
FP = Fragipan

Drainage: R = Rapid, W = Well, MW = Moderately Well, I = Imperfect, P = Poor, VP = Very Poor

Mode of Deposition Parent Material 1 and 2: COLL = Coluvium, FLUV = Fluvial, GLFL = Glaciofluvial, MARI = Marine, RESD = Residual, TILL = Till

Soil Classification: Please refer to: "The Canadian System of Soil Classification (second edition 1987)

- Key to Table 13: - Depths are in cm
- Coarse Fragments, Sand, Silt, Clay, Organic Carbon, and Base Saturation are all in % (Percentage)
- CEC (Cation Exchange Capacity) is in meq/100 g
- Ksat (hydraulic conductivity) is in cm/hr.
- Water Retention at different Kpa (Kilo Piscal) is in % by volume corrected for Coarse Fragments content
- Bulk Density is in g/cm^3

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1	HT3/a	3.149
2	IN4/a	12.689
3	RI4/a	4.520
4	BB4/a	2.164
5	WA0	53.463
6	IN4/a	27.862
7	RI2/a	11.953
8	IN5/a	13.349
9	RI2/a	2.439
10	GG2/a	69.349
11	IN5/a	0.408
12	HT4/a	0.067
13	BB3/a	0.378
14	HT3/a	0.864
15	RI4/a	36.491
16	IN5/a	19.589
17	IN4/a	56.113
18	IN4/a	126.244
19	IN4/a	65.653
20	RI4/a	43.035
21	HT3/a	0.168
22	IN5/a	5.635
23	BB4/a	13.945
24	IN4/a	18.765
25	BB5/a	93.589
26	HT4/a	1315.957
27	IN4/a	39.714
28	BB3/a	7.518
29	HT4/a	55.927
30	SB4/a	27.581
31	BB4/a	11.919
32	HT5/a	5.241
33	HT3/a	39.593
34	HT5/a	133.693
35	BB5/a	2.714
36	SB4/a	30.233
37	HT2/c	115.778
38	PR3/a	168.039
39	WA0	13.294
40	WA0	1.519
41	SA3/b	194.254
42	SA3/a	460.688
43	SA5/a	86.097
44	WA0	0.299
45	SA4/a	429.706
46	HT3/a	76.921
47	SA4/a	1703.956
48	HT3/b	187.688
49	HT3/b	0.616
50	SA4/a	0.505

Polygon Number	Soil Map Unit Symbol	Area (Ha)
51	SA3/a	794.274
52	SA6/a	164.890
53	HT2/c	12.814
54	RI2/a	10.752
55	WA0	0.831
56	IN6	0.984
57	IN6/a	17.414
58	SA4/a	5.719
59	SA6/a	13.496
60	HT2/c	48.603
61	BB4/a	87.205
62	RI2/a	69.440
63	SA5/a	81.486
64	IN3/a	24.417
65	SA5/a	156.822
66	IN4/a	3.733
67	HT3/a	3.775
68	WA0	15.470
69	RI4/a	123.041
70	SB4/a	377.507
71	BB4/a	25.275
72	SA2/c	192.535
73	HT4/a	44.213
74	GG2/a	22.100
75	IN6/a	31.353
76	OS7/a	15.275
77	HT3/a	141.498
78	SA5/a	229.598
79	HT2/c	24.972
80	SB6/a	81.275
81	SA3/b	792.520
82	BB4/a	10.281
83	RI5/a	1.177
84	OS7/a	17.519
85	HT4/b	80.244
86	HT3/b	184.269
87	BB3/a	107.812
88	HT3/a	117.245
89	SA4/a	326.621
90	HT3/a	61.456
91	SB4/a	99.321
92	HT2/c	3.492
93	FA2/a	49.623
94	SB5/a	352.541
95	SB6/a	18.327
96	SA3/a	37.681
97	WA0	1.078
98	SA6/a	163.280
99	HT3/a	256.734
100	WA0	2.418

Polygon Number	Soil Map Unit Symbol	Area (Ha)
101	SB3/c	163.294
102	SA4/a	2704.297
103	OS7/a	23.097
104	SA5/a	104.501
105	SB4/a	99.892
106	SB4/a	4.095
107	WA0	275.924
108	SB4/a	295.388
109	HT2/a	4.985
110	IN3/a	9.210
111	WA0	0.487
112	IN3/a	5.280
113	WA0	3.222
114	HT4/a	450.991
115	SB3/a	162.459
116	HT2/a	411.935
117	HT3/a	67.702
118	SB5/a	40.024
119	WA0	0.442
120	WA0	1.204
121	IN6	49.611
122	OS7/a	85.354
123	GG4	96.514
124	HT4/a	117.352
125	SA5/a	20.649
126	SA3/a	449.437
127	WA0	3.479
128	SA3/a	795.166
129	SA3/b	98.485
130	SA2/a	64.208
131	SA3/a	441.385
132	WA0	1.379
133	SA3/a	1333.222
134	OS7/a	10.405
135	SB3/a	123.357
136	SA3/a	288.483
137	SA4/a	493.214
138	SA5/a	57.798
139	SA2/a	196.505
140	SA3/b	92.395
141	HT4/a	81.684
142	SB4/a	726.723
143	BB4/a	7.825
144	WA0	17.122
145	HT4/a	378.242
146	IN4/a	35.743
147	HT3/a	0.122
148	SN2/a	139.775
149	SA4/a	103.312
150	SA5/a	42.907

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
151	IN6/a	20.459
152	SA5/a	111.128
153	SA3/a	240.767
154	SA3/a	53.918
155	SA4/a	294.545
156	SA3/a	111.041
157	IN4/a	11.691
158	SB3/c	5.829
159	SA4/a	0.837
160	HT3/a	111.442
161	HT4/a	69.772
162	WA0	0.661
163	HT5/a	56.309
164	SB3/a	12.411
165	BB4/a	20.892
166	IN6/a	51.191
167	SA3/b	570.727
168	WA0	0.762
169	SA4/a	45.524
170	HT4/a	21.626
171	RI2/a	36.572
172	IN4/a	37.480
173	GG1/a	79.266
174	SA2/b	103.967
175	HT3/a	234.380
176	SA3/b	53.183
177	WA0	0.263
178	HT3/a	524.386
179	WA0	1.053
180	FA1/b	107.006
181	SB5/a	402.856
182	SA4/a	82.134
183	SA4/a	76.701
184	RI4/a	31.972
185	SB3/a	95.859
186	SA4/a	18.770
187	SB5/a	30.262
188	WA0	0.692
189	SA3/a	109.204
190	IN4/a	148.405
191	SA3/a	43.406
192	HT4/a	79.842
193	SA3/b	1287.014
194	WA0	57.316
195	RI4/a	53.717
196	SA2/c	85.587
197	RI4/a	1.333
198	HT3/b	2.621
199	IN4/a	64.210
200	SB5/a	81.138

Polygon Number	Soil Map Unit Symbol	Area (Ha)
201	SA4/b	128.522
202	PR3/a	43.326
203	IN3/a	0.059
204	SA4/a	42.145
205	WA0	4.917
206	IN3/a	3.860
207	SB5/a	53.529
208	BB4/a	18.661
209	WA0	3.945
210	SB4/a	399.557
211	SA3/b	705.808
212	SA3/b	37.652
213	RI2/a	18.719
214	WA0	4.551
215	WA0	0.385
216	WA0	13.770
217	IN3/a	29.662
218	PR4/a	974.487
219	IN4/a	71.223
220	IN3/a	41.067
221	HT3/b	84.683
222	SA2/c	50.540
223	SB4/a	460.825
224	GG2/a	37.352
225	PR5/a	95.624
226	WA0	1.293
227	SA4/a	96.374
228	0	1.279
229	SA2/b	724.648
230	WA0	0.580
231	SB5/a	11.555
232	IN4/a	21.809
233	SA2/c	8.906
234	WA0	2.273
235	SA4/a	185.358
236	HT4/a	1152.804
237	SB3/a	32.523
238	SB4/a	492.114
239	WA0	1.222
240	SB6/a	390.488
241	HT4/a	181.971
242	WA0	1.809
243	SA5/a	225.446
244	BB4/a	124.969
245	SA4/a	550.092
246	WA0	0.689
247	OS7/a	77.812
248	SB3/b	161.145
249	WA0	0.291
250	IN5/a	146.914

Polygon Number	Soil Map Unit Symbol	Area (Ha)
251	SA2/b	143.949
252	SB3/a	114.334
253	SB4/a	1999.020
254	SB5/a	607.319
255	GG3/a	129.519
256	WA0	4.488
257	0	0.164
258	HT4/a	530.451
259	SA4/a	11.996
260	SA4/a	5.453
261	0	4.172
262	PR2/a	242.539
263	SA4/a	10.616
264	SB5/a	125.899
265	BB4/a	27.808
266	SA3/a	62.501
267	SA5/a	338.023
268	WA0	1.780
269	SA4/a	147.064
270	IN4/a	0.884
271	HT4/a	0.984
272	WA0	1.274
273	OS7/a	38.348
274	HT3/a	1492.657
275	SB3/a	119.821
276	SA5/a	242.490
277	IN4	2.193
278	WA0	0.796
279	WA0	0.254
280	SA4/a	2.575
281	IN4/a	0.448
282	IN5/a	21.536
283	IN5/a	8.267
284	RI3/a	102.791
285	PR5/a	66.111
286	WA0	0.487
287	SA3/a	559.072
288	WA0	2.456
289	WA0	0.538
290	RI3/a	0.261
292	RI3/a	173.169
293	KN2/c	32.511
294	SA4/a	211.645
295	PR3/b	178.603
296	RI3/a	103.267
297	WA0	0.818
298	WA0	1.203
299	HT4/a	5.376

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
301	SA3/b	273.405
302	PR3/a	456.213
303	IN5/a	22.187
304	WA0	0.263
305	SA3/b	1407.832
306	PT4/a	210.042
307	SA3/a	324.584
308	WA0	0.379
309	SA3/c	131.091
310	HT2/a	62.004
311	SA4/b	74.664
312	SB5/a	72.193
313	WA0	9.470
314	SA3/a	163.714
315	SB3/a	432.198
316	SA4/a	391.861
317	SA3/c	188.484
318	HT6/a	139.217
319	SA3/b	1140.756
320	KN3/a	46.158
321	IN5/a	10.406
322	PT2/b	224.188
323	SA2/a	126.502
324	SA5/b	114.179
325	HT3/a	127.582
326	PR2/d	141.174
327	HT4/a	177.552
328	PT4/a	105.112
329	PR2/d	350.170
330	SA4/b	533.553
331	HT5/a	65.631
332	HT4/a	222.272
333	CH4/a	238.540
334	SA5/a	670.286
335	IN4/a	28.016
336	WA0	1.186
337	SA5/a	104.651
338	IN4/a	23.425
339	WA0	6.073
340	SB6/a	8.608
341	PR3/a	166.627
342	CH3/a	97.117
343	SA4/a	84.895
344	HT3/b	46.678
345	SB3/a	589.369
346	SA3/d	78.865
347	PT4/b	91.448
348	RI3/c	14.395
349	SA6/a	52.768

Polygon Number	Soil Map Unit Symbol	Area (Ha)
351	WA0	1.061
352	PR5/a	602.070
353	PR4/a	136.419
354	PR5/b	260.685
355	SB6/a	27.145
356	WA0	1.318
357	SA3/c	256.542
358	SA5/a	341.597
359	WA0	15.937
360	RI4/b	294.171
361	WA0	41.243
362	HT5/a	21.583
363	PR3/c	148.251
364	PR3/a	439.241
365	PR3/c	97.736
366	WA0	0.431
367	HT3/b	108.204
368	HT4/a	198.060
369	IN3/a	52.049
370	PR3/b	304.593
371	HT5/a	31.598
372	SB5/a	123.697
373	SS3/a	265.575
374	SA5/b	125.363
375	HT3/b	817.477
376	SA4/b	347.362
377	HT3/a	967.861
378	SA3/b	91.129
379	SA3/a	247.991
380	PR2/d	186.821
381	KN3/a	72.303
382	SA5/a	346.356
383	SB5/b	117.832
384	SA4/a	602.374
385	PR2/b	25.702
386	SB6/a	12.270
387	PR4/a	65.082
388	SB6/a	101.320
389	HT2/b	300.798
390	SB6/a	15.588
391	PR4/d	22.943
392	IN3/a	26.071
393	IN3/a	41.671
394	SA5/b	336.428
395	SA5/a	473.978
396	SA4/b	197.189
397	SB4/a	1576.126
398	SA3/a	645.618
399	WA0	0.530
400	WA0	0.798

Polygon Number	Soil Map Unit Symbol	Area (Ha)
401	PT4/a	244.974
402	PR4/a	261.160
403	SB5/a	527.112
404	IN4/a	1.454
405	SA3/a	36.316
406	SA4/a	68.938
407	PR2	4.231
408	SA3/b	307.331
409	WA0	2.660
410	HT2/a	188.386
411	BB3/a	147.979
412	WA0	3.497
413	SA3/a	143.525
414	PR2/c	306.404
415	SA3/b	343.389
416	SB4/a	1150.866
417	SA4/a	987.628
418	PR3/b	644.780
419	SB5/a	1312.933
420	PT4/a	61.361
421	RI3/b	11.930
422	SB6/b	32.552
423	PR3/b	197.059
424	SA4/b	314.421
425	SA2/c	190.460
426	SB6/b	8.002
427	HT5/a	142.781
428	HT2/b	100.925
429	IN4/a	13.707
430	HT3/a	140.679
431	SA4/a	123.696
432	SB5/a	417.169
433	SB4/a	59.197
434	HT3/d	3.708
435	PR4/a	88.335
436	SB6/a	14.496
438	EB3/b	68.045
439	SA3/b	355.396
440	SS4/b	231.151
441	PR2/b	229.723
442	WA0	3.905
443	IN3/a	0.547
444	IN3/a	63.247
445	IN3/a	1.486
446	IN3/a	39.965
447	PR2	60.338
448	SS4/a	131.470
449	PT2/c	291.281
450	SA3/a	943.283

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
451	SB2/a	124.243
452	WA0	4.460
453	PR2/c	124.153
454	PR2/c	277.585
455	PR4/b	254.469
456	EB2/b	224.286
457	WA0	1.018
458	SA4/b	137.737
459	SS3/b	316.216
460	PR5/d	308.463
461	IN4/a	2.017
462	PR3/a	310.177
463	IN3/a	26.451
464	PT3/c	110.877
465	SB4/a	171.274
466	SA3/c	209.801
467	SB5/a	534.680
468	PR2/c	422.674
469	SB2/a	229.599
470	SA4/b	850.864
471	WA0	6.911
472	PT3/b	252.256
473	SN1/e	577.567
474	SN2/b	83.929
475	SA3/b	456.133
476	KN2/d	70.294
477	PR2/d	42.397
478	SN5/a	174.413
479	PT4/c	236.538
480	PR3/c	29.983
481	SB3/b	187.929
482	WA0	0.212
483	SS4/c	111.454
484	EB3/b	240.783
485	IN4/b	25.494
486	SB5/a	101.616
487	PT2/c	55.727
488	SA4/b	304.254
489	SB4/a	42.861
490	PT2/d	186.940
491	PT2/b	142.749
492	SB6/a	55.938
493	SB4/b	293.443
494	SB2/a	169.850
496	SA6/a	120.752
497	SA2/b	643.596
498	SA5/a	425.254
499	SN3/a	1201.678
500	PR3/b	164.665

Polygon Number	Soil Map Unit Symbol	Area (Ha)
501	PT3/c	56.946
502	PR3/b	121.863
503	SA4/a	114.284
504	SB3/c	4.139
505	SA3/c	37.553
506	EB2/b	97.744
507	PT3/b	239.389
508	PR2/c	177.868
509	EB2/c	168.096
510	PT3/a	225.612
512	PT4/b	170.573
513	SA4/b	161.946
514	SA3/b	99.761
515	RE4/b	351.040
516	SA3/b	149.615
517	PR2/c	197.750
518	HT5/a	695.519
519	IN6/a	217.954
520	OS7/a	30.001
521	KN3/a	1575.403
522	HT2/c	0.849
523	PR4/b	106.830
524	PT3/b	364.061
525	SA4/c	151.538
526	IN5/a	4.045
527	SA3/c	135.714
528	SS4/b	133.159
529	SB6/a	1151.531
530	SA3/c	54.060
531	KN4/b	276.307
532	PR2/c	343.724
533	RE4/a	224.600
534	PR5/a	135.531
535	SA3/b	416.136
536	SA5/b	590.131
537	OS7/a	23.866
538	RE3/a	987.251
539	WA0	666.325
540	EB2/b	659.865
541	PR4/a	106.095
542	OS7/a	42.984
543	PR3/b	432.403
544	OS7/a	129.992
545	SN2/d	1392.568
546	SA4/e	125.128
547	SB4/a	1080.678
548	HT4/a	577.660
549	RE3/b	263.704
550	OS7/a	131.446

Polygon Number	Soil Map Unit Symbol	Area (Ha)
551	PT3/b	137.586
552	CH2/b	291.540
553	RE3/b	193.487
554	KN2/a	156.948
555	WA0	1.447
556	RE2/b	302.007
557	HT3/c	345.587
558	CH2/b	552.321
559	SB6/a	206.142
560	PT2/d	62.140
561	SB3/b	1829.647
562	WA0	2.266
563	PR2/c	76.187
564	SA4/a	613.710
565	PT5/b	397.872
566	SA2/b	411.008
567	IN4/a	192.276
568	RE2/b	280.302
569	WA0	9.923
570	SA3/b	415.080
571	EB3/b	184.194
572	PT3/d	316.482
573	SN2/c	20.060
574	OS7/a	14.750
575	SB4/b	166.592
576	KN3/c	28.982
577	SA2/c	233.297
578	RE3/a	346.354
579	RE5/a	66.927
580	KN4/a	72.940
581	PT2/e	536.270
582	SA2/c	240.506
583	SA2/c	582.221
584	PT2/d	121.442
585	CH2/c	330.598
586	KN3/a	75.170
587	KN4/a	127.627
588	SB4/a	471.786
589	CH2/d	331.659
590	WA0	49.343
591	OS7/a	32.047
592	RE3/b	86.698
593	HT3/b	1207.823
594	SA4/a	153.746
595	PT4/b	103.603
596	CH2/c	354.394
597	OS7/a	84.341
598	HT2/c	195.762
599	KN2/b	253.792
600	KN2/a	194.884

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
601	PT4/a	309.630
602	SA3/b	123.505
603	HT3/b	445.597
604	OS7/a	155.576
605	PT3/c	53.996
606	PR3/c	481.024
607	OS7/a	17.823
608	CH4/c	313.636
609	WA0	29.639
610	SA5/a	311.398
611	RE4/a	139.251
612	SN3/c	406.540
613	PT3/b	178.110
614	SN2/a	629.047
615	SN2/b	666.604
616	SN2/b	759.777
617	OS7/a	288.679
618	PT3/c	107.840
619	KN3/a	217.745
620	PT2/d	864.682
621	RE2/c	80.472
622	HT2/c	126.191
623	OS7/a	30.694
624	RE2/a	376.188
625	SN2/c	179.706
626	PT3/b	68.381
627	BR2/d	229.116
628	PT4/b	210.518
629	RE3/b	319.772
630	OS7/a	26.430
631	HT2/d	447.487
632	RI3/a	146.107
633	HT4/c	66.288
634	HT4/b	430.585
635	FA2/c	899.737
636	SN2/c	197.422
637	PR2/c	71.793
638	SB4/a	207.014
639	SS2/b	206.304
640	PR1/d	1038.657
641	SN3/a	604.673
642	WA0	0.325
643	PT3/d	399.581
644	SA4/b	331.378
645	HT3/c	92.427
646	SA4/b	294.338
647	PR3/b	1368.448
648	PT3/c	269.654
649	SN2/d	664.415
650	OS7/a	41.742

Polygon Number	Soil Map Unit Symbol	Area (Ha)
651	SB3/b	1352.302
652	WA0	1.850
653	IN4/a	8.204
654	PT3/b	214.637
655	RE3/b	385.031
656	RI2/c	18.342
657	PT3/b	556.821
658	SN2/c	262.993
659	RE2/b	0.321
660	RE6/a	143.845
661	RE3/b	140.201
662	IN4/a	0.183
663	SN2/c	260.200
664	PT2/d	0.001
665	JR1/e	47.003
666	HT2/b	514.607
667	RE2/d	291.470
668	SA3/c	147.515
669	SB4/a	188.922
670	HT3/a	147.601
671	JR2/d	179.873
672	SN3/b	142.932
673	KN3/a	14.546
674	RE5/a	317.382
675	RE2/b	549.080
676	WA0	9.237
677	SN2/e	96.795
678	SN2/c	308.288
679	SN3/b	363.776
680	SN3/b	694.573
681	JR2/c	354.726
682	HT3/b	354.051
683	SB2/b	1446.126
684	BR4/b	297.251
685	RI2/b	10.484
686	PR2/c	192.975
687	SB3/a	84.355
688	WA0	10.606
689	SN1/e	872.278
690	OS7/a	25.676
691	HT3/b	105.520
692	SB3/b	98.080
693	HT4/a	690.346
694	SN1/c	329.427
695	SN1/e	216.134
696	SB4/a	363.105
697	SS4/a	154.131
698	TD4/a	311.856
699	SN2/a	282.153
700	SN2/c	383.536

Polygon Number	Soil Map Unit Symbol	Area (Ha)
701	SN2/d	211.271
702	SB3/a	191.180
703	SN2/d	192.056
704	SB4/a	60.572
705	SN2/b	102.256
706	SN2/a	882.718
707	KN3/a	38.709
708	RE3/c	809.005
709	SB5/c	70.578
710	RI2/b	14.677
711	SN2/c	587.293
712	PT2/d	132.915
713	KN3/d	257.056
714	SN1/e	339.385
715	KN3/a	130.585
716	SN2/b	754.497
717	SA5/b	167.645
718	SS3/b	1120.760
719	SB3/a	427.441
720	SN3/c	124.393
721	HT3/b	60.872
722	TD4/a	1053.457
723	PT2/d	434.255
724	FA2/d	274.219
725	PT2/d	732.907
726	RE5/b	143.953
727	RI2/d	24.038
728	OS7/a	164.622
729	IN4/a	38.317
730	CH2/b	237.255
731	HT3/b	919.618
732	KN2/c	36.826
733	OS7/a	33.768
734	BD1/e	541.400
735	IN3/a	876.320
736	JR1/e	156.087
737	PR4/b	41.604
738	EB3/c	390.846
739	FA2/d	423.354
740	SA3/c	104.482
741	SA4/b	313.665
742	JU2/b	1119.943
743	HT3/c	273.244
744	SS4/b	212.551
745	PR2/b	149.593
746	BD1/e	379.369
747	OS7/a	14.262
748	SN2/d	354.460
749	SN2/b	159.716
750	KN3/a	1090.237

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
751	JR2/d	221.508
752	PT2/c	996.209
753	SN2/e	1436.225
754	HT5/a	333.694
755	SN2/c	437.883
756	SB6/a	161.125
757	SB2/b	218.976
758	SN1/e	398.179
759	SN1/d	194.373
760	SB2/b	220.461
761	WA0	5.948
762	SN2/d	1003.194
763	SB5/a	125.497
764	RI3/a	52.313
765	KN2/b	143.344
766	SN2/c	929.345
767	SA2/c	308.886
768	SB3/b	134.199
769	RE4/a	231.972
770	SB4/a	455.361
771	KN2/a	102.686
772	PT4/c	73.918
773	PT2/d	151.001
774	SB3/c	302.366
775	WA0	7.624
776	HT4/b	611.160
777	SB3/a	82.388
778	SB5/a	664.421
779	OS7/a	35.076
780	PT4/b	21.065
781	SB4/a	957.702
782	SN2/c	279.486
783	SN2/b	433.216
784	OS7/a	6.885
785	KN2/b	79.173
786	OS7/a	7.893
787	OS7/a	21.600
788	SS2/b	305.264
789	SA3/c	137.311
790	SN2/c	91.057
791	OS7/a	29.603
792	WA0	4277.689
793	SB4/b	28.705
794	IN4/a	1.463
795	SB5/b	80.762
796	PR3/b	246.113
797	KN2/c	628.574
798	IN4/a	41.999
799	HT4/a	718.473
800	HT2/c	219.946
801	IN4/a	12.786
802	SA4/b	43.068
803	SN3/c	236.177
804	CH3/d	124.492
805	SB4/a	183.394
806	SN3/b	286.595
807	CH2/e	127.851
808	PT2/d	207.690
809	CH4/c	23.290
810	SN2/b	1579.087
811	SB3/b	432.606
812	SB4/b	153.095
813	PT4/b	318.344
814	OS7/a	50.924
815	SB2/b	153.509
816	HT4/b	936.511
817	PT2/e	276.493
818	JU2/d	269.995
819	CH2/c	169.841
820	PT3/c	49.198
821	IN4/a	0.356
822	PR4/a	378.850
823	SN1/e	263.029
824	WA0	4.965
825	KN3/c	30.055
826	PT3/c	58.044
827	HT2/c	116.339
828	WA0	1.715
829	OS7/a	13.956
830	IN4/a	1.044
831	KN3/b	225.422
832	IN4/a	347.311
833	LO3/c	77.079
834	PT3/b	404.505
835	LO3/c	229.474
836	OS7/a	26.426
837	EB3/b	526.957
838	KN2/b	241.482
839	PT2/d	329.773
840	PR2/d	660.774
841	WA0	3.428
842	SB3/a	537.652
843	IR2/d	245.240
844	SN2/d	745.113
845	OS7/a	50.473
846	KN3/a	30.562
847	BD1/e	337.450
848	PT2/b	137.927
849	HT3/c	83.535
850	OS7/a	22.216
851	WA0	10.352
852	SN2/b	643.240
853	PT2/d	105.883
854	KN4/b	15.962
855	WA0	5.686
856	PT4/c	24.066
857	EB4/b	79.001
858	IN4/a	114.413
859	PT2/c	726.548
860	PT4/b	47.413
861	EB4/b	216.717
862	PT3/c	174.858
863	JR2/d	302.361
864	HT3/b	238.546
865	IN4/a	18.904
866	KN2/b	16.347
867	PT2/b	1149.310
868	HT3/c	597.592
869	TD4/a	223.188
870	IR1/e	108.207
871	HT2/d	277.095
872	HT3/a	1314.749
873	KN2/c	96.981
874	WA0	2.347
875	IR1/e	424.710
876	HT4/c	249.432
877	KN3/b	127.582
878	PT2/d	488.339
879	SS4/b	534.745
880	CH1/e	433.462
881	HT5/a	69.475
882	SN2/d	221.482
883	SB3/c	311.481
884	SB3/b	274.782
885	PR2/c	316.133
886	PT3/d	171.379
887	IN5/a	165.314
888	WA0	2.646
889	KN4/a	306.097
890	JU2/d	1134.741
891	HT4/c	102.382
892	HT3/c	141.812
893	PT4/d	27.301
894	SB2/c	292.754
895	HT3/b	47.449
896	HT2/b	450.032
897	WA0	2.525
898	KN3/a	180.192
899	IN4/a	49.120
900	PT2/d	248.545

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
901	PT4/b	179.333
902	HT2/c	163.462
903	WA0	9.434
904	IR2/e	152.703
905	WA0	4.302
906	RI2/c	74.591
907	HT4/b	378.501
908	PT4/b	85.311
909	WA0	10.197
910	SB4/b	217.682
911	IN4/a	423.887
912	HT4/a	209.603
913	IN5/a	25.478
914	PT2/d	457.731
915	KN3/a	35.464
916	WA0	7.562
917	IN5/a	1066.297
918	HT4/c	29.838
919	HT2/c	997.388
920	IN4/a	24.856
921	JU2/d	185.333
922	WA0	7.721
923	KN4/a	331.121
924	HT2/c	90.092
925	SN3/c	177.706
926	PT1/d	566.812
927	CH1/e	107.468
928	WA0	1.857
929	PT5/a	34.695
930	PT3/c	29.042
931	PT4/a	61.360
932	SN2/e	447.640
933	KN5/a	243.086
934	SB3/b	261.903
935	SB4/b	187.664
936	SN2/d	468.688
937	SN2/d	338.834
938	OS7/a	79.691
939	PT3/b	486.687
940	PT3/c	115.905
941	PT3/a	554.758
942	PT5/b	56.844
943	JU2/c	304.825
944	PT3/c	603.776
945	HT2/b	639.167
946	PT4/a	139.303
947	SN2/b	364.986
948	OS7/a	39.389
949	IR2/d	241.139
950	KN3/a	425.697

Polygon Number	Soil Map Unit Symbol	Area (Ha)
951	BR2/d	129.139
952	IN5/a	0.057
953	JU2/e	258.876
954	PT4/a	113.391
955	IR2/e	147.729
956	IN5/a	0.454
957	MV2/e	480.134
958	PT2/c	127.894
959	CH2/b	89.749
960	OS7/a	48.301
961	IN5/a	0.065
962	SB2/c	478.944
963	SB3/c	215.151
964	SN3/b	454.679
965	PT4/b	72.910
966	SN4/a	205.634
967	HT3/b	185.815
968	SB2/c	1342.411
969	GG2/d	34.776
970	IN4/a	0.284
971	MV2/c	419.801
972	KN3/b	15.199
973	PD3/b	456.770
974	WA0	2.919
975	PT4/c	38.040
976	PT2/c	542.555
977	HT3/b	118.541
978	HT3/c	293.717
979	CH2/c	207.501
980	PT1/d	199.267
981	PT5/b	56.152
982	OS7/a	50.832
983	JU2/b	165.838
984	BR2/b	343.630
985	KN3/a	30.352
986	WA0	5.195
987	PT5/a	42.221
988	WA0	7.354
989	0	2.321
990	WA0	43.487
991	SB3/b	589.135
992	OS7/a	65.955
993	JR3/b	226.731
994	JU2/b	233.218
995	RE2/c	226.549
996	PT2/c	163.991
997	PT1/e	2872.605
998	KN3/b	304.449
999	KN3/c	18.574
1000	KN4/a	193.205

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1001	WA0	8.243
1002	PR3/b	203.293
1003	SB3/c	468.573
1004	PT3/a	276.191
1005	CH3/c	53.208
1006	IN4/a	35.698
1007	KN3/a	112.854
1008	JU2/d	253.136
1009	KN3/b	94.501
1010	PT4/a	819.281
1011	PD2/b	1039.309
1012	SB4/b	310.658
1013	PD2/c	356.656
1014	SB4/b	346.775
1015	MV3/b	645.832
1016	PD2/d	473.706
1017	PT2/c	30.194
1018	BR2/c	334.763
1019	PT2/c	548.909
1020	PR2/c	44.670
1021	IN5/a	0.735
1022	KN3/a	37.108
1023	IN3/a	152.761
1024	WA0	16.429
1025	PT3/b	113.229
1026	KN2/a	96.409
1027	PR3/a	178.686
1028	IN5/a	42.371
1029	PR5/a	129.533
1030	PR3/b	212.911
1031	MV2/d	242.566
1032	WA0	10.098
1033	OS7/b	58.774
1034	PR3/d	91.767
1035	JU3/d	157.263
1036	PR2/d	387.490
1037	HT2/c	129.356
1038	OS7/a	55.147
1039	KN3/a	1169.452
1040	CH2/d	96.348
1041	IN6/b	72.125
1042	PD4/c	365.619
1043	SA4/b	267.684
1044	IN3/a	904.910
1045	BE2/d	156.190
1046	JR3	1.580
1047	SA4/b	0.166
1048	JR1/d	102.030
1049	SA4/b	0.102
1050	IN3/a	180.879

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1051	PT2/d	99.227
1052	KN3/b	0.105
1053	SA4/b	0.089
1054	KN3/b	0.073
1055	TU2/c	207.190
1056	KN3/c	99.557
1057	LO3/a	251.012
1058	SB2/d	649.887
1059	PD3/c	97.055
1060	CH3/c	233.399
1061	LO3/b	851.485
1062	BR2/e	314.879
1063	PD2/e	401.711
1064	WA0	2.706
1065	IN4/b	76.718
1066	OS7/a	39.960
1067	SA3/c	149.923
1068	LO2/d	360.514
1069	CH4/b	285.996
1070	JR4/b	74.285
1071	PR3/c	186.965
1072	JU2/c	1319.111
1073	PR4/d	227.700
1074	JR4/b	5.181
1075	PT2/c	100.195
1076	SB2/d	329.020
1077	KN3/c	71.874
1078	PT3/c	301.373
1079	PT3/c	485.764
1080	KI2/b	276.870
1081	MV1/e	294.768
1082	JU4/c	125.699
1083	CH3/e	134.580
1084	KN3/b	303.748
1085	JR2/b	33.433
1086	WA0	11.451
1087	JU3/c	199.042
1088	WA0	9.674
1089	SB4/a	466.367
1090	CH3/c	275.662
1091	MV2/d	204.801
1092	WA0	9.472
1093	PR2/e	223.542
1094	BR4/e	19.942
1095	BR4/c	221.293
1096	IN3/a	4.429
1097	IN3/a	2.218
1098	SA3/c	96.595
1099	OS7/b	17.964
1100	WA0	2.074

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1101	PT3/e	230.903
1102	SA3/b	155.599
1103	LL4/d	29.763
1104	SA2/c	316.026
1105	SA4/b	175.942
1106	LL2/d	249.651
1107	SA3/a	110.935
1108	JR2/d	987.231
1109	LO3/c	877.699
1110	PT2/d	108.955
1111	KI3/b	229.648
1112	SB3/b	161.732
1113	PT3/c	137.829
1114	WA0	2.114
1115	JR3/c	97.678
1116	SA3/c	65.823
1117	JR2/d	179.571
1118	PT1/e	167.575
1119	PT3/b	2586.097
1120	BR3/b	192.410
1121	CH4/c	260.430
1122	CT4/b	434.528
1123	BR3/d	196.974
1124	PT2/b	244.963
1125	SA3/e	118.309
1126	PT3/a	32.269
1127	WA0	17.958
1128	PD2/b	135.145
1129	PD2/d	399.438
1130	WA0	20.771
1131	KN3/a	99.542
1132	LL4/b	55.644
1133	BR3/e	77.143
1134	PT3/d	161.701
1135	LL2/c	165.753
1136	KN2/c	227.028
1137	LO4/a	594.733
1138	PT2/c	80.984
1139	JU2/d	146.611
1140	PR2/b	267.332
1141	KN2/d	137.821
1142	CH2/d	91.550
1143	KN3/a	30.780
1144	PR2/d	491.751
1145	LL2/c	74.963
1146	PT5/b	117.263
1147	WA0	2.528
1148	MV2/c	348.832
1149	HT3/b	341.175
1150	KI2/b	568.693

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1151	CH3/c	116.741
1152	PR2/e	399.812
1153	PR2/e	156.897
1154	OS7/b	16.865
1155	PT5/d	25.225
1156	IN3/a	34.127
1157	BR2/c	180.633
1158	PR2/c	201.285
1159	EB2/c	148.468
1160	PT5/d	13.273
1161	PR4/a	278.443
1162	PT2/e	202.601
1163	HT2/d	132.109
1164	SS3/d	63.470
1165	CH2/e	738.139
1166	BD1/e	154.554
1167	PR3/c	201.761
1168	PR2/e	217.300
1169	PD3/c	161.231
1170	CH3/c	36.938
1171	PT3/d	134.153
1172	BR4/b	53.499
1173	SB3/d	20.190
1174	PT2/d	111.767
1175	LL3/c	404.266
1176	BR4/b	87.589
1177	EB2/c	80.535
1178	GG1/c	119.692
1179	PR2/c	127.803
1180	LO3/a	17.375
1181	GG1/b	129.396
1182	PD2/b	184.434
1183	WA0	20.296
1184	CH2/c	157.327
1185	LL3/c	30.402
1186	BR2/c	100.559
1187	PT5/c	15.156
1188	PD2/d	222.943
1189	CT3/b	106.813
1190	PT2/e	714.797
1191	LL3/c	18.482
1192	WA0	2.545
1193	TU2/c	286.273
1194	PT2/d	399.546
1195	SS4/b	116.314
1196	LL2/d	270.279
1197	PT2/e	144.532
1198	GG3/d	186.631
1199	EB3/a	406.732
1200	CH3/c	116.512

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1201	PT2/c	93.558
1202	SB5/b	32.838
1203	SB3/a	204.548
1204	LL2/b	251.716
1205	EB2/d	476.576
1206	PT3/d	262.015
1207	SA2/b	1575.727
1208	GG2/d	39.227
1209	PT5/c	18.464
1210	LO2/b	111.289
1211	PT2/c	574.413
1212	JR2/d	108.360
1213	KN2/d	95.385
1214	CH3/d	28.840
1215	PT5/c	52.853
1216	PR2/c	272.676
1217	PT3/c	229.528
1218	LL3/d	21.854
1219	CH4/c	116.502
1220	BR2/e	222.139
1221	LO2/c	350.255
1222	SA4/c	88.485
1223	SS3/a	239.320
1224	OS7/a	24.215
1225	TU3/b	174.036
1226	LO2/c	86.842
1227	LL4/c	254.213
1228	TT3/c	205.406
1229	PR4/c	32.838
1230	PT3/e	65.842
1231	PI2/c	180.597
1232	JU2/b	421.463
1233	PT1/e	172.607
1234	BR4/e	146.796
1235	SS3/b	318.578
1236	PT2/c	89.422
1237	PT2/b	591.656
1238	PD3/b	209.714
1239	PT1/e	4603.484
1240	IN3/e	82.736
1241	LL3/c	54.460
1242	EB1/b	141.831
1243	SB5/a	130.475
1244	WA0	48.176
1245	KI3/a	132.553
1246	BR2/d	117.039
1247	KN2/c	97.458
1248	CH4/c	252.601
1249	IN3/c	26.406
1250	OS7/b	17.713
1251	PT5/b	28.333
1252	PT2/e	227.427
1253	HT2/b	254.651
1254	PT2/e	76.655
1255	PR3/c	134.141
1256	CH3/c	565.681
1257	LL3/b	151.801
1258	KN2/d	35.349
1259	CH2/e	395.981
1260	CT2/c	98.089
1261	PR3/b	243.719
1262	CH3/e	22.387
1263	SB3/a	300.805
1264	JR3/b	310.151
1265	WA0	1.683
1266	IR2/c	274.578
1267	GG2/c	25.500
1268	GG1/c	25.810
1269	LL3/b	89.002
1270	LL3/c	234.092
1271	WA0	5.777
1272	PR2/c	47.770
1273	CH2/d	548.214
1274	LO2/c	0.052
1275	IN3/b	62.142
1276	LO2/c	127.746
1277	CH3/e	296.042
1278	EB2/c	207.995
1279	IR4/b	68.566
1280	JR2/c	295.097
1281	BR4/e	238.382
1282	PR2/c	164.874
1283	JR3/a	290.238
1284	PR4/c	143.994
1285	PT3/c	102.018
1286	BR3/c	308.579
1287	BR5/d	108.336
1288	CH3/b	557.417
1289	SS3/c	209.821
1290	WA0	2.511
1291	PR2/e	258.896
1292	OS7/a	18.096
1293	PR5/a	49.125
1294	SS2/e	68.900
1295	BR3/c	202.779
1296	LO2/b	0.035
1297	CT2/b	271.426
1298	JU3/b	174.099
1299	EB2/c	337.516
1300	PT2/b	696.360
1301	IR3/c	232.676
1302	PT3/c	329.417
1303	PT2/d	205.193
1304	EB3/b	265.334
1305	JR4/a	436.130
1306	LO2/b	31.417
1307	WA0	3.628
1308	PT4/d	42.824
1309	BR4/b	96.422
1310	OS7/a	29.117
1311	IR1/e	140.323
1312	SA5/c	17.910
1313	PD3/d	175.039
1314	WA0	9.954
1315	PD4/c	135.524
1316	WA0	9.858
1317	SA5/a	99.617
1318	LL3/a	1218.558
1319	BR5/b	100.642
1320	SA4/a	17.504
1321	SS2/e	139.276
1322	CH3/e	19.251
1323	IR3/c	203.323
1324	SA2/c	73.319
1325	JU3/b	51.212
1326	PT5/a	36.806
1327	PT4/d	55.848
1328	PT4/d	1.956
1329	PD3/d	51.097
1330	JU3/b	376.194
1331	PT2/b	162.012
1332	SS3/d	271.585
1333	IN4/a	11.052
1334	PT5/b	44.963
1335	PT3/d	192.394
1336	EB3/c	359.082
1337	IN4/a	0.662
1338	IR2/c	510.330
1339	GG2/b	50.849
1340	WA0	1.874
1341	WA0	1.226
1342	PT3/a	169.104
1343	PD4/a	194.758
1344	PD3/b	379.015
1345	LO4/b	229.906
1346	JR2/c	449.179
1347	EB2/c	505.511
1348	PT5/b	162.482
1349	SS3/b	344.694
1350	PD2/c	178.629

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1351	LO3/b	206.457
1352	JR2/b	523.748
1353	WA0	3.157
1354	IN4/a	58.822
1355	LO1/e	915.955
1356	PT1/e	28.467
1357	JR2/c	392.308
1358	IR2/c	789.536
1359	BR2/d	230.896
1360	OS7/a	144.293
1361	PT3/c	269.478
1362	IR2/e	157.924
1363	BR2/b	367.084
1364	PR3/c	86.546
1365	LL2/e	100.535
1366	BR2/b	142.507
1367	PT3/b	95.434
1368	OS7/a	39.760
1369	SA3/b	807.909
1370	KN3/c	80.686
1371	JR2/c	190.786
1372	PT2/d	136.867
1373	JU5/a	175.669
1374	GG2/b	50.593
1375	WA0	2.884
1376	LL2/c	64.673
1377	BR3/a	25.130
1378	BR5/d	41.200
1379	JR4/a	578.583
1380	PR2/d	277.765
1381	BR5/b	129.712
1382	PT5/b	160.249
1383	JR2/c	776.067
1384	CH2/e	368.201
1385	BR5/a	69.776
1386	CT3/b	242.486
1387	JR3/c	256.740
1388	LL2/b	278.606
1389	WA0	5.636
1390	BR2/d	591.836
1391	JR3/b	834.026
1392	PD3/c	89.925
1393	PR2/e	111.835
1394	JU3/c	1470.757
1395	JR1/e	282.603
1396	SA2/c	194.566
1397	JR2/b	96.195
1398	BR4/e	55.122
1399	LL2/c	483.022
1400	JU4/b	96.151

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1401	JU5/a	688.933
1402	LL2/a	167.762
1403	JU5/b	52.499
1404	KN3/a	20.754
1405	JU3/b	1311.864
1406	KN3/c	48.268
1407	BR3/a	526.930
1408	PT4/c	115.205
1409	BR5/a	56.598
1410	LO2/e	29.654
1411	JR3/a	289.592
1412	SS2/b	143.461
1413	PT3/b	412.041
1414	PT2/d	88.015
1415	PT2/d	157.360
1416	WA0	3.596
1417	PT5/a	15.830
1418	WA0	29.688
1419	PT2/d	342.158
1420	SS5/a	159.484
1421	OS7/a	39.897
1422	PT2/e	575.981
1423	SA3/b	776.711
1424	PD2/c	315.419
1425	SS4/b	324.316
1426	LO2/e	111.572
1427	EB2/b	218.681
1428	WA0	1.761
1429	LL2/d	306.930
1430	IR1/e	177.495
1431	WA0	1.854
1432	IR3/c	67.909
1433	GG3/c	1004.826
1434	PR2/c	237.881
1435	IN4/a	979.858
1436	SS6/b	21.986
1437	PD3/b	95.354
1438	PT5/a	42.018
1439	OS7/a	60.981
1440	LO2/e	852.357
1441	PT4/b	88.829
1442	OS7/a	70.845
1443	JR3/b	543.344
1444	LL3/a	201.612
1445	PT2/c	226.623
1446	BR5/d	49.341
1447	EB3/b	388.200
1448	CH2/d	131.473
1449	PR4/b	373.527
1450	OS7/b	32.786

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1451	BR5/d	2.026
1452	BR5/c	129.644
1453	WA0	1.258
1454	EB4/b	47.780
1455	PT2/e	231.727
1456	PD3/c	139.517
1457	PT2/d	949.762
1458	IR4/b	148.545
1459	GG2/b	52.841
1460	IR3/b	768.960
1461	LO2/d	1700.683
1462	SS3/c	145.654
1463	PT3/d	893.335
1464	PD3/e	561.504
1465	TU2/b	132.215
1466	BR2/c	145.235
1467	LO3/c	483.451
1468	PT3/c	413.045
1469	BR2/e	41.636
1470	JR2/c	289.026
1471	LL2/c	291.345
1472	SS5/a	476.716
1473	OS7/b	12.865
1474	JR2/d	643.398
1475	PT2/d	353.828
1476	PR2/c	520.739
1477	PR3/c	75.969
1478	PT5/b	27.116
1479	BR3/b	622.058
1480	LO1/e	391.069
1481	SA2/b	46.992
1482	PT4/b	163.690
1483	SA2/a	421.793
1484	PT2/a	19.338
1485	LO2/c	908.003
1486	BR5/b	65.164
1487	LO3/a	641.310
1488	BR2/d	854.790
1489	JR4/c	150.017
1490	JR4/b	220.153
1491	LO3/d	299.083
1492	LO3/c	547.775
1493	PT2/b	239.225
1494	IR2/c	155.085
1495	LO1/e	180.417
1496	LL2/c	394.029
1497	SA4/a	30.436
1498	PT2/c	346.586
1499	EB3/c	254.365
1500	WA0	1.669

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1501	JU3/c	95.386
1502	GG2/d	74.205
1503	JR4/b	383.773
1504	CH3/d	62.190
1505	BR2/d	293.309
1506	WA0	44.265
1507	LL3/a	292.209
1508	LO2/d	327.504
1509	PT3/d	77.575
1510	IR2/c	239.285
1511	JR3/c	329.911
1512	PD2/c	143.415
1513	LO4/c	32.557
1514	JR2/d	253.794
1515	WA0	1.546
1516	SA2/c	301.530
1517	SA4/a	182.064
1519	PT3/b	453.121
1524	BR5/c	15.199
1525	LO3/b	438.075
1527	LL3/e	36.735
1528	PT3/c	153.523
1530	PT2/d	66.612
1534	WA0	11.284
1535	PR2/c	377.504
1536	JR3/d	116.605
1538	LO3/c	284.100
1539	PT4/c	35.996
1540	WA0	1.638
1541	PD3/c	365.165
1542	WA0	0.576
1543	IR5/b	87.935
1544	LO2/d	140.160
1545	JR6/a	197.908
1546	CH3/e	33.755
1547	JR2/c	212.133
1548	PR3/b	263.823
1549	WA0	18.085

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1551	SA4/c	306.053
1552	LO2/b	315.354
1554	PT5/b	61.193
1555	LO2/d	186.870
1556	WA0	3.388
1557	PT2/b	248.374
1558	JR2/d	237.331
1559	PD2/b	47.190
1560	WA0	6.581
1561	WA0	13.779
1562	JR4/c	197.139
1563	OS7/a	18.616
1565	LO1/b	54.855
1568	IR2/d	458.461
1569	PT1/e	582.285
1572	EB2/c	105.416
1573	LL3/d	300.060
1575	GG2/b	45.293
1576	LO1/e	225.739
1578	WA0	0.648
1579	JR3/b	665.417
1580	SA2/c	221.075
1581	JR2/d	120.091
1582	PT2/c	76.489
1583	PR2/e	53.987
1584	JU4/a	205.368
1585	JR5/a	612.369
1586	IR2/d	65.674
1587	BR4/b	47.348
1588	PT2/d	55.007
1589	SS2/c	207.539
1591	OS7/b	9.265
1593	IN5/c	374.492
1595	OS7/a	16.173
1596	PT3/a	22.984
1597	PT5/a	18.035
1599	WA0	25.054
1600	IN4	32.065

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1601	KN2/d	28.660
1602	PD3/b	268.568
1603	JU3/c	684.578
1604	WA0	0.676
1605	PR4/a	148.908
1606	JU3/a	259.317
1607	GG2/c	105.454
1608	JR2/e	134.685
1609	IN4/a	0.065
1610	OS7/a	118.174
1611	CH2/d	155.178
1612	PT2/c	35.275
1613	GG2/c	91.485
1614	IR3/c	210.515
1615	PD2/d	387.469
1616	BR5/a	414.286
1617	SS5/a	100.271
1618	WA0	1.300
1619	WA0	1.510
1620	JR3/c	68.323
1621	IR2/b	496.162
1622	IR3/c	111.421
1623	GG2/e	58.647
1624	BR5/a	30.111
1625	IR2/e	59.465
1626	WA0	0.668
1627	LO1/e	237.889
1628	GG3/a	1.202
1629	PT2/e	185.029
1631	LO1/e	2.375
1632	SS4/b	62.433
1633	WA0	3.503
1634	SA3/c	245.020
1635	OS7/a	122.808
1636	WA0	12.799
1637	LO3/c	262.774
1638	PD2/d	127.290
1639	SS2/d	559.971
1640	TU4/b	421.450
1641	PT5/a	18.756
1642	WA0	2.503
1643	JR2/d	360.237
1644	LO2/c	78.428
1645	WA0	0.327
1646	IR2/c	88.799
1647	LO3/c	23.215
1648	SS2/e	558.985
1649	PT5/a	136.350
1650	PD2/c	24.043

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1651	WA0	0.641
1652	RI2	0.966
1653	LO2/d	251.855
1654	LO2/c	48.477
1655	PD4/b	682.483
1656	RI2	0.057
1657	LO2/d	467.415
1658	WA0	1.695
1659	WA0	42.226
1660	PT2/e	179.420
1661	WA0	1.187
1662	IN5/a	24.547
1663	WA0	2.628
1664	LO4/b	103.057
1665	PD3/b	1315.190
1666	WA0	20.368
1667	JR3/c	255.395
1668	PT4/c	515.386
1669	LO2/d	130.023
1670	PT2/e	387.198
1671	BR3/c	146.204
1672	JR1/e	449.875
1673	LO3/c	224.677
1674	BR3/c	239.534
1675	WA0	1.991
1676	SA2/d	124.956
1677	SA4/b	78.878
1678	PT3/a	181.393
1679	SA3/a	145.635
1680	JR1/e	90.340
1681	SA5/a	51.135
1682	LO1/e	3.459
1683	OS7/a	53.629
1684	WA0	0.542
1685	KN2/b	126.700
1686	GG4/a	14.216
1687	LO3/d	543.373
1688	JR4/c	140.889
1689	BR2/c	251.995
1690	WA0	3.985
1691	WA0	0.690
1692	LO2/d	511.410
1693	LO3/c	950.603
1694	PT1/e	480.152
1695	BR2/d	295.222
1696	PT2/a	31.933
1697	PT5/a	27.093
1698	PR4/c	26.106
1699	OS7/b	34.481
1700	WA0	0.585

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1701	PD2/d	170.393
1703	SA3/c	377.425
1704	IN5/a	2.362
1705	WA0	0.304
1706	WA0	0.948
1707	GG3/d	136.260
1708	JR3/c	116.803
1709	WA0	3.069
1710	WA0	1.821
1711	LL4/b	235.420
1712	BR3/b	549.823
1713	PT3/c	350.081
1714	JR2/c	767.166
1715	BR2/d	679.381
1716	PD2/d	514.252
1717	PD5/a	64.892
1718	LO2/d	98.608
1719	GG3/c	182.939
1720	PT2/b	287.610
1721	GG3/b	26.161
1722	GG4/c	7.838
1723	GG3/d	43.055
1724	IN5/a	79.755
1725	CH3/c	193.736
1726	PT4/b	437.740
1727	SS2/d	91.634
1728	GG2/e	182.241
1729	BR1/e	98.712
1730	GG3/c	18.992
1731	PD2/c	178.884
1732	IR3/c	40.022
1733	OS7/b	17.507
1734	SS5/b	18.349
1735	BR2/b	111.212
1736	PD5/b	53.562
1737	SA2/c	212.732
1738	JR4/b	126.420
1739	MV2/e	252.528
1740	SS5/b	26.891
1741	CH3/c	198.570
1742	LO4/c	8.669
1743	PT2/d	338.766
1744	JR3/c	123.158
1745	WA0	1.882
1746	BR1/e	36.067
1747	PD3/c	34.050
1748	OS7/a	27.141
1749	LO1/e	24.766
1750	JR2/d	314.806

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1751	PT2/b	14.324
1752	LO2/e	325.254
1753	PD2/d	171.116
1754	IR2/d	139.340
1755	WA0	91.161
1756	PD4/b	171.700
1757	SA2/e	253.167
1758	LO2/d	207.323
1759	JR3/c	70.380
1760	SA5/a	135.613
1761	LO2/c	509.172
1762	PD2/c	543.753
1763	JR3/d	63.264
1764	SA3/c	435.605
1765	WA0	2.358
1766	WA0	0.560
1767	JR6/b	35.931
1768	JR3/c	187.074
1769	WA0	0.940
1770	0	0.007
1771	OS7/a	26.942
1772	PT2/c	129.444
1773	PD3/c	0.584
1774	BR2/c	36.478
1775	JR5/b	72.612
1776	PT2/d	423.315
1777	WA0	4.728
1778	MV3/b	361.780
1779	PT3/c	894.678
1780	IR1/e	322.867
1781	JR2/c	119.598
1782	LO1/e	129.843
1784	WA0	1.232
1785	WA0	0.902
1786	BR2/d	122.206
1787	WA0	0.432
1788	PT2/d	1139.117
1789	WA0	0.975
1790	WA0	1.230
1791	EB3/c	204.800
1792	WA0	44.280
1794	OS7/a	0.703
1796	PD6/a	88.067
1798	WA0	2.000
1799	OS7/a	100.264
1800	EB2/c	148.742

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1801	WA0	1.704
1802	JR2/d	116.560
1803	WA0	0.124
1804	LO1/e	179.853
1805	PD5/a	64.662
1806	BR2/d	236.859
1807	WA0	1.294
1808	WA0	1.399
1809	BR3/c	530.070
1810	LO2/d	3.076
1811	WA0	7.576
1812	SA3/d	104.352
1813	BR2/d	426.911
1814	JR5/d	80.882
1816	IN4/a	1.081
1817	WA0	1.993
1818	LO1/e	1519.132
1819	PD2/d	403.272
1820	BR3/a	0.932
1821	WA0	0.578
1822	SA3/c	44.325
1823	JR4/b	341.780
1824	PT3/c	291.949
1825	SA2/c	120.307
1828	JR2/c	285.324
1829	WA0	0.040
1830	EB2/c	373.811
1832	JR2/c	310.194
1833	GG2/e	17.507
1835	WA0	0.835
1836	IN6/d	129.894
1837	WA0	0.303
1838	JR4/c	26.319
1839	OS7/a	86.469
1840	MV5/a	313.659
1841	GG2/C	164.546
1842	WA0	18.260
1843	PD2/d	320.198
1844	WA0	1.900
1845	WA0	3.520
1846	JR3/e	37.349
1847	CH2/e	227.466
1848	SP2/e	218.897
1849	PT2/c	75.472
1850	GG2/c	16.617

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1851	OS7/a	15.606
1852	PD2/e	291.095
1854	JR5/b	151.213
1857	GG2/e	27.727
1860	IN4/a	2.172
1862	WA0	3.503
1863	WA0	0.074
1864	LO2/b	522.740
1865	WA0	3.004
1866	WA0	1.457
1867	OS7/a	30.742
1868	WA0	3.829
1869	IN3/a	18.608
1870	PT3/c	117.490
1871	BR3/c	289.660
1872	SA4/b	142.822
1874	WA0	0.126
1876	WA0	1.934
1877	LO2/d	383.609
1878	PT1/e	159.697
1879	JR3/a	321.890
1880	JR3/c	242.663
1881	JR3/c	125.334
1882	GG2/d	17.937
1883	JR2/e	490.241
1884	WA0	18.594
1885	PT3/b	141.536
1886	CH2/b	163.331
1887	WA0	23.729
1889	JR1/e	316.473
1891	KI2/c	43.789
1894	LO2/b	157.702
1895	PT2/e	34.280
1896	JR2/d	184.876
1897	LO2/d	558.735
1898	JR3/c	56.907
1900	PT2/c	575.211

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1901	GG2/b	13.885
1906	PD4/b	534.732
1907	WA0	0.115
1909	PT1/e	367.434
1911	SA2/c	0.004
1913	OS7/b	9.541
1917	SA2/c	25.123
1920	WA0	1.978
1921	CH1/e	0.001
1922	PT2/e	0.199
1923	LO2/e	273.173
1927	JR2/c	414.526
1929	HT3/c	1.949
1931	MV4/b	186.010
1932	PD3/c	403.114
1933	LO3/b	860.390
1934	WA0	0.009
1935	LO1/e	154.059
1936	OS7/a	44.078
1937	PD2/d	129.846
1938	PD2/c	189.644
1939	JR5/d	73.800
1940	WA0	0.535
1941	JR5/a	51.063
1942	LO2/c	617.861
1943	WA0	361.411
1944	WA0	2.566
1945	JR5/b	49.239
1946	LO3/c	125.141
1949	IN4/a	6.692
1950	PT2/b	0.149

Table 10: Soil Polygon Attribute File

Polygon Number	Soil Map Unit Symbol	Area (Ha)
1951	PT3/a	34.464
1955	OS7/a	33.546
1960	WA0	8.436
1962	MV2/c	39.452
1963	LO2/d	104.891
1965	WA0	1.246
1966	WA0	13.832
1967	LO1/e	90.759
1968	KN2/d	41.322
1969	OS7/a	97.079
1970	LO2/d	123.447
1971	LO2/c	375.314
1976	WA0	0.865
1979	WA0	0.491
1981	OS7/a	16.823
1982	WA0	0.136
1985	PD2/d	503.058
1986	PD5/a	104.103
1987	PD3/a	414.643
1988	JR5/c	48.197
1989	OS7/a	134.692
1990	LO1/e	74.357
1991	LO1/e	447.227
1992	PD2/d	224.235
1993	WA0	5.266
1994	OS7/a	38.696
1995	WA0	24.846
1996	WA0	18.784
1997	PT2/e	0.621
1998	LO2/d	416.584
1999	KN2/e	26.067
2000	PT2/e	0.690

Polygon Number	Soil Map Unit Symbol	Area (Ha)
2001	PD2/b	332.965
2002	LO3/c	445.257
2003	WA0	0.002
2004	LO2/d	172.230
2005	KN2/d	0.591
2006	OS7/a	0.818
2007	WA0	3.536
2008	WA0	2.333
2009	GG2/d	29.481
2010	WA0	1.811
2011	GG5/a	25.417
2012	GG5/a	1.282
2013	WA0	1.730
2014	GG2/c	37.069
2015	OS7/a	10.505
2016	PD2/b	170.531
2017	JR2/e	2.564
2018	LO2/e	67.348
2019	LO2/d	1.890
2020	OS7/a	1.711
2021	LO2	0.261
2022	LO3/c	55.900
2023	JR2/d	141.938
2024	LO3/b	53.128
2025	GG2/c	33.143
2026	LO2/a	3.867
2027	WA0	0.014
2028	WA0	0.005
2029	WA0	1.635
2030	PD3/c	44.116

Table 11 Soil Map Unit File

Soil Name	Soil Map Unit Symbol	Soil 1				Soil 2				Soil 3			
		Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent
Barrieau-Buctouche	BB3/a	BAB	MW	5.0	80	BAB	W	5.0	10	BAB	I	5.0	10
	BB4/a	BAB	I	5.0	80	BAB	MW	5.0	10	BAB	P	5.0	10
	BB5/a	BAB	P	5.0	80	BAB	I	5.0	10	BAB	VP	5.0	10
Big Bald	BD1/e	BBA	R	46.0	80	BBA	W	46.0	20			0.0	0
Becaguemic	BE2/d	BHG	W	45.0	80	BHG	R	45.0	10	BHG	MW	45.0	10
Britt Brook	BR1/e	BIB	R	46.0	80	BIB	W	46.0	20			46.0	0
	BR2/b	BIB	W	15.0	80	BIB	R	15.0	10	BIB	MW	15.0	10
	BR2/c	BIB	W	30.0	80	BIB	R	30.0	10	BIB	MW	30.0	10
	BR2/d	BIB	W	45.0	80	BIB	R	45.0	10	BIB	MW	45.0	10
	BR2/e	BIB	W	46.0	80	BIB	R	46.0	10	BIB	MW	46.0	10
	BR3/a	BIB	MW	5.0	80	BIB	W	5.0	10	BIB	I	5.0	10
	BR3/b	BIB	MW	15.0	80	BIB	W	15.0	10	BIB	I	15.0	10
	BR3/c	BIB	MW	30.0	80	BIB	W	30.0	10	BIB	I	30.0	10
	BR3/d	BIB	MW	45.0	80	BIB	W	45.0	10	BIB	I	45.0	10
	BR3/e	BIB	MW	46.0	80	BIB	W	46.0	10	BIB	I	46.0	10
	BR4/b	BIB	I	15.0	80	BIB	MW	15.0	10	BIB	P	15.0	10
	BR4/c	BIB	I	30.0	80	BIB	MW	30.0	10	BIB	P	30.0	10
	BR4/e	BIB	I	46.0	80	BIB	MW	46.0	10	BIB	P	46.0	10
	BR5/a	BIB	P	5.0	80	BIB	I	5.0	10	BIB	VP	5.0	10
	BR5/b	BIB	P	15.0	80	BIB	I	15.0	10	BIB	VP	15.0	10
	BR5/c	BIB	P	30.0	80	BIB	I	30.0	10	BIB	VP	30.0	10
	BR5/d	BIB	P	45.0	80	BIB	I	45.0	10	BIB	VP	45.0	10
Cornhill	CH1/e	CHL	R	46.0	80	CHL	W	46.0	15			46.0	15
	CH2/b	CHL	W	15.0	80	CHL	R	15.0	10	CHL	MW	15.0	10
	CH2/c	CHL	W	30.0	80	CHL	R	30.0	10	CHL	MW	30.0	10
	CH2/d	CHL	W	45.0	80	CHL	R	45.0	10	CHL	MW	45.0	10
	CH2/e	CHL	W	46.0	80	CHL	R	46.0	10	CHL	MW	46.0	10
	CH3/a	CHL	MW	5.0	80	CHL	W	5.0	10	CHL	I	5.0	10
	CH3/b	CHL	MW	15.0	80	CHL	W	15.0	10	CHL	I	15.0	10
	CH3/c	CHL	MW	30.0	80	CHL	W	30.0	10	CHL	I	30.0	10
	CH3/d	CHL	MW	45.0	80	CHL	W	45.0	10	CHL	I	45.0	10
	CH3/e	CHL	MW	46.0	80	CHL	W	46.0	10	CHL	I	46.0	10
	CH4/a	CHL	I	5.0	80	CHL	MW	5.0	10	CHL	P	5.0	10
	CH4/b	CHL	I	15.0	80	CHL	MW	15.0	10	CHL	P	15.0	10
	CH4/c	CHL	I	30.0	80	CHL	MW	30.0	10	CHL	P	30.0	10

Table 11 Soil Map Unit File

Soil Name	Soil Map Unit Symbol	Soil 1				Soil 2				Soil 3			
		Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent
Catamaran	CT2/b	CTR	W	15.0	80	CTR	R	15.0	10	CTR	MW	15.0	10
	CT2/c	CTR	W	30.0	80	CTR	R	30.0	10	CTR	MW	30.0	10
	CT3/b	CTR	MW	15.0	80	CTR	W	15.0	10	CTR	I	15.0	10
	CT4/b	CTR	I	15.0	80	CTR	MW	15.0	10	CTR	P	15.0	10
Erb	EB1/b	ERB	R	15.0	80	ERB	W	15.0	10			0.0	0
Settlement	EB2/b	ERB	W	15.0	80	ERB	R	15.0	10	ERB	MW	15.0	10
	EB2/c	ERB	W	30.0	80	ERB	R	30.0	10	ERB	MW	30.0	10
	EB2/d	ERB	W	45.0	80	ERB	R	45.0	10	ERB	MW	45.0	10
	EB3/a	ERB	MW	5.0	80	ERB	W	5.0	10	ERB	I	5.0	10
	EB3/b	ERB	MW	15.0	80	ERB	W	15.0	10	ERB	I	15.0	10
	EB3/c	ERB	MW	30.0	80	ERB	W	30.0	10	ERB	I	30.0	10
	EB4/b	ERB	I	15.0	80	ERB	MW	15.0	10	ERB	P	15.0	10
Fair	FA1/b	FIS	R	15.0	80	FIS	W	15.0	20			0.0	0
Isle	FA2/a	FIS	W	5.0	80	FIS	R	5.0	10	FIS	MW	5.0	10
	FA2/c	FIS	W	30.0	80	FIS	R	30.0	10	FIS	MW	30.0	10
	FA2/d	FIS	W	45.0	80	FIS	R	45.0	15	FIS	MW	45.0	10
Gagetown	GG1/a	GGW	R	5.0	80	GGW	W	5.0	20			0.0	0
	GG1/b	GGW	R	15.0	80	GGW	W	15.0	20			0.0	0
	GG1/c	GGW	R	30.0	80	GGW	W	30.0	20			0.0	0
	GG2/c	GGW	W	30.0	80	GGW	R	30.0	10	GGW	MW	30.0	10
	GG2/a	GGW	W	5.0	80	GGW	R	5.0	10	GGW	MW	5.0	10
	GG2/b	GGW	W	15.0	80	GGW	R	15.0	10	GGW	MW	15.0	10
	GG2/c	GGW	W	30.0	80	GGW	R	30.0	10	GGW	MW	30.0	10
	GG2/d	GGW	W	45.0	80	GGW	R	45.0	10	GGW	MW	45.0	10
	GG2/e	GGW	W	46.0	80	GGW	R	46.0	10	GGW	MW	46.0	10
	GG3/a	GGW	MW	5.0	80	GGW	W	5.0	10	GGW	I	5.0	10
	GG3/b	GGW	MW	15.0	80	GGW	W	15.0	10	GGW	I	15.0	10
	GG3/c	GGW	MW	30.0	80	GGW	W	30.0	10	GGW	I	30.0	10
	GG3/d	GGW	MW	45.0	80	GGW	W	45.0	10	GGW	I	45.0	10
	GG4	GGW	I	-9.0	80	GGW	MW	-9.0	10	GGW	P	-9.0	10
	GG4/a	GGW	I	5.0	80	GGW	MW	5.0	10	GGW	P	5.0	10
	GG4/c	GGW	I	30.0	80	GGW	MW	30.0	10	GGW	P	30.0	10
	GG5/a	GGW	P	5.0	80	GGW	I	5.0	10	GGW	VP	5.0	10

Table 11 Soil Map Unit File

Soil Name	Soil Map Unit Symbol	Soil 1				Soil 2				Soil 3			
		Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent
Harcourt	HT2/a	HOU	W	5.0	80	HOU	R	5.0	10	HOU	MW	5.0	10
	HT2/b	HOU	W	15.0	80	HOU	R	15.0	10	HOU	MW	15.0	10
	HT2/c	HOU	W	30.0	80	HOU	R	30.0	10	HOU	MW	30.0	10
	HT2/d	HOU	W	45.0	80	HOU	R	45.0	10	HOU	MW	45.0	10
	HT3/a	HOU	MW	5.0	80	HOU	W	5.0	10	HOU	I	5.0	10
	HT3/b	HOU	MW	15.0	80	HOU	W	15.0	0	HOU	I	15.0	10
	HT3/c	HOU	MW	30.0	80	HOU	W	30.0	10	HOU	I	30.0	10
	HT3/d	HOU	MW	45.0	80	HOU	W	45.0	10	HOU	I	45.0	10
	HT4/a	HOU	I	5.0	80	HOU	MW	5.0	10	HOU	P	5.0	10
	HT4/b	HOU	I	15.0	80	HOU	MW	15.0	10	HOU	P	15.0	10
	HT4/c	HOU	I	30.0	80	HOU	MW	30.0	10	HOU	P	30.0	10
	HT5/a	HOU	P	5.0	80	HOU	I	5.0	10	HOU	VP	5.0	10
	HT6/a	HOU	VP	5.0	80	HOU	P	5.0	10			5.0	10
Interval	IN3/a	ITV	MW	5.0	80	ITV	W	5.0	10	ITV	I	5.0	10
	IN3/b	ITV	MW	15.0	80	ITV	W	15.0	10	ITV	I	15.0	10
	IN3/c	ITV	MW	30.0	80	ITV	W	30.0	10	ITV	I	30.0	10
	IN3/e	ITV	MW	46.0	80	ITV	W	46.0	10	ITV	I	46.0	10
	IN4	ITV	I	-9.0	80	ITV	MW	-9.0	10	ITV	P	-9.0	10
	IN4/a	ITV	I	5.0	80	ITV	MW	5.0	10	ITV	P	5.0	10
	IN4/b	ITV	I	15.0	80	ITV	MW	15.0	10	ITV	P	15.0	10
	IN5/a	ITV	P	5.0	80	ITV	I	5.0	10	ITV	VP	5.0	10
	IN5/c	ITV	P	30.0	80	ITV	I	30.0	10	ITV	VP	30.0	10
	IN6	ITV	VP	-9.0	80	ITV	P	-9.0	20			0.0	0
	IN6/a	ITV	VP	5.0	80	ITV	P	5.0	20			0.0	0
	IN6/b	ITV	VP	15.0	80	ITV	P	15.0	20			0.0	0
	IN6/d	ITV	VP	45.0	80	ITV	P	45.0	20			0.0	0
Irving	IR1/e	IVG	R	46.0	80	IVG	W	46.0	20			0.0	0
	IR2/b	IVG	W	15.0	80	IVG	R	15.0	10	IVG	MW	15.0	10
	IR2/c	IVG	W	30.0	80	IVG	R	30.0	10	IVG	MW	30.0	10
	IR2/d	IVG	W	45.0	80	IVG	R	45.0	10	IVG	MW	45.0	10
	IR2/e	IVG	W	46.0	80	IVG	R	46.0	10	IVG	MW	46.0	10
	IR3/b	IVG	MW	15.0	80	IVG	W	15.0	10	IVG	I	15.0	10
	IR3/c	IVG	MW	30.0	80	IVG	W	30.0	10	IVG	I	30.0	10
	IR4/b	IVG	I	15.0	80	IVG	MW	15.0	10	IVG	P	15.0	10
	IR5/b	IVG	P	15.0	80	IVG	I	15.0	10	IVG	VP	15.0	10

Table 11 Soil Map Unit File

Soil Name	Soil Map Unit Symbol	Soil 1				Soil 2				Soil 3			
		Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent
Jacquet River	JR1/d	JQV	R	45.0	80	JQV	W	45.0	20			0.0	0
	JR1/e	JQV	R	46.0	80	JQV	W	46.0	20			0.0	0
	JR2/b	JQV	W	15.0	80	JQV	R	15.0	10	JQV	MW	15.0	10
	JR2/c	JQV	W	30.0	80	JQV	R	30.0	10	JQV	MW	30.0	10
	JR2/d	JQV	W	45.0	80	JQV	R	45.0	10	JQV	MW	45.0	10
	JR2/e	JQV	W	46.0	80	JQV	R	46.0	10	JQV	MW	46.0	10
	JR3	JQV	MW	-9.0	80	JQV	W	-9.0	10	JQV	I	-9.0	10
	JR3/a	JQV	MW	5.0	80	JQV	W	5.0	10	JQV	I	5.0	10
	JR3/b	JQV	MW	15.0	80	JQV	W	15.0	10	JQV	I	15.0	10
	JR3/c	JQV	MW	30.0	80	JQV	W	30.0	10	JQV	I	30.0	10
	JR3/d	JQV	MW	45.0	80	JQV	W	45.0	10	JQV	I	45.0	10
	JR3/e	JQV	MW	46.0	80	JQV	W	46.0	10	JQV	I	46.0	10
	JR4/a	JQV	I	5.0	80	JQV	MW	5.0	10	JQV	P	5.0	10
	JR4/b	JQV	I	15.0	80	JQV	MW	15.0	10	JQV	P	15.0	10
	JR4/c	JQV	I	30.0	80	JQV	MW	30.0	10	JQV	P	30.0	10
	JR5/a	JQV	P	5.0	80	JQV	I	5.0	10	JQV	VP	5.0	10
	JR5/b	JQV	P	15.0	80	JQV	I	15.0	10	JQV	VP	15.0	10
	JR5/c	JQV	P	30.0	80	JQV	I	30.0	10	JQV	VP	30.0	10
	JR5/d	JQV	P	45.0	80	JQV	I	45.0	10	JQV	VP	45.0	10
	JR6/a	JQV	VP	5.0	80	JQV	P	5.0	20			0.0	0
	JR6/b	JQV	VP	15.0	80	JQV	P	15.0	20			0.0	0
Juniper	JU2/b	JUP	W	15.0	80	JUP	R	15.0	10	JUP	MW	15.0	10
	JU2/c	JUP	W	30.0	80	JUP	R	30.0	10	JUP	MW	30.0	10
	JU2/d	JUP	W	45.0	80	JUP	R	45.0	10	JUP	MW	45.0	10
	JU2/e	JUP	W	46.0	80	JUP	R	46.0	10	JUP	MW	46.0	10
	JU3/a	JUP	MW	5.0	80	JUP	W	5.0	10	JUP	I	5.0	10
	JU3/b	JUP	MW	15.0	80	JUP	W	15.0	10	JUP	I	15.0	10
	JU3/c	JUP	MW	30.0	80	JUP	W	30.0	10	JUP	I	30.0	10
	JU3/d	JUP	MW	45.0	80	JUP	W	45.0	10	JUP	I	45.0	10
	JU4/a	JUP	I	5.0	80	JUP	MW	5.0	10	JUP	P	5.0	10
	JU4/b	JUP	I	15.0	80	JUP	MW	15.0	10	JUP	P	15.0	10
	JU4/c	JUP	I	30.0	80	JUP	MW	30.0	10	JUP	P	30.0	10
	JU5/a	JUP	P	5.0	80	JUP	I	5.0	10	JUP	VP	5.0	10
	JU5/b	JUP	P	15.0	80	JUP	I	15.0	10	JUP	VP	15.0	10

Table 11 Soil Map Unit File

Soil Name	Soil Map Unit Symbol	Soil 1				Soil 2				Soil 3			
		Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent
Kingston	KI2/b	KGT	W	15.0	80	KGT	R	15.0	10	KGT	MW	15.0	10
	KI2/c	KGT	W	30.0	80	KGT	R	30.0	10	KGT	MW	30.0	10
	KI3/a	KGT	MW	5.0	80	KGT	W	5.0	10	KGT	I	5.0	10
	KI3/b	KGT	MW	15.0	80	KGT	W	15.0	10	KGT	I	15.0	10
	KN2/a	KGT	W	5.0	80	KGT	R	5.0	10	KGT	MW	5.0	10
	KN2/b	KGT	W	15.0	80	KGT	R	15.0	10	KGT	MW	15.0	10
	KN2/c	KGT	W	30.0	80	KGT	R	30.0	10	KGT	MW	30.0	10
	KN2/d	KGT	W	45.0	80	KGT	R	45.0	10	KGT	MW	45.0	10
	KN2/e	KGT	W	46.0	80	KGT	R	46.0	10	KGT	MW	46.0	10
	KN3/a	KGT	MW	5.0	80	KGT	W	5.0	10	KGT	I	5.0	10
	KN3/b	KGT	MW	15.0	80	KGT	W	15.0	10	KGT	I	15.0	10
	KN3/c	KGT	MW	30.0	80	KGT	W	30.0	10	KGT	I	30.0	10
	KN3/d	KGT	MW	45.0	80	KGT	W	45.0	10	KGT	I	45.0	10
	KN4/a	KGT	I	5.0	80	KGT	MW	5.0	10	KGT	P	5.0	10
	KN4/b	KGT	I	15.0	80	KGT	MW	15.0	10	KGT	P	15.0	10
	KN5/a	KGT	P	5.0	80	KGT	I	5.0	10	KGT	VP	5.0	10
Long Lake	LL2/a	LGK	W	5.0	80	LGK	R	5.0	10	LGK	MW	5.0	10
	LL2/b	LGK	W	15.0	80	LGK	R	15.0	10	LGK	MW	15.0	10
	LL2/c	LGK	W	30.0	80	LGK	R	30.0	10	LGK	MW	30.0	10
	LL2/d	LGK	W	45.0	80	LGK	R	45.0	10	LGK	MW	45.0	10
	LL2/e	LGK	W	46.0	80	LGK	R	46.0	10	LGK	MW	46.0	10
	LL3/a	LGK	MW	5.0	80	LGK	W	5.0	10	LGK	I	5.0	10
	LL3/b	LGK	MW	15.0	80	LGK	W	15.0	10	LGK	I	15.0	10
	LL3/c	LGK	MW	30.0	80	LGK	W	30.0	10	LGK	I	30.0	10
	LL3/d	LGK	MW	45.0	80	LGK	W	45.0	10	LGK	I	45.0	10
	LL3/e	LGK	MW	46.0	80	LGK	W	46.0	15	LGK	I	46.0	10
	LL4/b	LGK	I	15.0	80	LGK	MW	15.0	10	LGK	P	15.0	10
	LL4/c	LGK	I	15.0	80	LGK	MW	15.0	10	LGK	P	15.0	10
	LL4/d	LGK	I	45.0	80	LGK	MW	45.0	10	LGK	P	45.0	10

Table 11 Soil Map Unit File

Soil Name	Soil Map Unit Symbol	Soil 1				Soil 2				Soil 3			
		Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent
Lomond	LO1/b	LMD	R	15.0	80	LMD	W	15.0	20			0.0	0
	LO1/e	LMD	R	46.0	80	LMD	W	46.0	20			0.0	0
	LO2	LMD	W	-9.0	80	LMD	R	-9.0	10	LMD	MW	-9.0	10
	LO2/a	LMD	W	5.0	80	LMD	R	5.0	10	LMD	MW	5.0	10
	LO2/b	LMD	W	15.0	80	LMD	R	15.0	10	LMD	MW	15.0	10
	LO2/c	LMD	W	30.0	80	LMD	R	30.0	10	LMD	MW	30.0	10
	LO2/d	LMD	W	45.0	80	LMD	R	45.0	10	LMD	MW	45.0	10
	LO2/e	LMD	W	46.0	80	LMD	R	46.0	10	LMD	MW	46.0	10
	LO3/a	LMD	MW	5.0	80	LMD	W	5.0	10	LMD	I	5.0	10
	LO3/b	LMD	MW	15.0	80	LMD	W	15.0	10	LMD	I	15.0	10
	LO3/c	LMD	MW	30.0	80	LMD	W	30.0	10	LMD	I	30.0	10
	LO3/d	LMD	MW	45.0	80	LMD	W	45.0	10	LMD	I	45.0	10
	LO4/a	LMD	I	5.0	80	LMD	MW	5.0	10	LMD	P	5.0	10
	LO4/b	LMD	I	15.0	80	LMD	MW	15.0	10	LMD	P	15.0	10
	LO4/c	LMD	I	30.0	80	LMD	MW	30.0	10	LMD	P	30.0	10
Mafic	MV1/e	MVC	R	46.0	80	MVC	W	46.0	20			0.0	0
Volcanic	MV2/c	MVC	W	30.0	80	MVC	R	30.0	10	MVC	MW	30.0	10
	MV2/d	MVC	W	45.0	80	MVC	R	459.0	10	MVC	MW	45.0	10
	MV2/e	MVC	W	46.0	80	MVC	R	46.0	10	MVC	MW	46.0	10
	MV3/b	MVC	MW	15.0	80	MVC	W	15.0	10	MVC	I	15.0	10
	MV4/b	MVC	I	15.0	80	MVC	MW	15.0	10	MVC	P	15.0	10
	MV5/a	MVC	P	5.0	80	MVC	I	5.0	10	MVC	VP	5.0	10
Organic	OS7/a	ZOG	VP	5.0	100			0.0	0			0.0	0
	OS7/b	ZOG	VP	15.0	100			0.0	0			0.0	0

Table 11 Soil Map Unit File

Soil Name	Soil Map Unit Symbol	Soil 1				Soil 2				Soil 3			
		Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent
Popple Depot	PD2/b	POP	W	15.0	80	POP	R	15.0	10	POP	MW	15.0	10
	PD2/c	POP	W	30.0	80	POP	R	30.0	10	POP	MW	30.0	10
	PD2/d	POP	W	45.0	80	POP	R	45.0	10	POP	MW	45.0	10
	PD2/e	POP	W	46.0	80	POP	R	46.0	10	POP	MW	46.0	10
	PD3/a	POP	MW	5.0	80	POP	W	5.0	10	POP	I	5.0	10
	PD3/b	POP	MW	15.0	80	POP	W	15.0	10	POP	I	15.0	10
	PD3/c	POP	MW	30.0	80	POP	W	30.0	10	POP	I	30.0	10
	PD3/d	POP	MW	45.0	80	POP	W	45.0	10	POP	I	45.0	10
	PD3/e	POP	MW	46.0	80	POP	W	46.0	10	POP	I	46.0	10
	PD4/a	POP	I	5.0	80	POP	MW	5.0	10	POP	P	5.0	10
	PD4/b	POP	I	15.0	80	POP	MW	15.0	10	POP	P	15.0	10
	PD4/c	POP	I	30.0	80	POP	MW	30.0	10	POP	P	30.0	10
	PD5/a	POP	P	5.0	80	POP	I	5.0	10	POP	VP	5.0	10
	PD5/b	POP	P	15.0	80	POP	I	15.0	10	POP	VP	15.0	10
	PD6/a	POP	VP	5.0	80	POP	P	5.0	20			0.0	0
Pinder	PI2/c	PND	W	30.0	80	PND	R	30.0	10	PND	MW	30.0	10
Parry	PR1/d	PRY	R	45.0	80	PRY	W	45.0	20			0.0	0
	PR2	PRY	W	-9.0	80	PRY	R	-9.0	10	PRY	MW	-9.0	10
	PR2/a	PRY	W	5.0	80	PRY	R	5.0	10	PRY	MW	5.0	10
	PR2/b	PRY	W	15.0	80	PRY	R	15.0	10	PRY	MW	15.0	10
	PR2/c	PRY	W	30.0	80	PRY	R	30.0	10	PRY	MW	30.0	10
	PR2/d	PRY	W	45.0	80	PRY	R	45.0	10	PRY	MW	45.0	10
	PR2/e	PRY	W	46.0	80	PRY	R	46.0	10	PRY	MW	46.0	10
	PR3/a	PRY	MW	5.0	80	PRY	W	5.0	10	PRY	I	5.0	10
	PR3/b	PRY	MW	15.0	80	PRY	W	15.0	10	PRY	I	15.0	10
	PR3/c	PRY	MW	30.0	80	PRY	W	30.0	10	PRY	I	30.0	10
	PR3/d	PRY	MW	45.0	80	PRY	W	45.0	10	PRY	I	45.0	10
	PR4/a	PRY	I	5.0	80	PRY	MW	5.0	10	PRY	P	5.0	10
	PR4/b	PRY	I	15.0	80	PRY	MW	15.0	10	PRY	P	15.0	10
	PR4/c	PRY	I	30.0	80	PRY	MW	30.0	10	PRY	P	30.0	10
	PR4/d	PRY	I	45.0	80	PRY	MW	45.0	10	PRY	P	45.0	10
	PR5/a	PRY	P	5.0	80	PRY	I	5.0	10	PRY	VP	5.0	10
	PR5/b	PRY	P	15.0	80	PRY	I	15.0	10	PRY	VP	15.0	10
	PR5/d	PRY	P	45.0	80	PRY	I	45.0	10	PRY	VP	45.0	10

Table 11 Soil Map Unit File

Soil Name	Soil Map Unit Symbol	Soil 1				Soil 2				Soil 3			
		Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent
Parleeville-Tobique	PT1/d	PVT	R	45.0	80	PVT	W	45.0	20			0.0	0
	PT1/e	PVT	R	46.0	80	PVT	W	46.0	20			0.0	0
	PT2/a	PVT	W	5.0	80	PVT	R	5.0	10	PVT	MW	5.0	10
	PT2/b	PVT	W	15.0	80	PVT	R	15.0	10	PVT	MW	15.0	10
	PT2/c	PVT	W	30.0	80	PVT	R	30.0	10	PVT	MW	30.0	10
	PT2/d	PVT	W	45.0	80	PVT	R	45.0	10	PVT	MW	45.0	10
	PT2/e	PVT	W	46.0	80	PVT	R	46.0	10	PVT	MW	46.0	10
	PT3/a	PVT	MW	5.0	80	PVT	W	5.0	10	PVT	I	5.0	10
	PT3/b	PVT	MW	15.0	80	PVT	W	15.0	10	PVT	I	15.0	10
	PT3/c	PVT	MW	30.0	80	PVT	W	30.0	10	PVT	I	30.0	10
	PT3/d	PVT	MW	45.0	80	PVT	W	45.0	10	PVT	I	45.0	10
	PT3/e	PVT	MW	46.0	80	PVT	W	46.0	10	PVT	I	46.0	10
	PT4/a	PVT	I	5.0	80	PVT	MW	5.0	10	PVT	P	5.0	10
	PT4/b	PVT	I	15.0	80	PVT	MW	15.0	10	PVT	P	15.0	10
	PT4/c	PVT	I	30.0	80	PVT	MW	30.0	10	PVT	P	30.0	10
	PT4/d	PVT	I	45.0	80	PVT	MW	45.0	10	PVT	P	45.0	10
	PT5/a	PVT	P	5.0	80	PVT	I	5.0	10	PVT	VP	5.0	10
	PT5/b	PVT	P	15.0	80	PVT	I	15.0	10	PVT	VP	15.0	10
	PT5/c	PVT	P	30.0	80	PVT	I	30.0	10	PVT	VP	30.0	10
	PT5/d	PVT	P	45.0	80	PVT	I	45.0	10	PVT	VP	45.0	10
Reece	RE2/a	REC	W	5.0	80	REC	R	5.0	10	REC	MW	5.0	10
	RE2/b	REC	W	15.0	80	REC	R	15.0	10	REC	MW	15.0	10
	RE2/c	REC	W	30.0	80	REC	R	30.0	10	REC	MW	30.0	10
	RE2/d	REC	W	45.0	80	REC	R	45.0	10	REC	MW	45.0	10
	RE3/a	REC	MW	5.0	80	REC	W	5.0	10	REC	I	5.0	10
	RE3/b	REC	MW	15.0	80	REC	W	15.0	10	REC	I	15.0	10
	RE3/c	REC	MW	30.0	80	REC	W	30.0	10	REC	I	30.0	10
	RE4/a	REC	I	5.0	80	REC	MW	5.0	10	REC	P	5.0	10
	RE4/b	REC	I	15.0	80	REC	MW	15.0	10	REC	P	15.0	10
	RE5/a	REC	P	5.0	80	REC	I	5.0	10	REC	VP	5.0	10
	RE5/b	REC	P	15.0	80	REC	I	15.0	10	REC	VP	15.0	10
	RE6/a	REC	VP	5.0	80	REC	P	5.0	20			0.0	0

Table 11 Soil Map Unit File

Soil Name	Soil Map Unit Symbol	Soil 1				Soil 2				Soil 3			
		Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent
Riverbank	RI2	RVK	W	-9.0	80	RVK	R	-9.0	10	RVK	MW	-9.0	10
	RI2/a	RVK	W	5.0	80	RVK	R	5.0	10	RVK	MW	5.0	10
	RI2/b	RVK	W	15.0	80	RVK	R	15.0	10	RVK	MW	15.0	10
	RI2/c	RVK	W	30.0	80	RVK	R	30.0	10	RVK	MW	30.0	10
	RI2/d	RVK	W	45.0	80	RVK	R	45.0	10	RVK	MW	45.0	10
	RI3/a	RVK	MW	5.0	80	RVK	W	5.0	10	RVK	I	5.0	10
	RI3/b	RVK	MW	15.0	80	RVK	W	15.0	10	RVK	I	15.0	10
	RI3/c	RVK	MW	30.0	80	RVK	W	30.0	10	RVK	I	30.0	10
	RI4/a	RVK	I	5.0	80	RVK	MW	5.0	10	RVK	P	5.0	10
	RI4/b	RVK	I	15.0	80	RVK	MW	15.0	10	RVK	P	15.0	10
	RI5/a	RVK	P	5.0	80	RVK	I	5.0	10	RVK	VP	5.0	10
Sunbury	SA2/a	SUY	W	5.0	80	SUY	R	5.0	10	SUY	MW	5.0	10
	SA2/b	SUY	W	15.0	80	SUY	R	159.0	10	SUY	MW	15.0	10
	SA2/c	SUY	W	30.0	80	SUY	R	30.0	10	SUY	MW	30.0	10
	SA2/d	SUY	W	45.0	80	SUY	R	45.0	10	SUY	MW	45.0	10
	SA2/e	SUY	W	46.0	80	SUY	R	46.0	10	SUY	MW	46.0	10
	SA3/a	SUY	MW	5.0	80	SUY	W	5.0	10	SUY	I	5.0	10
	SA3/b	SUY	MW	15.0	80	SUY	W	15.0	15	SUY	I	15.0	15
	SA3/c	SUY	MW	30.0	80	SUY	W	30.0	10	SUY	I	30.0	10
	SA3/d	SUY	MW	45.0	80	SUY	W	45.0	10	SUY	I	45.0	10
	SA3/e	SUY	MW	46.0	80	SUY	W	46.0	10	SUY	I	46.0	10
	SA4/a	SUY	I	5.0	80	SUY	MW	5.0	10	SUY	P	5.0	10
	SA4/b	SUY	I	15.0	80	SUY	MW	15.0	10	SUY	P	15.0	10
	SA4/c	SUY	I	30.0	80	SUY	MW	30.0	10	SUY	P	30.0	10
	SA4/e	SUY	I	46.0	80	SUY	MW	46.0	10	SUY	P	46.0	10
	SA5/a	SUY	P	5.0	80	SUY	I	5.0	10	SUY	VP	5.0	10
	SA5/b	SUY	P	15.0	80	SUY	I	15.0	10	SUY	VP	15.0	10
	SA5/c	SUY	P	30.0	80	SUY	I	30.0	10	SUY	VP	30.0	10
	SA6/a	SUY	VP	5.0	80	SUY	P	5.0	20			0.0	0

Table 11 Soil Map Unit File

Soil Name	Soil Map Unit Symbol	Soil 1				Soil 2				Soil 3			
		Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent
Stony Brook	SB2/a	SNB	W	5.0	80	SNB	R	5.0	10	SNB	MW	5.0	10
	SB2/b	SNB	W	15.0	80	SNB	R	15.0	10	SNB	MW	15.0	10
	SB2/c	SNB	W	30.0	80	SNB	R	30.0	10	SNB	MW	30.0	10
	SB2/d	SNB	W	45.0	80	SNB	R	45.0	10	SNB	MW	45.0	10
	SB3/a	SNB	MW	5.0	80	SNB	W	5.0	10	SNB	I	5.0	10
	SB3/b	SNB	MW	15.0	80	SNB	W	15.0	10	SNB	I	15.0	10
	SB3/c	SNB	MW	30.0	80	SNB	W	30.0	10	SNB	I	30.0	10
	SB3/d	SNB	MW	45.0	80	SNB	W	45.0	10	SNB	I	45.0	10
	SB4/a	SNB	I	5.0	80	SNB	MW	5.0	10	SNB	P	5.0	10
	SB4/b	SNB	I	15.0	80	SNB	MW	15.0	10	SNB	P	15.0	10
	SB5/a	SNB	P	5.0	80	SNB	I	5.0	10	SNB	VP	5.0	10
	SB5/b	SNB	P	15.0	80	SNB	I	15.0	10	SNB	VP	15.0	10
	SB5/c	SNB	P	30.0	80	SNB	I	30.0	10	SNB	VP	30.0	10
	SB6/a	SNB	VP	5.0	80	SNB	P	5.0	20			0.0	0
	SB6/b	SNB	VP	15.0	80	SNB	P	15.0	20			0.0	0
Salisbury	SN1/c	SBY	R	30.0	80	SBY	W	30.0	20			0.0	0
	SN1/d	SBY	R	45.0	80	SBY	W	45.0	20			0.0	0
	SN1/e	SBY	R	46.0	80	SBY	W	46.0	20			0.0	0
	SN2/a	SBY	W	5.0	80	SBY	R	5.0	10	SBY	MW	5.0	10
	SN2/b	SBY	W	15.0	80	SBY	R	15.0	10	SBY	MW	15.0	10
	SN2/c	SBY	W	30.0	80	SBY	R	30.0	10	SBY	MW	30.0	10
	SN2/d	SBY	W	45.0	80	SBY	R	45.0	10	SBY	MW	45.0	10
	SN2/e	SBY	W	46.0	80	SBY	R	46.0	10	SBY	MW	46.0	10
	SN3/a	SBY	MW	5.0	80	SBY	W	5.0	10	SBY	I	5.0	10
	SN3/b	SBY	MW	15.0	80	SBY	W	15.0	10	SBY	I	15.0	10
	SN3/c	SBY	MW	30.0	80	SBY	W	30.0	10	SBY	I	30.0	10
	SN4/a	SBY	I	5.0	80	SBY	MW	5.0	10	SBY	P	5.0	10
	SN5/a	SBY	P	5.0	80	SBY	I	5.0	10	SBY	VP	5.0	10
Serpentine	SP2/e	SET	W	467.0	80	SET	R	46.0	10	SET	MW	46.0	10

Table 11 Soil Map Unit File

Soil Name	Soil Map Unit Symbol	Soil 1				Soil 2				Soil 3			
		Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent	Code	Drainage	Slope	Extent
Salt Springs	SS2/b	SAP	W	15.0	80	SAP	R	15.0	10	SAP	MW	15.0	10
	SS2/c	SAP	W	30.0	80	SAP	R	30.0	10	SAP	MW	30.0	10
	SS2/d	SAP	W	45.0	80	SAP	R	45.0	10	SAP	MW	45.0	10
	SS2/e	SAP	W	46.0	80	SAP	R	46.0	10	SAP	MW	46.0	10
	SS3/a	SAP	MW	5.0	80	SAP	W	5.0	10	SAP	I	5.0	10
	SS3/b	SAP	MW	15.0	80	SAP	W	15.0	10	SAP	I	15.0	10
	SS3/c	SAP	MW	30.0	80	SAP	W	30.0	10	SAP	I	30.0	10
	SS3/d	SAP	MW	45.0	80	SAP	W	45.0	10	SAP	I	45.0	10
	SS4/a	SAP	I	5.0	80	SAP	MW	5.0	10	SAP	P	5.0	10
	SS4/b	SAP	I	15.0	80	SAP	MW	15.0	10	SAP	P	15.0	10
	SS4/c	SAP	I	30.0	80	SAP	MW	30.0	10	SAP	P	30.0	10
	SS5/a	SAP	P	5.0	80	SAP	I	5.0	10	SAP	VP	5.0	10
	SS5/b	SAP	P	15.0	80	SAP	I	15.0	10	SAP	VP	15.0	10
	SS6/b	SAP	VP	15.0	80	SAP	P	15.0	20			0.0	0
Tracadie	TD4/a	TCD	I	5.0	80	TCD	MW	5.0	10	TCD	P	5.0	10
Tetagouche	TT3/c	TGC	MW	30.0	80	TGC	W	30.0	10	TGC	I	30.0	10
Tuadook	TU2/b	TDO	W	15.0	80	TDO	R	15.0	10	TDO	MW	15.0	10
	TU2/c	TDO	W	30.0	80	TDO	R	30.0	10	TDO	MW	30.0	10
	TU3/b	TDO	MW	15.0	80	TDO	W	15.0	10	TDO	I	15.0	10
	TU4/b	TDO	I	15.0	80	TDO	MW	15.0	10	TDO	P	15.0	10
Water	WA0	ZZ		-9.0				0.0				0.0	

Table 12: Soil Name File

Soil Name	Soil Map Symbol	Soil Code	Soil Kind	Water Table	Root Restriction		Soil Drainage	Mode of Depo.		Soil Classification		
					Layer	Type		P.M. 1	P.M. 2	Order	Great-group	Sub-group
BARRIEAU-BUCTOUCHE	BB	BAB	M	YG	5	CT	I	MARI	TILL	PZ	HFP	GL
BARRIEAU-BUCTOUCHE	BB	BAB	M	YU	5	CT	MW	MARI	TILL	PZ	HFP	O
BARRIEAU-BUCTOUCHE	BB	BAB	M	YG	4	CT	P	MARI	TILL	GL	G	O
BARRIEAU-BUCTOUCHE	BB	BAB	M	YB	4	CT	VP	MARI	TILL	GL	G	O
BARRIEAU-BUCTOUCHE	BB	BAB	M	NO	5	CT	W	MARI	TILL	PZ	HFP	O
BIG BALD	BD	BBA	M	NO	4	UN	R	RESD	-	PZ	HFP	O
BIG BALD	BD	BBA	M	NO	5	UN	W	RESD	-	PZ	HFP	O
BECAGUIMEC	BE	BHG	M	YU	0	-	MW	TILL	-	PZ	HFP	O
BECAGUIMEC	BE	BHG	M	NO	0	-	R	TILL	-	PZ	HFP	O
BECAGUIMEC	BE	BHG	M	NO	0	-	W	TILL	-	PZ	HFP	O
BRITT BROOK	BR	BIB	M	YG	0	-	I	COLL	-	PZ	HFP	O
BRITT BROOK	BR	BIB	M	YU	0	-	MW	COLL	-	PZ	FHP	O
BRITT BROOK	BR	BIB	M	YG	0	-	P	COLL	-	PZ	HFP	GL
BRITT BROOK	BR	BIB	M	NO	0	-	R	COLL	-	PZ	FHP	O
BRITT BROOK	BR	BIB	M	YB	0	-	VP	COLL	-	GL	G	O
BRITT BROOK	BR	BIB	M	NO	0	-	W	COLL	-	PZ	FHP	O
CORNHILL	CH	CHL	M	YG	-	UN	I	TILL	RESD	GL	G	O
CORNHILL	CH	CHL	M	YU	5	UN	MW	TILL	RESD	PZ	HFP	O
CORNHILL	CH	CHL	M	YG	-	UN	P	TILL	RESD	GL	G	O
CORNHILL	CH	CHL	M	NO	5	UN	R	TILL	RESD	PZ	HFP	O
CORNHILL	CH	CHL	M	NO	5	UN	W	TILL	RESD	PZ	HFP	O
CATAMARAN	CT	CTR	M	YG	6	CT	I	TILL	-	GL	G	O
CATAMARAN	CT	CTR	M	YU	6	CT	MW	TILL	-	PZ	HFP	O
CATAMARAN	CT	CTR	M	YG	5	CT	P	TILL	-	GL	G	O
CATAMARAN	CT	CTR	M	NO	6	CT	R	TILL	-	PZ	HFP	O
CATAMARAN	CT	CTR	M	NO	6	CT	W	TILL	-	PZ	HFP	O
ERB SETTLEMENT	EB	ERB	M	YG	6	CT	I	TILL	-	GL	G	O
ERB SETTLEMENT	EB	ERB	M	YU	0	-	MW	TILL	-	PZ	HFP	O
ERB SETTLEMENT	EB	ERB	M	YG	5	CT	P	TILL	-	GL	G	O
ERB SETTLEMENT	EB	ERB	M	NO	0	-	R	TILL	-	PZ	HFP	O
ERB SETTLEMENT	EB	ERB	M	NO	0	-	W	TILL	-	PZ	HFP	O
FAIR ISLE	FA	FIS	M	YU	6	UN	MW	TILL	-	PZ	HFP	O
FAIR ISLE	FA	FIS	M	NO	6	UN	R	TILL	-	PZ	HFP	O
FAIR ISLE	FA	FIS	M	NO	6	UN	W	TILL	-	PZ	HFP	O

Table 12: Soil Name File

Soil Name	Soil Map Symbol	Soil Code	Soil Kind	Water Table	Root Restriction		Soil Drainage	Mode of Depo.		Soil Classification		
					Layer	Type		P.M. 1	P.M. 2	Order	Great-group	Sub-group
GAGETOWN	GG	GGW	M	YG	0	-	I	GLFL	-	PZ	HFP	GL
GAGETOWN	GG	GGW	M	YU	0	-	MW	GLFL	-	PZ	HFP	O
GAGETOWN	GG	GGW	M	YG	0	-	P	GLFL	-	GL	G	O
GAGETOWN	GG	GGW	M	NO	0	-	R	GLFL	-	PZ	HFP	O
GAGETOWN	GG	GGW	M	YB	0	-	VP	GLFL	-	GL	G	O
GAGETOWN	GG	GGW	M	NO	0	-	W	GLFL	-	PZ	HFP	O
HARCOURT	HT	HOU	M	YG	5	CT	I	TILL	TILL	LU	GL	GLPZ
HARCOURT	HT	HOU	M	YU	5	CT	MW	TILL	TILL	LU	GL	PZ
HARCOURT	HT	HOU	M	YG	5	CT	P	TILL	TILL	GL	LG	O
HARCOURT	HT	HOU	M	NO	5	CT	R	TILL	TILL	LU	GL	PZ
HARCOURT	HT	HOU	M	YB	5	CT	VP	TILL	TILL	GL	LG	O
HARCOURT	HT	HOU	M	NO	5	CT	W	TILL	TILL	LU	GL	PZ
INTERVAL	IN	ITV	M	YB	0	-	I	FLUV	-	RG	R	GL
INTERVAL	IN	ITV	M	YB	0	-	MW	FLUV	-	RG	R	O
INTERVAL	IN	ITV	M	YB	0	-	P	FLUV	-	GL	G	R
INTERVAL	IN	ITV	M	YB	0	-	VP	FLUV	-	GL	HG	R
INTERVAL	IN	ITV	M	YG	0	-	W	FLUV	-	RG	R	O
IRVING	IR	IVG	M	YG	5	UN	I	TILL	-	PZ	HFP	GL
IRVING	IR	IVG	M	YU	6	UN	MW	TILL	-	PZ	HFP	O
IRVING	IR	IVG	M	YG	5	UN	P	TILL	-	GL	G	O
IRVING	IR	IVG	M	NO	6	UN	R	TILL	-	PZ	HFP	O
IRVING	IR	IVG	M	YB	5	UN	VP	TILL	-	GL	G	O
IRVING	IR	IVG	M	NO	6	UN	W	TILL	-	PZ	HFP	O
JACQUET RIVER	JR	JQV	M	YG	-	UN	I	TILL	RESD	PZ	HFP	O
JACQUET RIVER	JR	JQV	M	YU	5	UN	MW	TILL	RESD	PZ	HFP	O
JACQUET RIVER	JR	JQV	M	YG	-	UN	P	TILL	RESD	PZ	HFP	O
JACQUET RIVER	JR	JQV	M	NO	5	UN	R	TILL	RESD	PZ	HFP	O
JACQUET RIVER	JR	JQV	M	YB	-	UN	VP	TILL	RESD	PZ	HFP	O
JACQUET RIVER	JR	JQV	M	NO	5	UN	W	TILL	RESD	PZ	HFP	O
JUNIPER	JU	JUP	M	YG	0	-	I	TILL	-	PZ	HFP	GL
JUNIPER	JU	JUP	M	YU	0	-	MW	TILL	-	PZ	HFP	O
JUNIPER	JU	JUP	M	YG	0	-	P	TILL	-	GL	G	O
JUNIPER	JU	JUP	M	NO	0	-	R	TILL	-	PZ	HFP	O
JUNIPER	JU	JUP	M	YB	0	-	VP	TILL	-	GL	G	O
JUNIPER	JU	JUP	M	NO	0	-	W	TILL	-	PZ	HFP	O

Table 12: Soil Name File

Soil Name	Soil Map Symbol	Soil Code	Soil Kind	Water Table	Root Restriction		Soil Drainage	Mode of Depo.		Soil Classification		
					Layer	Type		P.M. 1	P.M. 2	Order	Great-group	Sub-group
KINGSTON	KI	KGT	M	YG	6	LI	I	TILL	-	PZ	HFP	GL
KINGSTON	KI	KGT	M	YU	6	LI	MW	TILL	-	PZ	HFP	O
KINGSTON	KI	KGT	M	YG	5	UN	P	TILL	-	GL	G	O
KINGSTON	KI	KGT	M	NO	5	UN	R	TILL	-	PZ	HFP	O
KINGSTON	KI	KGT	M	YB	6	UN	VP	TILL	-	GL	G	O
KINGSTON	KI	KGT	M	NO	6	LI	W	TILL	-	PZ	HFP	O
LONG LAKE	LL	LGK	M	YG	4	CT	I	TILL	-	PZ	HFP	GL
LONG LAKE	LL	LGK	M	YU	6	CT	MW	TILL	-	PZ	HFP	O
LONG LAKE	LL	LGK	M	YG	6	CT	P	TILL	-	GL	G	O
LONG LAKE	LL	LGK	M	NO	6	CT	R	TILL	-	PZ	HFP	O
LONG LAKE	LL	LGK	M	NO	6	CT	W	TILL	-	PZ	HFP	O
LOMOND	LO	LMD	M	YG	6	LI	I	TILL	-	PZ	HFP	GL
LOMOND	LO	LMD	M	YU	6	LI	MW	TILL	-	PZ	HFP	O
LOMOND	LO	LMD	M	YG	5	UN	P	TILL	-	GL	G	O
LOMOND	LO	LMD	M	NO	6	LI	R	TILL	-	PZ	HFP	O
LOMOND	LO	LMD	M	NO	6	LI	W	TILL	-	PZ	HFP	O
MAFIC VOLCANIC	MV	MVC	M	YG	-	-	I	TILL	-	PZ	HFP	GL
MAFIC VOLCANIC	MV	MVC	M	YU	-	-	MW	TILL	-	PZ	HFP	O
MAFIC VOLCANIC	MV	MVC	M	YG	-	-	P	TILL	-	GL	G	O
MAFIC VOLCANIC	MV	MVC	M	NO	-	-	R	TILL	-	PZ	HFP	O
MAFIC VOLCANIC	MV	MVC	M	YB	-	-	VP	TILL	-	GL	G	O
MAFIC VOLCANIC	MV	MVC	M	NO	-	-	W	TILL	-	PZ	HFP	O
PINDER	PI	PND	M	YU	6	UN	MW	TILL	-	PZ	HFP	O
PINDER	PI	PND	M	NO	6	UN	R	TILL	-	PZ	HFP	O
PINDER	PI	PND	M	NO	6	UN	W	TILL	-	PZ	HFP	O
POPPLE DEPOT	PD	POP	M	YG	6	CT	I	TILL	-	PZ	HFP	GL
POPPLE DEPOT	PD	POP	M	YU	6	CT	MW	TILL	-	PZ	HFP	O
POPPLE DEPOT	PD	POP	M	YG	5	CT	P	TILL	-	GL	G	O
POPPLE DEPOT	PD	POP	M	NO	6	CT	R	TILL	-	PZ	HFP	O
POPPLE DEPOT	PD	POP	M	YB	5	CT	VP	TILL	-	GL	G	O
POPPLE DEPOT	PD	POP	M	NO	6	CT	W	TILL	-	PZ	HFP	O

Table 12: Soil Name File

Soil Name	Soil Map Symbol	Soil Code	Soil Kind	Water Table	Root Restriction		Soil Drainage	Mode of Depo.		Soil Classification		
					Layer	Type		P.M. 1	P.M. 2	Order	Great-group	Sub-group
PARRY	PR	PRY	M	YG	-	CT	I	TILL	-	LU	GL	GLPZ
PARRY	PR	PRY	M	YU	5	CT	MW	TILL	-	PZ	HFP	O
PARRY	PR	PRY	M	YG	-	CT	P	TILL	-	GL	LG	HU
PARRY	PR	PRY	M	NO	5	CT	R	TILL	-	PZ	HFP	O
PARRY	PR	PRY	M	YB	-	CT	VP	TILL	-	GL	LG	O
PARRY	PR	PRY	M	NO	5	CT	W	TILL	-	PZ	HFP	O
PARLEEVILLE-TOBIQUE	PT	PVT	M	YG	6	LI	I	TILL	RESD	PZ	HFP	GL
PARLEEVILLE-TOBIQUE	PT	PVT	M	YU	6	LI	MW	TILL	RESD	PZ	HFP	O
PARLEEVILLE-TOBIQUE	PT	PVT	M	YG	-	LI	P	TILL	RESD	GL	G	O
PARLEEVILLE-TOBIQUE	PT	PVT	M	NO	6	LI	R	TILL	RESD	PZ	HFP	O
PARLEEVILLE-TOBIQUE	PT	PVT	M	YB	-	LI	VP	TILL	RESD	GL	G	O
PARLEEVILLE-TOBIQUE	PT	PVT	M	NO	6	LI	W	TILL	RESD	PZ	HFP	O
REECE	RE	REC	M	YB	5	FP	I	TILL	-	PZ	HFP	GL
REECE	RE	REC	M	YU	5	FP	MW	TILL	-	PZ	HFP	FR
REECE	RE	REC	M	YB	4	CT	P	TILL	-	PZ	HFP	GL
REECE	RE	REC	M	NO	5	FP	R	TILL	-	PZ	HFP	O
REECE	RE	REC	M	YB	4	CT	VP	TILL	-	GL	G	O
REECE	RE	REC	M	YU	5	FP	W	TILL	-	PZ	HFP	FR
RIVERBANK	RI	RVK	M	YB	0	-	I	GLFL	-	PZ	HFP	GL
RIVERBANK	RI	RVK	M	YU	0	-	MW	GLFL	-	PZ	HFP	O
RIVERBANK	RI	RVK	M	YB	0	-	P	GLFL	-	PZ	HFP	GL
RIVERBANK	RI	RVK	M	NO	0	-	R	GLFL	-	PZ	HFP	O
RIVERBANK	RI	RVK	M	YB	0	-	VP	GLFL	-	GL	G	O
RIVERBANK	RI	RVK	M	NO	0	-	W	GLFL	-	PZ	HFP	O
SALT SPRINGS	SS	SAP	M	YG	5	CT	I	TILL	-	PZ	HFP	GL
SALT SPRINGS	SS	SAP	M	YU	5	CT	MW	TILL	-	PZ	HFP	O
SALT SPRINGS	SS	SAP	M	YG	5	CT	P	TILL	-	GL	G	O
SALT SPRINGS	SS	SAP	M	NO	5	CT	R	TILL	-	PZ	HFP	O
SALT SPRINGS	SS	SAP	M	YB	5	CT	VP	TILL	-	GL	G	O
SALT SPRINGS	SS	SAP	M	NO	5	CT	W	TILL	-	PZ	HFP	O
SUNBURY	SN	SBY	M	YB	6	UN	I	TILL	-	PZ	HFP	GL
SUNBURY	SN	SBY	M	YU	6	UN	MW	TILL	-	PZ	HFP	O
SUNBURY	SN	SBY	M	YB	5	UN	P	TILL	-	GL	G	O
SUNBURY	SN	SBY	M	NO	6	UN	R	TILL	-	PZ	HFP	O
SUNBURY	SN	SBY	M	YB	5	UN	VP	TILL	-	GL	G	O
SUNBURY	SN	SBY	M	NO	6	UN	W	TILL	-	PZ	HFP	O

Table 12: Soil Name File

Soil Name	Soil Map Symbol	Soil Code	Soil Kind	Water Table	Root Restriction		Soil Drainage	Mode of Depo.		Soil Classification		
					Layer	Type		P.M. 1	P.M. 2	Order	Great-group	Sub-group
SERPENTINE	SP	SET	M	YU	6	UN	MW	COLL	TILL	PZ	HFP	O
SERPENTINE	SP	SET	M	NO	6	UN	R	COLL	TILL	PZ	HFP	O
SERPENTINE	SP	SET	M	NO	6	UN	W	COLL	TILL	PZ	HFP	O
STONY BROOK	SB	SNB	M	YB	5	CT	I	TILL	-	LU	GL	GLPZ
STONY BROOK	SB	SNB	M	YB	5	CT	MW	TILL	-	LU	GL	PZ
STONY BROOK	SB	SNB	M	YB	4	CT	P	TILL	-	GL	LG	O
STONY BROOK	SB	SNB	M	NO	5	CT	R	TILL	-	LU	GL	PZ
STONY BROOK	SB	SNB	M	YB	4	CT	VP	TILL	-	GL	LG	O
STONY BROOK	SB	SNB	M	NO	5	CT	W	TILL	-	LU	GL	PZ
SALISBURY	SA	SUY	M	YB	4	CT	I	TILL	-	LU	GL	GLPZ
SALISBURY	SA	SUY	M	YB	6	CT	MW	TILL	-	LU	GL	PZ
SALISBURY	SA	SUY	M	YB	4	CT	P	TILL	-	GL	LG	O
SALISBURY	SA	SUY	M	NO	5	CT	R	TILL	-	LU	GL	PZ
SALISBURY	SA	SUY	M	YB	4	CT	VP	TILL	-	GL	LG	O
SALISBURY	SA	SUY	M	NO	5	CT	W	TILL	-	LU	GL	PZ
TRACADIE	TD	TCD	M	YB	5	UN	I	MARI	-	LU	GL	GLPZ
TRACADIE	TD	TCD	M	YU	5	UN	MW	MARI	-	LU	GL	PZ
TRACADIE	TD	TCD	M	YB	5	UN	P	MARI	-	GL	LG	O
TUADOOK	TU	TDO	M	YG	6	CT	I	TILL	-	PZ	HFP	GL
TUADOOK	TU	TDO	M	YU	6	LI	MW	TILL	-	PZ	HFP	O
TUADOOK	TU	TDO	M	YG	4	CT	P	TILL	-	GL	G	O
TUADOOK	TU	TDO	M	NO	6	LI	R	TILL	-	PZ	HFP	O
TUADOOK	TU	TDO	M	NO	6	CT	W	TILL	-	PZ	HFP	O
TETAGOUCHE	TT	TGC	M	YG	5	CT	I	TILL	-	LU	GL	GLPZ
TETAGOUCHE	TT	TGC	M	YU	5	CT	MW	TILL	-	LU	GL	PZ
TETAGOUCHE	TT	TGC	M	NO	-	CT	W	TILL	-	LU	GL	PZ
ORGANIC	OS	ZOG	O	YB	0	-	VP	PEAT	-	-	-	-

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Lith.	Master	Suffix	Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	Water Retention 10 Kpa	Water Retention 33 Kpa	Water Retention 1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Barrieau-Buctouche	BAB	I	1		LFH			-6	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	92	40	28	13	0.22	-9	15
	BAB	I	2		A	e		0	6	0	82	13	5	0.6	3.8	4.7	12	7	30.000	55	21	16	6	1.20	-9	-9
	BAB	I	3		B	fgj		6	26	1	80	10	10	1.5	4.5	5.0	60	12	50.000	61	27	22	11	1.00	-9	-9
	BAB	I	4		BC	gj		26	35	10	73	12	15	0.5	4.5	5.0	60	9	30.000	49	17	14	7	1.25	-9	-9
	BAB	I	5	2	CB	gj		35	70	20	53	25	22	0.2	4.2	4.9	36	9	0.100	23	23	19	14	1.90	-9	-9
	BAB	I	6	2	C	g		70	100	19	46	28	26	0.2	4.3	5.0	44	10	0.060	24	24	23	17	1.87	-9	-9
Barrieau-Buctouche	BAB	MW	1		LFH			-6	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	92	40	28	13	0.22	-9	15
	BAB	MW	2		A	e		0	6	0	82	13	5	0.6	3.8	4.7	12	7	30.000	55	21	16	6	1.20	-9	-9
	BAB	MW	3		B	f		6	26	1	80	10	10	1.5	4.5	5.0	60	12	50.000	61	27	22	11	1.00	-9	-9
	BAB	MW	4		BC			26	35	10	73	12	15	0.5	4.5	5.0	60	9	30.000	49	17	14	7	1.25	-9	-9
	BAB	MW	5	2	CB			35	70	20	53	25	22	0.2	4.2	4.9	36	9	0.100	23	23	19	14	1.90	-9	-9
	BAB	MW	6	2	C	gj		70	100	19	46	28	26	0.2	4.3	5.0	44	10	0.060	24	24	23	17	1.87	-9	-9
Barrieau-Buctouche	BAB	P	1		LFH			-8	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	92	40	28	13	0.22	-9	15
	BAB	P	2		A	eg		0	16	0	82	13	5	0.6	4.0	4.6	20	7	12.000	50	20	15	6	1.32	-9	-9
	BAB	P	3		B	g		16	26	0	86	8	6	1.1	4.4	4.8	52	10	8.000	48	20	16	8	1.38	-9	-9
	BAB	P	4		BC	g		26	35	0	89	7	4	0.3	4.4	4.8	52	6	8.000	38	13	11	6	1.63	-9	-9
	BAB	P	5	2	C	g		35	100	20	60	16	24	0.1	4.1	5.2	28	8	0.100	23	23	22	16	1.90	-9	-9
Barrieau-Buctouche	BAB	VP	1		O	m		-12	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	92	40	28	13	0.22	5	15
	BAB	VP	2		A	eg		0	16	0	82	13	5	0.6	4.0	4.6	20	7	12.000	50	20	15	6	1.32	-9	-9
	BAB	VP	3		B	g		16	26	0	86	8	6	1.1	4.4	4.8	52	10	8.000	48	20	16	8	1.38	-9	-9
	BAB	VP	4		BC	g		26	35	0	89	7	4	0.3	4.4	4.8	52	6	8.000	38	13	11	6	1.63	-9	-9
	BAB	VP	5	2	C	g		35	100	20	60	16	24	0.1	4.1	5.2	28	8	0.100	23	23	22	16	1.90	-9	-9
Barrieau-Buctouche	BAB	W	1		LFH			-6	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	92	40	28	13	0.22	-9	15
	BAB	W	2		A	e		0	6	0	82	13	5	0.6	3.8	4.7	12	7	30.000	55	21	16	6	1.20	-9	-9
	BAB	W	3		B	f		6	26	1	80	10	10	1.5	4.5	5.0	60	12	50.000	61	27	22	11	1.00	-9	-9
	BAB	W	4		BC			26	35	10	73	12	15	0.5	4.5	5.0	60	9	30.000	49	17	14	7	1.25	-9	-9
	BAB	W	5	2	CB			35	70	20	53	25	22	0.2	4.2	4.9	36	9	0.100	23	23	19	14	1.90	-9	-9
	BAB	W	6	2	C	gj		70	100	19	46	28	26	0.2	4.3	5.0	44	10	0.060	24	24	23	17	1.87	-9	-9
Big Bald Mountain	BBA	R	1		LFH			-7	0	0	-9	-9	-9	28.0	3.5	4.0	0	120	50.000	90	40	30	10	0.05	0	5
	BBA	R	2		A	ej		0	1	80	64	26	10	0.1	4.1	5.0	28	6	10.000	11	6	5	2	1.20	0	0
	BBA	R	3		B	f	1	1	20	80	45	39	16	1.0	4.8	5.4	84	12	15.200	14	9	8	4	1.10	0	0
	BBA	R	5		R			30	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	0	0
Big Bald Mountain	BBA	W	1		LFH			-7	0	0	-9	-9	-9	28.0	3.5	4.0	0	120	50.000	90	40	30	10	0.05	0	5
	BBA	W	2		A	ej		0	1	80	64	26	10	0.1	4.1	5.0	28	6	10.000	11	6	5	2	1.20	0	0
	BBA	W	3		B	f	1	1	20	80	45	39	16	1.0	4.8	5.4	84	12	15.200	14	9	8	4	1.10	0	0
	BBA	W	4		B	f	2	20	30	80	64	26	10	1.0	4.8	5.4	84	10	40.000	13	7	6	2	1.10	0	0
	BBA	W	5		R			30	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	0	0
Becaguemic	BHG	MW	1		LFH			-7	0	0	-9	-9	-9	28.0	3.5	4.0	0	120	50.000	90	40	30	10	0.05	0	5
	BHG	MW	2		A	e		0	10	5	64	26	10	0.1	4.5	5.0	60	6	10.000	52	29	22	8	1.20	0	0
	BHG	MW	3		B	f		10	31	5	64	26	10	1.0	4.8	5.2	84	10	2.000	48	34	29	10	1.30	0	0
	BHG	MW	4		BC			31	56	5	80	13	7	0.5	4.8	5.2	84	7	3.000	41	29	25	14	1.50	0	0
	BHG	MW	5		C			56	100	10	80	13	7	0.1	5.3	5.6	100	5	0.900	32	30	25	14	1.60	0	0
Becaguemic	BHG	R	1		LFH			-7	0	0	-9	-9	-9	28.0	3.5	4.0	0	120	50.000	90	40	30	10	0.05	0	5
	BHG	R	2		A	e		0	10	5	64	26	10	0.1	4.5	5.0	60	6	10.000	52	29	22	8	1.20	0	0
	BHG	R	3		B	f		10	31	5	64	26	10	1.0	4.8	5.2	84	10	2.000	48	34	29	10	1.30	0	0
	BHG	R	4		BC			31	56	5	80	13	7	0.5	4.8	5.2	84	7	3.000	41	29	25	14	1.50	0	0
	BHG	R	5		C			56	100	10	80	13	7	0.1	5.3	5.6	100	5	0.900	32	30	25	14	1.60	0	0

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Horizon Lith.	Horizon Master	Horizon Suffix	Horizon Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H2O	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	Water Retention 10 Kpa	Water Retention 33 Kpa	Water Retention 1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Becaguemic	BHG	W	1		LFH			-7	0	0	-9	-9	-9	28.0	3.5	4.0	0	120	50.000	90	40	30	10	0.05	0	5
	BHG	W	2		A	e		0	10	5	64	26	10	0.1	4.5	5.0	60	6	10.000	52	29	22	8	1.20	0	0
	BHG	W	3		B	f		10	31	5	64	26	10	1.0	4.8	5.2	84	10	2.000	48	34	29	10	1.30	0	0
	BHG	W	4		BC			31	56	5	80	13	7	0.5	4.8	5.2	84	7	3.000	41	29	25	14	1.50	0	0
	BHG	W	5		C			56	100	10	80	13	7	0.1	5.3	5.6	100	5	0.900	32	30	25	14	1.60	0	0
Britt Brook	BIB	I	1		LFH			-10	0	0	-9	-9	-9	56.0	3.3	3.8	26	106	50.000	90	40	30	10	0.18	0	15
	BIB	I	2		A	egj		0	10	31	21	58	21	1.5	3.0	3.4	14	13	12.000	46	31	26	7	0.90	0	0
	BIB	I	3		B	fgj		10	45	33	35	49	16	3.5	4.5	5.0	3	30	15.000	37	26	22	7	1.20	0	0
	BIB	I	4		BC	g		45	65	27	50	37	13	1.4	4.6	5.1	6	17	5.000	34	23	19	8	1.41	0	0
	BIB	I	5		C	g		65	100	25	36	43	21	0.4	4.9	5.4	25	16	3.000	30	26	22	14	1.60	0	0
Britt Brook	BIB	MW	1		LFH			-8	0	-9	-9	-9	-9	56.0	3.3	3.8	26	106	50.000	93	40	30	10	0.18	-9	15
	BIB	MW	2		A	e		0	8	31	21	58	21	1.5	3.0	3.4	14	13	18.000	52	32	26	5	0.66	-9	-9
	BIB	MW	3		B	hf		8	22	27	30	51	19	12.0	4.0	4.4	3	64	25.000	53	35	27	8	0.75	-9	-9
	BIB	MW	4		B	f		22	54	32	41	47	12	2.9	4.5	5.0	3	30	18.000	39	27	20	7	1.10	-9	-9
	BIB	MW	5		BC			54	75	27	50	37	13	1.4	4.6	5.1	6	17	5.000	34	23	19	8	1.41	-9	-9
	BIB	MW	6		C			75	100	25	36	43	21	0.4	4.9	5.4	25	16	3.000	30	26	22	14	1.60	-9	-9
Britt Brook	BIB	P	1		LFH			-10	0	0	-9	-9	-9	56.0	3.3	3.8	26	106	50.000	90	40	30	10	0.18	0	15
	BIB	P	2		A	egj		0	10	31	21	58	21	1.5	3.0	3.4	14	13	12.000	46	31	26	7	0.90	0	0
	BIB	P	3		B	fgj		10	45	33	35	49	16	3.5	4.5	5.0	3	30	15.000	37	26	22	7	1.20	0	0
	BIB	P	4		BC	g		45	65	27	50	37	13	1.4	4.6	5.1	6	17	5.000	34	23	19	8	1.41	0	0
	BIB	P	5		C	g		65	100	25	36	43	21	0.4	4.9	5.4	25	16	3.000	30	26	22	14	1.60	0	0
Britt Brook	BIB	R	1		LFH			-8	0	-9	-9	-9	-9	56.0	3.3	3.8	26	106	50.000	93	40	30	10	0.18	-9	15
	BIB	R	2		A	e		0	8	31	21	58	21	1.5	3.0	3.4	14	13	18.000	52	32	26	5	0.66	-9	-9
	BIB	R	3		B	hf		8	22	27	30	51	19	12.0	4.0	4.4	3	64	25.000	53	35	27	8	0.75	-9	-9
	BIB	R	4		B	f		22	54	32	41	47	12	2.9	4.5	5.0	3	30	18.000	39	27	20	7	1.10	-9	-9
	BIB	R	5		BC			54	75	27	50	37	13	1.4	4.6	5.1	6	17	5.000	34	23	19	8	1.41	-9	-9
	BIB	R	6		C			75	100	25	36	43	21	0.4	4.9	5.4	25	16	3.000	30	26	22	14	1.60	-9	-9
Britt Brook	BIB	VP	1		LFH			-15	0	0	-9	-9	-9	56.0	3.6	4.1	26	106	50.000	90	40	30	10	0.18	0	15
	BIB	VP	2		A	heg		0	15	12	21	58	21	7.0	4.3	4.8	25	13	10.000	56	42	37	11	0.95	0	0
	BIB	VP	3		A	eg		15	35	31	35	44	21	0.9	4.5	5.0	35	13	7.000	35	25	22	10	1.30	0	0
	BIB	VP	4		B	g		35	50	30	42	43	15	1.2	4.3	4.8	3	30	7.000	33	26	20	9	1.40	0	0
	BIB	VP	5		C	g		50	100	25	36	43	21	0.4	4.5	5.0	25	16	2.000	28	26	21	14	1.65	0	0
Britt Brook	BIB	W	1		LFH			-8	0	-9	-9	-9	-9	56.0	3.3	3.8	26	106	50.000	93	40	30	10	0.18	-9	15
	BIB	W	2		A	e		0	8	31	21	58	21	1.5	3.0	3.4	14	13	18.000	52	32	26	5	0.66	-9	-9
	BIB	W	3		B	hf		8	22	27	30	51	19	12.0	4.0	4.4	3	64	25.000	53	35	27	8	0.75	-9	-9
	BIB	W	4		B	f		22	54	32	41	47	12	2.9	4.5	5.0	3	30	18.000	39	27	20	7	1.10	-9	-9
	BIB	W	5		BC			54	75	27	50	37	13	1.4	4.6	5.1	6	17	5.000	34	23	19	8	1.41	-9	-9
	BIB	W	6		C			75	100	25	36	43	21	0.4	4.9	5.4	25	16	3.000	30	26	22	14	1.60	-9	-9
Cornhill	CHL	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	CHL	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	CHL	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	CHL	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	CHL	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	CHL	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
Cornhill	CHL	MW	1		LFH	p		-7	0	0	-9	-9	-9	28.0	3.5	4.0	0	120	50.000	90	40	30	10	0.05	0	5
	CHL	MW	2		A	f		0	18	2	36	43	21	1.5	5.1	5.9	100	15	15.000	54	36	30	13	1.20	0	
	CHL	MW	3		B			18	28	2	47	38	16	1.0	5.1	5.4	100	12	15.200	67	44	37	18	1.10	0	
	CHL	MW	4		BC			28	35	5	43	39	17	0.5	5.1	5.4	100	7	2.000	46	27	22	11	1.50	0	
	CHL	MW			C			35	70	10	37	26	37	0.1	4.7	5.8	76	12	13.000	35	21	15	4	1.60	0	
								70	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	0	

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Horizon Lith.	Horizon Master	Horizon Suffix	Horizon Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	Water Retention 10 Kpa	Water Retention 33 Kpa	Water Retention 1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Cornhill	CHL	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	CHL	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	CHL	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	CHL	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	CHL	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	CHL	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
Cornhill	CHL	R	1		LFH			-7	0	0	-9	-9	-9	28.0	3.5	4.0	0	120	50.000	90	40	30	10	0.05	0	5
	CHL	R	2		A	p		0	18	2	36	43	21	1.5	5.1	5.9	100	15	15.000	54	36	30	13	1.20	0	0
	CHL	R	3		B	f		18	28	2	47	38	16	1.0	5.1	5.4	100	12	15.200	67	44	37	18	1.10	0	0
	CHL	R	4		BC			28	35	5	43	39	17	0.5	5.1	5.4	100	7	2.000	46	27	22	11	1.50	0	0
	CHL	R	5		C			35	70	10	37	26	37	0.1	4.7	5.8	76	12	13.000	35	21	15	4	1.60	0	0
	CHL	R	6		R			70	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	0	0
Cornhill	CHL	W	1		LFH			-7	0	0	-9	-9	-9	28.0	3.5	4.0	0	120	50.000	90	40	30	10	0.05	0	5
	CHL	W	2		A	p		0	18	2	36	43	21	1.5	5.1	5.9	100	15	15.000	54	36	30	13	1.20	0	0
	CHL	W	3		B	f		18	28	2	47	38	16	1.0	5.1	5.4	100	12	15.200	67	44	37	18	1.10	0	0
	CHL	W	4		BC			28	35	5	43	39	17	0.5	5.1	5.4	100	7	2.000	46	27	22	11	1.50	0	0
	CHL	W	5		C			35	70	10	37	26	37	0.1	4.7	5.8	76	12	13.000	35	21	15	4	1.60	0	0
	CHL	W	6		R			70	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	0	0
Catamaran	CTR	I	1		LFH			-8	0	-9	-9	-9	-9	44.0	3.6	4.1	3	74	50.000	93	40	28	13	0.22	-9	15
	CTR	I	2		A	e		0	4	10	59	36	5	1.3	3.3	3.9	0	11	20.000	49	30	23	9	1.22	-9	-9
	CTR	I	3		B	fgj	1	4	10	10	49	33	18	3.8	4.3	4.8	44	24	26.000	55	33	24	10	1.06	-9	-9
	CTR	I	4		B	fgj	2	10	34	10	52	33	15	1.6	4.5	4.8	60	14	18.000	50	29	25	8	1.17	-9	-9
	CTR	I	5		BC	gj		34	50	17	54	31	15	0.7	4.7	4.9	76	10	0.500	38	33	28	12	1.45	-9	-9
	CTR	I	6		C	xjgj		50	100	20	58	33	9	0.2	4.7	4.9	76	7	0.200	25	23	21	10	1.83	-9	-9
Catamaran	CTR	MW	1		LFH			-5	0	-9	-9	-9	-9	44.0	3.6	4.1	3	74	50.000	93	40	28	13	0.22	-9	15
	CTR	MW	2		A	e		0	4	10	59	36	5	1.3	3.3	3.9	0	11	20.000	49	30	23	9	1.22	-9	-9
	CTR	MW	3		B	f	1	4	10	10	49	33	18	3.8	4.3	4.8	44	24	26.000	55	33	24	10	1.06	-9	-9
	CTR	MW	4		B	f	2	10	34	10	52	33	15	1.6	4.5	4.8	60	14	18.000	50	29	25	8	1.17	-9	-9
	CTR	MW	5		BC			34	61	17	54	31	15	0.7	4.7	4.9	76	10	0.500	38	33	28	12	1.45	-9	-9
	CTR	MW	6		C	xj		61	100	20	58	33	9	0.2	4.7	4.9	76	7	0.200	25	23	21	10	1.83	-9	-9
Catamaran	CTR	P	1		LFH			-12	0	-9	-9	-9	-9	31.0	3.6	4.1	32	87	50.000	90	40	30	10	0.26	-9	15
	CTR	P	2		A	egj		0	10	10	45	43	12	2.0	3.4	3.9	0	15	14.300	50	31	26	12	1.20	-9	-9
	CTR	P	3		B	g		10	30	13	40	43	17	1.5	4.4	4.9	52	14	10.600	44	29	24	12	1.30	-9	-9
	CTR	P	4		BC	g		30	40	20	45	36	19	0.6	4.3	4.8	44	10	3.000	34	21	18	10	1.55	-9	-9
	CTR	P	5		C	g		40	100	20	51	33	16	0.3	4.6	4.9	68	8	0.500	26	17	14	10	1.80	-9	-9
Catamaran	CTR	R	1		LFH			-5	0	-9	-9	-9	-9	44.0	3.6	4.1	3	74	50.000	93	40	28	13	0.22	-9	15
	CTR	R	2		A	e		0	4	10	59	36	5	1.3	3.3	3.9	0	11	20.000	49	30	23	9	1.22	-9	-9
	CTR	R	3		B	f	1	4	10	10	49	33	18	3.8	4.3	4.8	44	24	26.000	55	33	24	10	1.06	-9	-9
	CTR	R	4		B	f	2	10	34	10	52	33	15	1.6	4.5	4.8	60	14	18.000	50	29	25	8	1.17	-9	-9
	CTR	R	5		BC			34	61	17	54	31	15	0.7	4.7	4.9	76	10	0.500	38	33	28	12	1.45	-9	-9
	CTR	R	6		C	xj		61	100	20	58	33	9	0.2	4.7	4.9	76	7	0.200	25	23	21	10	1.83	-9	-9
Catamaran	CTR	W	1		LFH			-5	0	-9	-9	-9	-9	44.0	3.6	4.1	3	74	50.000	93	40	28	13	0.22	-9	15
	CTR	W	2		A	e		0	4	10	59	36	5	1.3	3.3	3.9	0	11	20.000	49	30	23	9	1.22	-9	-9
	CTR	W	3		B	f	1	4	10	10	49	33	18	3.8	4.3	4.8	44	24	26.000	55	33	24	10	1.06	-9	-9
	CTR	W	4		B	f	2	10	34	10	52	33	15	1.6	4.5	4.8	60	14	18.000	50	29	25	8	1.17	-9	-9
	CTR	W	5		BC			34	61	17	54	31	15	0.7	4.7	4.9	76	10	0.500	38	33	28	12	1.45	-9	-9
	CTR	W	6		C	xj		61	100	20	58	33	9	0.2	4.7	4.9	76	7	0.200	25	23	21	10	1.83	-9	-9

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Lith.	Master	Suffix	Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	10 Kpa	33 Kpa	1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Erb	ERB	I	1		LFH			-4	0	0	-9	-9	-9	38.0	4.0	4.5	20	170	50.000	92	38	27	12	0.20	-9	15
Settlement	ERB	I	2		A	e		0	10	30	25	62	13	0.8	4.0	4.9	20	10	15.000	38	19	15	7	1.20	-9	-9
	ERB	I	3		B	fgj		10	35	40	42	41	17	1.8	5.1	6.3	99	15	20.000	36	22	18	8	1.05	-9	-9
	ERB	I	4		B	fjgj		35	55	40	42	43	15	1.0	5.1	6.3	99	11	15.000	33	17	14	7	1.20	-9	-9
	ERB	I	5		BC	gj		55	69	60	41	45	14	0.6	4.9	6.0	92	9	10.000	18	10	8	4	1.45	-9	-9
	ERB	I	6		C	gj		69	100	60	40	50	10	0.3	4.9	6.1	92	7	10.000	16	8	6	4	1.60	-9	-9
Erb	ERB	MW	1		LFH			-4	0	0	0	-9	-9	38.0	4.0	4.5	20	170	50.000	92	38	27	12	0.20	-9	15
Settlement	ERB	MW	2		A	e		0	10	30	25	62	13	0.8	4.0	4.9	20	10	15.000	38	19	15	7	1.20	-9	-9
	ERB	MW	3		B	f		10	35	40	42	41	17	1.8	5.1	6.3	99	15	20.000	36	22	18	8	1.05	-9	-9
	ERB	MW	4		B	fj		35	55	40	42	43	15	1.0	5.1	6.3	99	11	15.000	33	17	14	7	1.20	-9	-9
	ERB	MW	5		BC			55	69	60	41	45	14	0.6	4.9	6.0	92	9	10.000	19	10	8	4	1.40	-9	-9
	ERB	MW	6		C			69	100	60	40	50	10	0.3	4.9	6.1	92	7	10.000	16	8	6	4	1.55	-9	-9
Erb	ERB	P	1		LFH			-7	0	0	0	-9	-9	40.0	4.0	4.5	20	179	50.000	92	38	27	12	0.20	-9	15
Settlement	ERB	P	2		A	h		0	15	10	30	55	15	5.0	5.0	5.5	99	29	15.000	53	49	41	20	1.10	-9	-9
	ERB	P	3		B	g		15	23	35	50	35	15	0.4	5.0	6.0	99	9	5.000	31	16	13	6	1.40	-9	-9
	ERB	P	4		C	g		23	75	60	40	48	12	0.3	5.0	6.0	99	8	1.000	16	8	7	4	1.60	-9	-9
	ERB	P	5		R			75	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.65	-9	-9
Erb	ERB	R	1		LFH			-4	0	0	0	-9	-9	38.0	4.0	4.5	20	170	50.000	92	38	27	12	0.20	-9	15
Settlement	ERB	R	2		A	e		0	10	30	25	62	13	0.8	4.0	4.9	20	10	15.000	38	19	15	7	1.20	-9	-9
	ERB	R	3		B	f		10	35	40	42	41	17	1.8	5.1	6.3	99	15	20.000	36	22	18	8	1.05	-9	-9
	ERB	R	4		B	fj		35	55	40	42	43	15	1.0	5.1	6.3	99	11	15.000	33	17	14	7	1.20	-9	-9
	ERB	R	5		BC			55	69	60	41	45	14	0.6	4.9	6.0	92	9	10.000	19	10	8	4	1.40	-9	-9
	ERB	R	6		C			69	100	60	40	50	10	0.3	4.9	6.1	92	7	10.000	16	8	6	4	1.55	-9	-9
Erb	ERB	W	1		LFH			-4	0	0	0	-9	-9	38.0	4.0	4.5	20	170	50.000	92	38	27	12	0.20	-9	15
Settlement	ERB	W	2		A	e		0	10	30	25	62	13	0.8	4.0	4.9	20	10	15.000	38	19	15	7	1.20	-9	-9
	ERB	W	3		B	f		10	35	40	42	41	17	1.8	5.1	6.3	99	15	20.000	36	22	18	8	1.05	-9	-9
	ERB	W	4		B	fj		35	55	40	42	43	15	1.0	5.1	6.3	99	11	15.000	33	17	14	7	1.20	-9	-9
	ERB	W	5		BC			55	69	60	41	45	14	0.6	4.9	6.0	92	9	10.000	19	10	8	4	1.40	-9	-9
	ERB	W	6		C			69	100	60	40	50	10	0.3	4.9	6.1	92	7	10.000	16	8	6	4	1.55	-9	-9
Fair	FIS	MW	1		LFH			-4	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	93	40	28	13	0.22	-9	15
Isle	FIS	MW	2		A	e		0	9	9	82	13	5	0.5	3.3	4.1	0	7	40.000	51	17	13	5	1.18	-9	-9
	FIS	MW	3		B	f		9	27	9	81	9	10	1.5	4.3	4.8	44	12	50.000	58	25	18	7	0.97	-9	-9
	FIS	MW	4		B	fj		27	39	20	74	18	8	0.9	4.5	4.9	60	9	35.000	46	20	15	6	1.20	-9	-9
	FIS	MW	5		BC			39	54	22	76	16	8	0.3	4.4	4.9	52	7	12.000	36	14	13	2	1.50	-9	-9
	FIS	MW	6		C			54	100	40	73	19	8	0.2	4.2	4.8	36	6	13.000	26	14	11	2	1.61	-9	-9
Fair	FIS	R	1		LFH			-4	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	93	40	28	13	0.22	-9	15
Isle	FIS	R	2		A	e		0	9	9	82	13	5	0.5	3.3	4.1	0	7	40.000	51	17	13	5	1.18	-9	-9
	FIS	R	3		B	f		9	27	9	81	9	10	1.5	4.3	4.8	44	12	50.000	58	25	18	7	0.97	-9	-9
	FIS	R	4		B	fj		27	39	20	74	18	8	0.9	4.5	4.9	60	9	35.000	46	20	15	6	1.20	-9	-9
	FIS	R	5		BC			39	54	22	76	16	8	0.3	4.4	4.9	52	7	12.000	36	14	13	2	1.50	-9	-9
	FIS	R	6		C			54	100	40	73	19	8	0.2	4.2	4.8	36	6	13.000	26	14	11	2	1.61	-9	-9
Fair	FIS	W	1		LFH			-4	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	93	40	28	13	0.22	-9	15
Isle	FIS	W	2		A	e		0	9	9	82	13	5	0.5	3.3	4.1	0	7	40.000	51	17	13	5	1.18	-9	-9
	FIS	W	3		B	f		9	27	9	81	9	10	1.5	4.3	4.8	44	12	50.000	58	25	18	7	0.97	-9	-9
	FIS	W	4		B	fj		27	39	20	74	18	8	0.9	4.5	4.9	60	9	35.000	46	20	15	6	1.20	-9	-9
	FIS	W	5		BC			39	54	22	76	16	8	0.3	4.4	4.9	52	7	12.000	36	14	13	2	1.50	-9	-9
	FIS	W	6		C			54	100	40	73	19	8	0.2	4.2	4.8	36	6	13.000	26	14	11	2	1.61	-9	-9

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Lith.	Master	Suffix	Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	Water Retention 10 Kpa	Water Retention 33 Kpa	Water Retention 1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Gagetown	GGW	I	1		LFH			-10	0	0	-9	-9	-9	35.0	4.0	4.5	10	128	50.000	90	40	30	10	0.22	0	15
	GGW	I	2		A	egj		0	10	50	70	22	8	0.9	3.7	4.2	6	14	30.000	29	15	10	3	1.10	0	0
	GGW	I	3		B	fgj		10	35	51	65	24	11	2.0	3.9	4.4	6	9	30.000	31	16	11	3	0.95	0	0
	GGW	I	4		BC	g		35	60	76	86	9	5	0.4	4.3	4.8	8	1	30.000	12	5	3	1	1.35	0	0
	GGW	I	5		C	g		60	100	61	87	9	4	0.1	4.5	5.0	10	1	30.000	17	8	6	2	1.50	0	0
Gagetown	GGW	MW	1		LFH			-5	0	-9	-9	-9	-9	35.0	4.0	4.5	10	128	50.000	92	40	30	10	0.22	-9	15
	GGW	MW	2		A	e		0	10	12	45	47	8	0.9	3.7	4.2	6	14	20.000	51	26	18	5	1.10	-9	-9
	GGW	MW	3		B	f		10	37	12	40	49	11	2.0	3.9	4.4	6	9	20.000	56	29	20	5	0.95	-9	-9
	GGW	MW	4		BC			37	64	40	71	24	5	0.4	4.3	4.8	8	1	30.000	30	13	8	3	1.35	-9	-9
	GGW	MW	5		C	gj		64	100	61	87	9	4	0.1	4.5	5.0	10	1	30.000	17	8	6	2	1.50	-9	-9
Gagetown	GGW	P	1		LFH			-10	0	0	-9	-9	-9	35.0	4.0	4.5	10	128	50.000	90	40	30	10	0.22	0	15
	GGW	P	2		A	egj		0	10	50	70	22	8	0.9	3.7	4.2	6	14	30.000	29	15	10	3	1.10	0	0
	GGW	P	3		B	fgj		10	35	51	65	24	11	2.0	3.9	4.4	6	9	30.000	31	16	11	3	0.95	0	0
	GGW	P	4		BC	g		35	60	76	86	9	5	0.4	4.3	4.8	8	1	30.000	12	5	3	1	1.35	0	0
	GGW	P	5		C	g		60	100	61	87	9	4	0.1	4.5	5.0	10	1	30.000	17	8	6	2	1.50	0	0
Gagetown	GGW	R	1		LFH			-5	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	93	40	28	13	0.22	-9	15
	GGW	R	2		A	e		0	10	10	82	13	5	0.6	3.5	4.2	0	7	30.000	49	19	14	5	1.20	-9	-9
	GGW	R	3		B	f		10	32	10	80	10	10	1.3	4.1	4.4	28	12	50.000	55	24	19	10	1.00	-9	-9
	GGW	R	4		B	fj		32	44	30	84	10	6	0.8	4.1	4.4	28	9	50.000	37	12	10	5	1.25	-9	-9
	GGW	R	5		BC			44	58	50	88	7	5	0.2	4.3	4.6	44	6	50.000	22	6	4	2	1.45	-9	-9
	GGW	R	6		C			58	100	70	89	8	3	0.1	4.5	4.8	60	5	50.000	13	3	2	1	1.50	-9	-9
Gagetown	GGW	VP	1		LFH			-15	0	0	-9	-9	-9	35.0	4.0	4.5	10	128	50.000	90	40	30	10	0.22	0	15
	GGW	VP	2		A	eg		0	17	50	70	22	8	0.9	3.7	4.2	6	14	30.000	29	15	10	3	1.10	0	0
	GGW	VP	3		B	g		17	40	64	76	16	8	1.2	4.1	4.6	7	5	35.000	18	10	7	3	1.30	0	0
	GGW	VP	4		C	g		40	100	60	87	9	4	0.1	4.5	5.0	10	1	35.000	17	8	5	2	1.55	0	0
Gagetown	GGW	W	1		LFH			-5	0	-9	-9	-9	-9	35.0	4.0	4.5	10	128	50.000	92	40	30	10	0.22	-9	15
	GGW	W	2		A	e		0	10	12	45	47	8	0.9	3.7	4.2	6	14	20.000	51	26	18	5	1.10	-9	-9
	GGW	W	3		B	f		10	37	12	40	49	11	2.0	3.9	4.4	6	9	20.000	56	29	20	5	0.95	-9	-9
	GGW	W	4		BC			37	64	40	71	24	5	0.4	4.3	4.8	8	1	30.000	30	13	8	3	1.35	-9	-9
	GGW	W	5		C			64	100	61	87	9	4	0.1	4.5	5.0	10	1	30.000	17	8	6	2	1.50	-9	-9
Harcourt	HOU	I	1		LFH			-5	0	0	-9	-9	-9	35.4	3.3	3.9	13	159	50.000	90	40	30	10	0.05	0	5
	HOU	I	2		A	eg		0	6	8	61	26	13	1.7	3.4	4.1	48	14	6.000	47	33	29	17	1.30	0	0
	HOU	I	3		B	fjg		6	27	8	59	20	21	1.3	3.8	4.3	41	14	15.000	53	42	37	13	1.10	0	0
	HOU	I	4		AB	g		27	38	8	63	21	17	0.5	4.0	4.6	34	10	2.000	47	38	32	13	1.30	0	0
	HOU	I	5	2	B	tg		38	78	25	49	28	23	0.1	4.0	4.9	30	9	0.060	23	23	21	16	1.87	0	0
	HOU	I	6	2	C	g		78	100	25	48	29	23	0.1	4.2	4.7	66	9	10.000	61	38	28	8	1.80	0	0
Harcourt	HOU	MW	1		LFH			-6	0	0	-9	-9	-9	28.0	3.5	3.2	10	106	50.000	90	40	30	10	0.27	0	5
	HOU	MW	2		A	e		0	5	5	61	30	9	0.1	4.1	3.4	4	13	30.000	68	41	30	7	0.73	0	0
	HOU	MW	3		B	f		5	33	10	51	30	19	1.0	4.5	4.6	1	20	7.000	59	41	35	11	0.94	0	0
	HOU	MW	4		BC			33	41	12	51	32	17	0.6	4.5	4.7	4	7	10.600	50	34	29	15	1.30	0	0
	HOU	MW	5	2	B	tgj		41	51	17	44	31	26	0.2	4.5	4.7	60	10	0.200	27	27	27	22	1.81	0	0
	HOU	MW	6	2	C			51	100	17	49	28	23	0.1	4.9	4.8	92	11	0.100	23	23	22	17	1.90	0	0
Harcourt	HOU	P	1		O	f		-7	0	0	-9	-9	-9	35.2	4.0	4.5	20	158	10.000	90	50	40	15	0.05	0	5
	HOU	P	2		A	eg	1	0	13	5	50	41	9	1.0	4.1	5.0	28	10	2.000	48	34	29	10	1.30	0	0
	HOU	P	3		B	g		13	23	15	56	29	15	0.9	4.5	5.0	18	11	5.400	44	28	24	14	1.51	0	0
	HOU	P	4		A	eg	2	23	35	15	56	30	15	0.4	4.6	5.0	68	9	5.000	48	28	24	11	1.30	0	0
	HOU	P	5	2	B	tg		35	53	25	48	31	21	0.3	4.8	5.3	84	9	0.400	20	19	19	16	1.95	0	0
	HOU	P	6	2	C	g		53	100	25	50	29	21	0.1	5.1	5.6	100	9	10.000	61	38	28	8	1.80	0	0

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Lith.	Master	Suffix	Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	10 Kpa	33 Kpa	1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Harcourt	HOU	R	1		LFH			-6	0	0	-9	-9	-9	28.0	3.5	3.2	10	106	50.000	90	40	30	10	0.27	0	5
	HOU	R	2		A	e		0	5	5	61	30	9	0.1	4.1	3.4	4	13	30.000	68	41	30	7	0.73	0	0
	HOU	R	3		B	f		5	33	10	51	30	19	1.0	4.5	4.6	1	20	7.000	59	41	35	11	0.94	0	0
	HOU	R	4		BC			33	41	12	51	32	17	0.6	4.5	4.7	4	7	10.600	50	34	29	15	1.30	0	0
	HOU	R	5	2	B	tgj		41	51	17	44	31	26	0.2	4.5	4.7	60	10	0.200	27	27	27	22	1.81	0	0
	HOU	R	6	2	C			51	100	17	49	28	23	0.1	4.9	4.8	92	11	0.100	23	23	22	17	1.90	0	0
Harcourt	HOU	VP	1		O	f		-7	0	0	-9	-9	-9	35.2	4.0	4.5	20	158	10.000	90	50	40	15	0.05	0	5
	HOU	VP	2		A	eg	1	0	13	5	50	41	9	1.0	4.1	5.0	28	10	2.000	48	34	29	10	1.30	0	0
	HOU	VP	3		B	g		13	23	15	56	29	15	0.9	4.5	5.0	18	11	5.400	44	28	24	14	1.51	0	0
	HOU	VP	4		A	eg	2	23	35	15	56	30	15	0.4	4.6	5.0	68	9	5.000	48	28	24	11	1.30	0	0
	HOU	VP	5	2	B	tg		35	53	25	48	31	21	0.3	4.8	5.3	84	9	0.400	20	19	19	16	1.95	0	0
	HOU	VP	6	2	C	g		53	100	25	50	29	21	0.1	5.1	5.6	100	9	10.000	61	38	28	8	1.80	0	0
Harcourt	HOU	W	1		LFH			-6	0	0	-9	-9	-9	28.0	3.5	3.2	10	106	50.000	90	40	30	10	0.27	0	5
	HOU	W	2		A	e		0	5	5	61	30	9	0.1	4.1	3.4	4	13	30.000	68	41	30	7	0.73	0	0
	HOU	W	3		B	f		5	33	10	51	30	19	1.0	4.5	4.6	1	20	7.000	59	41	35	11	0.94	0	0
	HOU	W	4		BC			33	41	12	51	32	17	0.6	4.5	4.7	4	7	10.600	50	34	29	15	1.30	0	0
	HOU	W	5	2	B	tgj		41	51	17	44	31	26	0.2	4.5	4.7	60	10	0.200	27	27	27	22	1.81	0	0
	HOU	W	6	2	C			51	100	17	49	28	23	0.1	4.9	4.8	92	11	0.100	23	23	22	17	1.90	0	0
Interval	ITV	I	1		LFH			-8	0	0	-9	-9	-9	35.0	4.5	5.0	22	186	50.000	90	40	30	10	0.16	0	15
	ITV	I	2		A	hj		0	15	0	40	47	13	2.0	5.4	5.9	88	10	20.000	58	37	30	9	1.10	0	0
	ITV	I	3		C	g		15	100	0	33	52	15	0.9	5.4	5.9	77	9	2.000	55	37	32	11	1.20	0	0
Interval	ITV	MW	1		LFH			-4	0	-9	-9	-9	-9	35.0	4.5	5.0	22	186	50.000	94	40	30	10	0.16	-9	15
	ITV	MW	2		A	hj		0	15	0	47	40	13	2.0	5.4	5.9	88	10	20.000	58	37	30	9	1.10	-9	-9
	ITV	MW	3		C			15	66	0	40	44	16	1.1	5.4	5.9	70	10	3.000	55	38	32	11	1.20	-9	-9
	ITV	MW	4		C	gj		66	100	0	35	51	14	0.7	5.3	5.8	84	8	2.000	55	37	31	10	1.20	-9	-9
Interval	ITV	P	1		LFH			-8	0	0	-9	-9	-9	35.0	4.5	5.0	22	186	50.000	90	40	30	10	0.16	0	15
	ITV	P	2		A	hj		0	15	0	40	47	13	2.0	5.4	5.9	88	10	20.000	58	37	30	9	1.10	0	0
	ITV	P	3		C	g		15	100	0	33	52	15	0.9	5.4	5.9	77	9	2.000	55	37	32	11	1.20	0	0
Interval	ITV	VP	1		LFH			-7	0	0	-9	-9	-9	28.0	3.5	4.0	0	120	50.000	90	40	30	10	0.05	0	5
	ITV	VP	2		A	p		0	12	0	24	53	23	2.5	4.5	5.2	0	18	4.400	51	32	27	13	1.25	0	0
	ITV	VP	3		C		1	12	50	0	31	53	16	0.8	4.3	5.3	44	12	10.000	57	33	28	10	1.14	0	0
	ITV	VP	4		C		2	50	75	0	60	30	11	0.4	4.3	5.0	44	5	30.000	56	50	39	18	1.16	0	0
	ITV	VP	5		C		3	75	100	0	32	53	16	0.5	4.4	5.0	52	7	6.600	56	38	34	16	1.12	0	0
Interval	ITV	W	1		LFH			-3	0	-9	-9	-9	-9	45.0	3.7	4.2	10	85	60.000	93	37	26	12	0.18	-9	15
	ITV	W	2		A	h		0	5	0	24	60	16	4.0	4.8	5.4	84	25	20.000	62	53	47	24	1.00	-9	-9
	ITV	W	3		C		1	5	35	0	23	63	14	1.5	5.4	6.0	99	13	3.000	55	44	41	15	1.20	-9	-9
	ITV	W	4		C		2	35	100	0	18	66	16	1.2	5.2	5.8	99	12	2.000	54	43	41	15	1.23	-9	-9
Irving	IVG	I	1		LFH			-12	0	0	-9	-9	-9	35.0	3.8	4.3	50	120	50.000	90	40	30	10	0.20	0	15
	IVG	I	2		A	eg		0	5	8	20	67	13	1.1	3.2	3.8	54	11	7.000	51	37	32	9	1.20	0	0
	IVG	I	3		B	fgj		5	30	8	23	62	15	3.5	4.3	4.8	12	23	11.000	53	40	34	10	1.10	0	0
	IVG	I	4		BC	g		30	52	12	25	60	15	1.1	4.5	5.0	18	11	4.000	40	31	27	11	1.45	0	0
	IVG	I	5		C	g		52	100	20	27	55	18	0.6	4.7	5.2	20	11	0.500	27	26	24	14	1.75	0	0
Irving	IVG	MW	1		LFH			-5	0	0	-9	-9	-9	28.0	3.5	4.0	0	120	50.000	90	40	30	10	0.05	0	5
	IVG	MW	2		A	e		0	5	0	80	13	7	0.1	4.1	4.8	28	6	25.000	51	26	17	7	1.30	0	0
	IVG	MW	3		B	hf		5	6	0	80	13	7	5.0	4.8	4.8	84	27	8.000	47	16	14	7	1.40	0	0
	IVG	MW	4		B	f	1	6	34	0	45	39	16	1.0	4.8	5.3	84	12	15.200	68	45	38	18	1.10	0	0
	IVG	MW	5		B	f	2	34	51	0	64	26	10	1.0	4.8	5.3	84	10	40.000	66	37	30	12	1.10	0	0
	IVG	MW	6		C			51	100	0	64	26	10	0.1	4.9	5.3	92	6	0.900	36	33	28	15	1.70	0	0

Table 13: Soil Layer File

Soil	Soil		Horizon					Upper	Lower	Coarse	Total			Organic	pH		Base			Water Retention				Bulk	Von	Vol. %
Name	Code	Drainage	#	Lith.	Master	Suffix	Mod.	Depth	Depth	Fragments	Sand	Silt	Clay	Carbon	CaCl	H20	Saturation	CEC	KSAT	0 Kpa	10 Kpa	33 Kpa	1500 Kpa	Density	Post	Wood
Irving	IVG	P	1		LFH			-12	0	0	-9	-9	-9	35.0	3.8	4.3	50	120	50.000	90	40	30	10	0.20	0	15
	IVG	P	2		A	eg		0	5	8	20	67	13	1.1	3.2	3.8	54	11	7.000	51	37	32	9	1.20	0	0
	IVG	P	3		B	fgj		5	30	8	23	62	15	3.5	4.3	4.8	12	23	11.000	53	40	34	10	1.10	0	0
	IVG	P	4		BC	g		30	52	12	25	60	15	1.1	4.5	5.0	18	11	4.000	40	31	27	11	1.45	0	0
	IVG	P	5		C	g		52	100	20	27	55	18	0.6	4.7	5.2	20	11	0.500	27	26	24	14	1.75	0	0
Irving	IVG	R	1		LFH			-5	0	0	-9	-9	-9	28.0	3.5	4.0	0	120	50.000	90	40	30	10	0.05	0	5
	IVG	R	2		A	e		0	5	0	80	13	7	0.1	4.7	4.8	76	6	25.000	51	26	17	7	1.30	0	0
	IVG	R	3		B	hf		5	6	0	80	13	7	5.0	4.8	4.8	84	27	8.000	47	16	14	7	1.40	0	0
	IVG	R	4		B	f	1	6	34	0	45	39	16	1.0	4.8	5.3	84	12	15.200	68	45	38	18	1.10	0	0
	IVG	R	5		B	f	2	34	51	0	64	26	10	1.0	4.8	5.3	84	10	40.000	66	37	30	12	1.10	0	0
	IVG	R	6		C			51	100	0	64	26	10	0.1	4.9	5.3	92	6	0.900	36	33	28	15	1.70	0	0
Irving	IVG	VP	1		LFH			-12	0	0	-9	-9	-9	35.0	3.8	4.3	50	120	50.000	90	40	30	10	0.20	0	15
	IVG	VP	2		A	eg		0	5	8	20	67	13	1.1	3.2	3.8	54	11	7.000	51	37	32	9	1.20	0	0
	IVG	VP	3		B	fgj		5	30	8	23	62	15	3.5	4.3	4.8	12	23	11.000	53	40	34	10	1.10	0	0
	IVG	VP	4		BC	g		30	52	12	25	60	15	1.1	4.5	5.0	18	11	4.000	40	31	27	11	1.45	0	0
	IVG	VP	5		C	g		52	100	20	27	55	18	0.6	4.7	5.2	20	11	0.500	27	26	24	14	1.75	0	0
Irving	IVG	W	1		LFH			-5	0	0	-9	-9	-9	28.0	3.5	4.0	0	120	50.000	90	40	30	10	0.05	0	5
	IVG	W	2		A	e		0	5	0	80	13	7	0.1	4.7	4.8	76	6	25.000	51	26	17	7	1.30	0	0
	IVG	W	3		B	hf		5	6	0	80	13	7	5.0	4.8	4.8	84	27	8.000	47	16	14	7	1.40	0	0
	IVG	W	4		B	f	1	6	34	0	45	39	16	1.0	4.8	5.3	84	12	15.200	68	45	38	18	1.10	0	0
	IVG	W	5		B	f	2	34	51	0	64	26	10	1.0	4.8	5.3	84	10	40.000	66	37	30	12	1.10	0	0
	IVG	W	6		C			51	100	0	64	26	10	0.1	4.9	5.3	92	6	0.900	36	33	28	15	1.70	0	0
Jacquet	JQV	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
River	JQV	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	JQV	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	JQV	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	JQV	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	JQV	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
Jacquet	JQV	MW	1		LFH			-5	0	0	-9	-9	-9	28.0	3.5	4.5	0	120	50.000	90	40	30	10	0.05	0	5
River	JQV	MW	2		A	e		0	8	30	33	34	33	0.1	4.4	4.4	52	11	10.000	41	34	29	15	1.10	0	0
	JQV	MW	3		B	fh		8	23	10	45	39	16	1.0	4.8	5.4	84	12	15.200	61	41	34	16	1.10	0	0
	JQV	MW	4		B	f		23	46	20	45	39	16	1.0	4.8	5.4	84	12	15.200	54	36	30	14	1.10	0	0
	JQV	MW	5		C			46	100	40	63	10	27	0.1	4.9	5.4	92	10	3.000	24	21	19	13	1.60	0	0
Jacquet	JQV	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
River	JQV	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	JQV	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	JQV	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	JQV	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	JQV	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
Jacquet	JQV	R	1		LFH			-5	0	0	-9	-9	-9	28.0	3.5	4.5	0	120	50.000	90	40	30	10	0.05	0	5
River	JQV	R	2		A	e		0	8	30	33	34	33	0.1	4.4	4.4	52	11	10.000	41	34	29	15	1.10	0	0
	JQV	R	3		B	fh		8	23	10	45	39	16	1.0	4.8	5.4	84	12	15.200	61	41	34	16	1.10	0	0
	JQV	R	4		B	f		23	46	20	45	39	16	1.0	4.8	5.4	84	12	15.200	54	36	30	14	1.10	0	0
	JQV	R	5		C			46	100	40	63	10	27	0.1	4.9	5.4	92	10	3.000	24	21	19	13	1.60	0	0
Jacquet	JQV	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
River	JQV	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	JQV	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	JQV	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	JQV	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	JQV	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Lith.	Master	Suffix	Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	Water Retention 10 Kpa	Water Retention 33 Kpa	Water Retention 1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Jacquet River	JQV	W	1		LFH			-5	0	0	-9	-9	-9	28.0	3.5	4.5	0	120	50.000	90	40	30	10	0.05	0	5
	JQV	W	2		A	e		0	8	30	33	34	33	0.1	4.4	4.4	52	11	10.000	41	34	29	15	1.10	0	0
	JQV	W	3		B	fh		8	23	10	45	39	16	1.0	4.8	5.4	84	12	15.200	61	41	34	16	1.10	0	0
	JQV	W	4		B	f		23	46	20	45	39	16	1.0	4.8	5.4	84	12	15.200	54	36	30	14	1.10	0	0
	JQV	W	5		C			46	100	40	63	10	27	0.1	4.9	5.4	92	10	3.000	24	21	19	13	1.60	0	0
Juniper	JUP	I	1		LFH			-8	0	0	-9	-9	-9	32.0	3.4	3.9	48	106	50.000	90	40	30	10	0.16	0	15
	JUP	I	2		A	e		0	10	22	44	45	11	1.0	3.7	4.2	54	5	15.000	42	27	22	7	1.22	0	0
	JUP	I	3		B	f		10	43	26	41	47	12	2.2	4.0	4.5	12	14	20.000	47	30	24	6	0.95	0	0
	JUP	I	4		BC			43	55	31	58	31	11	1.1	4.2	4.7	17	8	15.000	34	21	17	7	1.35	0	0
	JUP	I	5		C			55	100	35	63	29	8	0.5	4.3	4.8	23	5	8.000	26	17	14	6	1.60	0	0
Juniper	JUP	MW	1		LFH			-7	0	-9	-9	-9	-9	32.0	3.6	4.1	48	106	50.000	94	40	30	10	0.16	-9	15
	JUP	MW	2		A	e		0	10	22	44	45	11	1.0	3.7	4.2	54	5	15.000	42	27	22	7	1.22	-9	-9
	JUP	MW	3		B	hf		10	14	26	42	45	13	6.0	4.1	4.6	12	33	30.000	53	32	24	5	0.75	-9	-9
	JUP	MW	4		B	f		14	46	26	41	47	12	2.2	4.3	4.8	12	14	25.000	51	30	24	6	0.81	-9	-9
	JUP	MW	5		BC			46	67	31	58	31	11	1.1	4.5	5.0	17	8	15.000	34	21	17	7	1.33	-9	-9
	JUP	MW	6		C			67	100	35	63	29	8	0.5	4.5	5.0	23	5	10.000	26	17	14	6	1.58	-9	-9
Juniper	JUP	P	1		LFH			-8	0	0	-9	-9	-9	32.0	3.4	3.9	48	106	50.000	90	40	30	10	0.16	0	15
	JUP	P	2		A	e		0	10	22	44	45	11	1.0	3.7	4.2	54	5	15.000	42	27	22	7	1.22	0	0
	JUP	P	3		B	f		10	43	26	41	47	12	2.2	4.0	4.5	12	14	20.000	47	30	24	6	0.95	0	0
	JUP	P	4		BC			43	55	31	58	31	11	1.1	4.2	4.7	17	8	15.000	34	21	17	7	1.35	0	0
	JUP	P	5		C			55	100	35	63	29	8	0.5	4.3	4.8	23	5	8.000	26	17	14	6	1.60	0	0
Juniper	JUP	R	1		LFH			-7	0	-9	-9	-9	-9	32.0	3.6	4.1	48	106	50.000	94	40	30	10	0.16	-9	15
	JUP	R	2		A	e		0	10	22	44	45	11	1.0	3.7	4.2	54	5	15.000	42	27	22	7	1.22	-9	-9
	JUP	R	3		B	hf		10	14	26	42	45	13	6.0	4.1	4.6	12	33	30.000	53	32	24	5	0.75	-9	-9
	JUP	R	4		B	f		14	46	26	41	47	12	2.2	4.3	4.8	12	14	25.000	51	30	24	6	0.81	-9	-9
	JUP	R	5		BC			46	67	31	58	31	11	1.1	4.5	5.0	17	8	15.000	34	21	17	7	1.33	-9	-9
	JUP	R	6		C			67	100	35	63	29	8	0.5	4.5	5.0	23	5	10.000	26	17	14	6	1.58	-9	-9
Juniper	JUP	VP	1		O	m		-20	0	0	-9	-9	-9	32.0	3.5	4.0	48	106	4.000	90	70	60	30	0.16	5	15
	JUP	VP	2		A	heg		0	18	6	20	60	20	8.0	4.0	4.5	54	43	8.000	60	47	39	14	0.95	0	0
	JUP	VP	3		A	eg		18	25	22	40	51	9	1.2	4.0	4.5	11	11	10.000	40	26	22	6	1.30	0	0
	JUP	VP	4		B	g		25	45	28	58	31	11	1.0	4.1	4.6	11	10	10.000	34	22	18	7	1.40	0	0
	JUP	VP	5		C	g		45	100	35	63	29	8	0.5	4.3	4.8	23	8	8.000	26	17	14	6	1.60	0	0
Juniper	JUP	W	1		LFH			-7	0	-9	-9	-9	-9	32.0	3.6	4.1	48	106	50.000	94	40	30	10	0.16	-9	15
	JUP	W	2		A	e		0	10	22	44	45	11	1.0	3.7	4.2	54	5	15.000	42	27	22	7	1.22	-9	-9
	JUP	W	3		B	hf		10	14	26	42	45	13	6.0	4.1	4.6	12	33	30.000	53	32	24	5	0.75	-9	-9
	JUP	W	4		B	f		14	46	26	41	47	12	2.2	4.3	4.8	12	14	25.000	51	30	24	6	0.81	-9	-9
	JUP	W	5		BC			46	67	31	58	31	11	1.1	4.5	5.0	17	8	15.000	34	21	17	7	1.33	-9	-9
	JUP	W	6		C			67	100	35	63	29	8	0.5	4.5	5.0	23	5	10.000	26	17	14	6	1.58	-9	-9
Kingston	KGT	I	1		LFH			-6	0	0	-9	-9	-9	40.0	3.6	4.1	3	179	50.000	90	40	30	10	0.20	0	15
	KGT	I	2		A	e		0	9	40	52	40	8	1.0	3.6	4.1	52	10	30.000	33	15	12	5	1.20	0	0
	KGT	I	3		B	fgj		9	43	40	47	42	11	3.5	4.5	5.0	52	21	35.000	36	26	22	10	1.05	0	0
	KGT	I	4		BC	gj		43	60	60	56	30	14	1.1	4.7	5.2	48	12	1.000	19	15	13	7	1.37	0	0
	KGT	I	5		C	g		60	95	60	56	27	17	0.4	4.7	5.2	44	9	20.000	16	10	8	5	1.55	0	0
	KGT	I	6		R			95	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.65	0	0
Kingston	KGT	MW	1		LFH			-5	0	-9	-9	-9	-9	18.0	3.4	3.9	46	72	50.000	88	40	30	10	0.32	-9	15
	KGT	MW	2		A	e		0	5	12	24	57	19	3.8	3.6	4.1	3	24	14.300	50	41	35	17	1.15	-9	-9
	KGT	MW	3		B	f		5	18	12	28	60	12	1.5	4.1	4.6	28	13	15.200	51	28	23	10	1.10	-9	-9
	KGT	MW	4		B	fj		18	36	12	29	56	15	0.8	4.1	4.6	28	10	9.200	43	23	18	9	1.35	-9	-9
	KGT	MW	5		C			36	80	35	26	68	6	0.4	4.1	4.6	28	7	5.400	26	15	12	7	1.60	-9	-9
	KGT	MW	6		R			80	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.55	-9	-9

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Lith.	Master	Suffix	Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	10 Kpa	33 Kpa	1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Kingston	KGT	P	1		LFH			-12	0	0	-9	-9	-9	40.0	3.6	4.1	3	179	50.000	90	40	30	10	0.20	0	15
	KGT	P	2		A	egj		0	15	40	52	40	8	0.9	3.6	4.1	52	10	15.000	32	16	13	5	1.25	0	0
	KGT	P	3		B	g		15	30	40	47	42	11	1.5	4.5	5.0	52	21	15.000	29	18	15	6	1.35	0	0
	KGT	P	4		BC	g		30	45	40	56	30	14	0.8	4.7	5.2	48	12	4.000	27	21	19	8	1.45	0	0
	KGT	P	5		C	g		45	100	40	56	27	17	0.3	4.7	5.2	44	9	3.000	24	19	17	10	1.60	0	0
Kingston	KGT	R	1		LFH			-7	0	0	-9	-9	-9	28.0	3.5	3.8	0	120	50.000	90	40	30	10	0.05	0	5
	KGT	R	2		A	e		0	10	25	24	57	19	0.1	4.4	5.2	52	8	14.300	46	39	35	17	1.20	0	0
	KGT	R	3		B	f		10	23	35	28	56	16	1.5	4.8	4.6	84	7	15.200	44	29	25	12	1.10	0	0
	KGT	R	4		BC			23	41	50	29	54	17	0.7	4.8	4.6	84	7	2.000	24	14	12	6	1.50	0	0
	KGT	R	5		C			41	100	60	26	59	15	0.1	4.9	4.6	92	7	0.900	14	13	11	6	1.70	0	0
Kingston	KGT	VP	1		O	f		-27	-22	0	-9	-9	-9	44.1	3.9	4.4	16	125	10.000	90	50	40	15	0.08	3	15
	KGT	VP	2		O	m		-22	0	0	-9	-9	-9	48.1	4.0	4.5	20	150	4.000	90	70	60	30	0.20	5	15
	KGT	VP	3		A	eg		0	15	40	52	40	8	0.9	3.6	4.1	52	10	15.000	32	16	13	5	1.25	0	0
	KGT	VP	4		B	g		15	30	40	47	42	11	1.5	4.5	5.0	52	21	15.000	29	18	15	6	1.35	0	0
	KGT	VP	5		BC	g		30	45	40	56	30	14	0.8	4.7	5.2	48	12	4.000	27	21	19	8	1.45	0	0
	KGT	VP	6		C	g		45	100	40	56	27	17	0.3	4.7	5.2	44	9	3.000	24	19	17	10	1.60	0	0
Kingston	KGT	W	1		LFH			-5	0	-9	-9	-9	-9	18.0	3.4	3.9	46	72	50.000	88	40	30	10	0.32	-9	15
	KGT	W	2		A	e		0	5	12	24	57	19	3.8	3.6	4.1	3	24	14.300	50	41	35	17	1.15	-9	-9
	KGT	W	3		B	f		5	18	12	28	60	12	1.5	4.1	4.6	28	13	15.200	51	28	23	10	1.10	-9	-9
	KGT	W	4		B	fj		18	36	12	29	56	15	0.8	4.1	4.6	28	10	9.200	43	23	18	9	1.35	-9	-9
	KGT	W	5		C			36	80	35	26	68	6	0.4	4.1	4.6	28	7	5.400	26	15	12	7	1.60	-9	-9
	KGT	W	6		R			80	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.55	-9	-9
Long Lake	LGK	I	1		LFH			-16	0	-9	-9	-9	-9	52.0	4.1	4.6	19	102	50.000	92	40	30	10	0.22	-9	15
	LGK	I	2		A	egj		0	12	16	44	35	21	1.0	4.5	5.0	60	13	15.000	46	31	26	11	1.20	-9	-9
	LGK	I	3		B	fgj		12	37	26	42	44	14	3.5	4.3	4.8	44	22	20.000	35	25	21	10	1.40	-9	-9
	LGK	I	4		BC	gj		37	50	25	47	41	12	0.8	4.5	5.0	60	10	4.000	28	24	19	9	1.65	-9	-9
	LGK	I	5		C	g		50	100	30	52	36	12	0.3	4.7	5.2	76	8	0.800	22	21	19	10	1.80	-9	-9
Long Lake	LGK	MW	1		LFH			-7	0	0	-9	-9	-9	52.1	3.9	4.0	19	103	50.000	90	40	30	10	0.22	0	5
	LGK	MW	2		A	e		0	4	0	44	35	21	1.3	3.2	5.2	7	10	15.000	58	46	40	14	1.10	0	0
	LGK	MW	3		B	hf		4	28	35	29	51	20	10.4	4.5	5.7	2	71	30.000	48	31	23	5	0.71	0	0
	LGK	MW	4		B	fh		28	46	0	44	46	10	5.4	4.8	5.4	3	40	25.000	59	27	21	8	1.10	0	0
	LGK	MW	5		BC			46	53	40	36	54	10	1.0	5.0	5.4	11	11	10.000	24	12	9	6	1.60	0	0
	LGK	MW	6		C			53	100	0	42	46	12	0.5	5.2	5.9	8	8	0.800	33	31	29	13	1.77	0	0
Long Lake	LGK	P	1		LFH			-7	0	0	-9	-9	-9	52.1	3.9	4.0	19	103	50.000	90	40	30	10	0.22	0	5
	LGK	P	2		A	e		0	4	-9	44	35	21	1.3	3.2	4.0	7	10	7.000	56	39	34	15	1.30	0	0
	LGK	P	3		B	hf		4	28	35	29	51	20	10.4	4.5	5.0	2	71	30.000	48	31	23	5	0.71	0	0
	LGK	P	4		B	fh		28	46	0	44	46	10	5.4	4.8	5.2	3	40	2.000	51	36	31	11	1.30	0	0
	LGK	P	5		BC			46	53	40	36	54	10	1.0	5.0	5.5	11	11	10.000	24	12	9	6	1.60	0	0
	LGK	P	6		C			53	100	0	42	46	12	0.5	5.2	5.9	8	8	0.800	33	31	29	13	1.77	0	0
Long Lake	LGK	R	1		LFH			-7	0	0	-9	-9	-9	52.1	3.9	4.0	19	103	50.000	90	40	30	10	0.22	0	5
	LGK	R	2		A	e		0	4	0	44	35	21	1.3	3.2	5.2	7	10	15.000	58	46	40	14	1.10	0	0
	LGK	R	3		B	hf		4	28	35	29	51	20	10.4	4.5	5.7	2	71	30.000	48	31	23	5	0.71	0	0
	LGK	R	4		B	fh		28	46	0	44	46	10	5.4	4.8	5.4	3	40	25.000	59	27	21	8	1.10	0	0
	LGK	R	5		BC			46	53	40	36	54	10	1.0	5.0	5.4	11	11	10.000	24	12	9	6	1.60	0	0
	LGK	R	6		C			53	100	0	42	46	12	0.5	5.2	5.9	8	8	0.800	33	31	29	13	1.77	0	0
Long Lake	LGK	W	1		LFH			-7	0	0	-9	-9	-9	52.1	3.9	4.0	19	103	50.000	90	40	30	10	0.22	0	5
	LGK	W	2		A	e		0	4	0	44	35	21	1.3	3.2	5.2	7	10	15.000	58	46	40	14	1.10	0	0
	LGK	W	3		B	hf		4	28	35	29	51	20	10.4	4.5	5.7	2	71	30.000	48	31	23	5	0.71	0	0
	LGK	W	4		B	fh		28	46	0	44	46	10	5.4	4.8	5.4	3	40	25.000	59	27	21	8	1.10	0	0
	LGK	W	5		BC			46	53	40	36	54	10	1.0	5.0	5.4	11	11	10.000	24	12	9	6	1.60	0	0
	LGK	W	6		C			53	100	0	42	46	12	0.5	5.2	5.9	8	8	0.800	33	31	29	13	1.77	0	0

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Horizon Lith.	Horizon Master	Horizon Suffix	Horizon Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	Water Retention 10 Kpa	Water Retention 33 Kpa	Water Retention 1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Lomond	LMD	I	1		LFH			-6	0	0	-9	-9	-9	40.0	3.6	4.1	3	179	50.000	90	40	30	10	0.20	0	15
	LMD	I	2		A	e		0	9	40	52	40	8	1.0	3.6	4.1	52	10	30.000	33	15	12	5	1.20	0	0
	LMD	I	3		B	fgj		9	43	40	47	42	11	3.5	4.5	5.0	52	21	35.000	36	26	22	10	1.05	0	0
	LMD	I	4		BC	gj		43	60	60	56	30	14	1.1	4.7	5.2	48	12	1.000	19	15	13	7	1.37	0	0
	LMD	I	5		C	g		60	95	60	56	27	17	0.4	4.7	5.2	44	9	20.000	16	10	8	5	1.55	0	0
	LMD	I	6		R			95	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.65	0	0
Lomond	LMD	MW	1		LFH			-6	0	-9	-9	-9	-9	40.0	3.6	4.1	3	179	50.000	92	38	27	12	0.20	-9	15
	LMD	MW	2		A	e		0	9	40	52	40	8	1.0	3.6	4.1	3	10	30.000	33	15	12	5	1.20	-9	-9
	LMD	MW	3		B	f		9	43	40	47	42	11	3.5	4.5	5.0	60	21	35.000	36	26	22	10	1.05	-9	-9
	LMD	MW	4		BC			43	60	60	56	30	14	1.1	4.7	5.2	76	12	27.000	19	11	9	5	1.37	-9	-9
	LMD	MW	5		C			60	80	60	56	27	17	0.4	4.7	5.2	76	9	20.000	16	10	8	5	1.55	-9	-9
	LMD	MW	6		R			80	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.65	-9	-9
Lomond	LMD	P	1		LFH			-12	0	0	-9	-9	-9	40.0	3.6	4.1	3	179	50.000	90	40	30	10	0.20	0	15
	LMD	P	2		A	egj		0	15	40	52	40	8	0.9	3.6	4.1	52	10	15.000	32	16	13	5	1.25	0	0
	LMD	P	3		B	g		15	30	40	47	42	11	1.5	4.5	5.0	52	21	15.000	29	18	15	6	1.35	0	0
	LMD	P	4		BC	g		30	45	40	56	30	14	0.8	4.7	5.2	48	12	4.000	27	21	19	8	1.45	0	0
	LMD	P	5		C	g		45	100	40	56	27	17	0.3	4.7	5.2	44	9	3.000	24	19	17	10	1.60	0	0
Lomond	LMD	R	1		LFH			-6	0	-9	-9	-9	-9	40.0	3.6	4.1	3	179	50.000	92	38	27	12	0.20	-9	15
	LMD	R	2		A	e		0	9	40	52	40	8	1.0	3.6	4.1	3	10	30.000	33	15	12	5	1.20	-9	-9
	LMD	R	3		B	f		9	43	40	47	42	11	3.5	4.5	5.0	60	21	35.000	36	26	22	10	1.05	-9	-9
	LMD	R	4		BC			43	60	60	56	30	14	1.1	4.7	5.2	76	12	27.000	19	11	9	5	1.37	-9	-9
	LMD	R	5		C			60	80	60	56	27	17	0.4	4.7	5.2	76	9	20.000	16	10	8	5	1.55	-9	-9
	LMD	R	6		R			80	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.65	-9	-9
Lomond	LMD	W	1		LFH			-6	0	-9	-9	-9	-9	40.0	3.6	4.1	3	179	50.000	92	38	27	12	0.20	-9	15
	LMD	W	2		A	e		0	9	40	52	40	8	1.0	3.6	4.1	3	10	30.000	33	15	12	5	1.20	-9	-9
	LMD	W	3		B	f		9	43	40	47	42	11	3.5	4.5	5.0	60	21	35.000	36	26	22	10	1.05	-9	-9
	LMD	W	4		BC			43	60	60	56	30	14	1.1	4.7	5.2	76	12	27.000	19	11	9	5	1.37	-9	-9
	LMD	W	5		C			60	80	60	56	27	17	0.4	4.7	5.2	76	9	20.000	16	10	8	5	1.55	-9	-9
	LMD	W	6		R			80	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.65	-9	-9
Mafic Volcanic	MVC	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
Mafic Volcanic	MVC	MW	1		LFH			-3	0	0	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	MW	2		A	hj		0	4	10	25	62	13	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	MW	3		B	fh		4	18	10	45	39	16	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	MW	4		B	f		11	27	20	45	39	16	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	MW	5		BC			27	47	30	45	39	16	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	MW	6		C			47	83	40	64	26	10	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
Mafic Volcanic	MVC	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Horizon Lith.	Horizon Master	Horizon Suffix	Horizon Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	Water Retention 10 Kpa	Water Retention 33 Kpa	Water Retention 1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Mafic Volcanic	MVC	R	1		LFH			-3	0	0	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	R	2		A	hj		0	4	10	25	62	13	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	R	3		B	fh		4	18	10	45	39	16	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	R	4		B	f		11	27	20	45	39	16	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	R	5		BC			27	47	30	45	39	16	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	R	6		C			47	83	40	64	26	10	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
Mafic Volcanic	MVC	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
Mafic Volcanic	MVC	W	1		LFH			-3	0	0	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	W	2		A	hj		0	4	10	25	62	13	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	W	3		B	fh		4	18	10	45	39	16	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	W	4		B	f		11	27	20	45	39	16	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	W	5		BC			27	47	30	45	39	16	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	MVC	W	6		C			47	83	40	64	26	10	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
Pinder	PND	MW	1		LFH			-6	0	-9	-9	-9	-9	31.0	4.8	5.3	32	87	50.000	90	40	30	10	0.26	-9	15
	PND	MW	2		A	e		0	5	10	53	33	14	2.3	3.4	3.9	0	17	15.200	54	36	28	13	1.05	-9	-9
	PND	MW	3		B	hf		5	11	10	59	29	12	5.1	4.2	4.8	36	29	21.600	65	55	41	18	0.74	-9	-9
	PND	MW	4		B	f		11	31	13	60	23	17	3.1	4.4	4.9	52	21	15.200	55	42	32	15	0.98	-9	-9
	PND	MW	5		BC			31	50	25	50	31	19	0.6	4.3	4.8	44	10	3.000	32	22	17	10	1.55	-9	-9
	PND	MW	6		C			50	100	35	51	33	16	0.3	4.6	4.9	68	8	0.200	23	22	18	10	1.71	-9	-9
Pinder	PND	R	1		LFH			-6	0	-9	-9	-9	-9	31.0	4.8	5.3	32	87	50.000	90	40	30	10	0.26	-9	15
	PND	R	2		A	e		0	5	10	53	33	14	2.3	3.4	3.9	0	17	15.200	54	36	28	13	1.05	-9	-9
	PND	R	3		B	hf		5	11	10	59	29	12	5.1	4.2	4.8	36	29	21.600	65	55	41	18	0.74	-9	-9
	PND	R	4		B	f		11	31	13	60	23	17	3.1	4.4	4.9	52	21	15.200	55	42	32	15	0.98	-9	-9
	PND	R	5		BC			31	50	25	50	31	19	0.6	4.3	4.8	44	10	3.000	32	22	17	10	1.55	-9	-9
	PND	R	6		C			50	100	35	51	33	16	0.3	4.6	4.9	68	8	0.200	23	22	18	10	1.71	-9	-9
Pinder	PND	W	1		LFH			-6	0	-9	-9	-9	-9	31.0	4.8	5.3	32	87	50.000	90	40	30	10	0.26	-9	15
	PND	W	2		A	e		0	5	10	53	33	14	2.3	3.4	3.9	0	17	15.200	54	36	28	13	1.05	-9	-9
	PND	W	3		B	hf		5	11	10	59	29	12	5.1	4.2	4.8	36	29	21.600	65	55	41	18	0.74	-9	-9
	PND	W	4		B	f		11	31	13	60	23	17	3.1	4.4	4.9	52	21	15.200	55	42	32	15	0.98	-9	-9
	PND	W	5		BC			31	50	25	50	31	19	0.6	4.3	4.8	44	10	3.000	32	22	17	10	1.55	-9	-9
	PND	W	6		C			50	100	35	51	33	16	0.3	4.6	4.9	68	8	0.200	23	22	18	10	1.71	-9	-9
Popple Depot	POP	I	1		LFH			-7	0	-9	-9	-9	-9	53.0	4.0	4.5	16	107	50.000	94	40	30	10	0.17	-9	5
	POP	I	2		A	e		0	5	20	64	26	10	1.2	4.2	4.7	36	11	18.000	50	30	24	7	1.00	-9	-9
	POP	I	3		B	fgj	1	5	20	20	50	35	15	4.5	4.3	4.8	44	27	30.000	47	42	32	7	1.10	-9	-9
	POP	I	4		B	fgj	2	20	34	20	42	43	15	2.7	4.6	5.1	68	19	18.000	44	29	24	7	1.19	-9	-9
	POP	I	5		BC	gj		34	45	30	55	35	10	0.7	4.9	5.4	92	9	3.000	29	22	18	6	1.54	-9	-9
	POP	I	6		C	gj		45	100	30	55	36	9	0.3	4.7	5.2	76	7	0.500	22	20	19	9	1.81	-9	-9
Popple Depot	POP	MW	1		LFH			-7	0	-9	-9	-9	-9	53.0	4.0	4.5	16	107	50.000	94	40	30	10	0.17	-9	5
	POP	MW	2		A	e		0	7	20	64	26	10	1.2	4.2	4.7	36	11	18.000	50	30	24	7	1.00	-9	-9
	POP	MW	3		B	hf		7	21	20	50	35	15	11.3	4.3	4.8	44	56	30.000	52	42	32	7	0.95	-9	-9
	POP	MW	4		B	f		21	34	20	42	43	15	3.2	4.6	5.1	68	21	18.000	44	29	24	7	1.19	-9	-9
	POP	MW	5		BC			34	45	30	55	35	10	0.8	4.9	5.4	92	9	3.000	29	23	18	7	1.54	-9	-9
	POP	MW	6		C			45	100	30	55	36	9	0.3	4.7	5.2	76	7	0.500	22	20	19	9	1.81	-9	-9

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Horizon Lith.	Horizon Master	Horizon Suffix	Horizon Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	Water Retention 10 Kpa	Water Retention 33 Kpa	Water Retention 1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Popple	POP	P	1		LFH			-20	0	-9	-9	-9	-9	58.0	4.0	4.5	24	103	50.000	93	40	30	10	0.18	-9	15
Depot	POP	P	2		A	he		0	3	15	23	55	22	7.0	4.7	5.2	76	39	12.000	54	41	34	13	0.95	-9	-9
	POP	P	3		A	eg		3	20	22	30	55	15	0.9	4.3	4.8	44	11	10.000	40	29	25	9	1.30	-9	-9
	POP	P	4		B	g		20	35	25	47	41	12	1.2	4.3	4.8	44	12	10.000	33	25	21	8	1.50	-9	-9
	POP	P	5		C	g		35	100	30	55	35	10	0.3	4.5	5.0	60	7	5.000	22	20	16	9	1.80	-9	-9
Popple	POP	R	1		LFH			-7	0	-9	-9	-9	-9	53.0	4.0	4.5	16	107	50.000	94	40	30	10	0.17	-9	5
Depot	POP	R	2		A	e		0	7	20	64	26	10	1.2	4.2	4.7	36	11	18.000	50	30	24	7	1.00	-9	-9
	POP	R	3		B	hf		7	21	20	50	35	15	11.3	4.3	4.8	44	56	30.000	52	42	32	7	0.95	-9	-9
	POP	R	4		B	f		21	34	20	42	43	15	3.2	4.6	5.1	68	21	18.000	44	29	24	7	1.19	-9	-9
	POP	R	5		BC			34	45	30	55	35	10	0.8	4.9	5.4	92	9	3.000	29	23	18	7	1.54	-9	-9
	POP	R	6		C			45	100	30	55	36	9	0.3	4.7	5.2	76	7	0.500	22	20	19	9	1.81	-9	-9
Popple	POP	VP	1		LFH			-20	0	-9	-9	-9	-9	58.0	4.0	4.5	24	103	50.000	93	40	30	10	0.18	-9	15
Depot	POP	VP	2		A	he		0	3	15	23	55	22	7.0	4.7	5.2	76	39	12.000	54	41	34	13	0.95	-9	-9
	POP	VP	3		A	eg		3	20	22	30	55	15	0.9	4.3	4.8	44	11	10.000	40	29	25	9	1.30	-9	-9
	POP	VP	4		B	g		20	35	25	47	41	12	1.2	4.3	4.8	44	12	10.000	33	25	21	8	1.50	-9	-9
	POP	VP	5		C	g		35	100	30	55	35	10	0.3	4.5	5.0	60	7	5.000	22	20	16	9	1.80	-9	-9
Popple	POP	W	1		LFH			-7	0	-9	-9	-9	-9	53.0	4.0	4.5	16	107	50.000	94	40	30	10	0.17	-9	5
Depot	POP	W	2		A	e		0	7	20	64	26	10	1.2	4.2	4.7	36	11	18.000	50	30	24	7	1.00	-9	-9
	POP	W	3		B	hf		7	21	20	50	35	15	11.3	4.3	4.8	44	56	30.000	52	42	32	7	0.95	-9	-9
	POP	W	4		B	f		21	34	20	42	43	15	3.2	4.6	5.1	68	21	18.000	44	29	24	7	1.19	-9	-9
	POP	W	5		BC			34	45	30	55	35	10	0.8	4.9	5.4	92	9	3.000	29	23	18	7	1.54	-9	-9
	POP	W	6		C			45	100	30	55	36	9	0.3	4.7	5.2	76	7	0.500	22	20	19	9	1.81	-9	-9
Parry	PRY	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	I	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
Parry	PRY	MW	1		LFH			-5	0	-9	-9	-9	-9	38.0	4.0	4.5	0	84	50.000	92	40	28	13	0.21	-9	15
	PRY	MW	2		A	e		0	5	10	56	34	10	0.8	4.2	4.8	36	9	15.000	50	23	19	6	1.19	-9	-9
	PRY	MW	3		B	f		5	25	20	52	37	11	1.6	4.5	5.0	60	13	31.000	47	32	28	10	1.10	-9	-9
	PRY	MW	4		B	fj		25	45	20	54	35	11	0.5	4.4	5.0	52	8	3.000	39	28	24	10	1.35	-9	-9
	PRY	MW	5		BC			45	67	20	55	34	11	0.2	4.4	5.1	52	7	0.050	28	26	23	6	1.73	-9	-9
	PRY	MW	6		C			67	100	20	60	31	9	0.2	4.2	5.0	36	7	0.100	29	24	18	4	1.70	-9	-9
Parry	PRY	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	P	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
Parry	PRY	R	1		LFH			-5	0	-9	-9	-9	-9	38.0	4.0	4.5	0	84	50.000	92	40	28	13	0.21	-9	15
	PRY	R	2		A	e		0	5	10	56	34	10	0.8	4.2	4.8	36	9	15.000	50	23	19	6	1.19	-9	-9
	PRY	R	3		B	f		5	25	20	52	37	11	1.6	4.5	5.0	60	13	31.000	47	32	28	10	1.10	-9	-9
	PRY	R	4		B	fj		25	45	20	54	35	11	0.5	4.4	5.0	52	8	3.000	39	28	24	10	1.35	-9	-9
	PRY	R	5		BC			45	67	20	55	34	11	0.2	4.4	5.1	52	7	0.050	28	26	23	6	1.73	-9	-9
	PRY	R	6		C			67	100	20	60	31	9	0.2	4.2	5.0	36	7	0.100	29	24	18	4	1.70	-9	-9

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Horizon Lith.	Horizon Master	Horizon Suffix	Horizon Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	Water Retention 10 Kpa	Water Retention 33 Kpa	Water Retention 1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Parry	PRY	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	PRY	VP	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
Parry	PRY	W	1		LFH			-5	0	-9	-9	-9	-9	38.0	4.0	4.5	0	84	50.000	92	40	28	13	0.21	-9	15
	PRY	W	2		A	e		0	5	10	56	34	10	0.8	4.2	4.8	36	9	15.000	50	23	19	6	1.19	-9	-9
	PRY	W	3		B	f		5	25	20	52	37	11	1.6	4.5	5.0	60	13	31.000	47	32	28	10	1.10	-9	-9
	PRY	W	4		B	fj		25	45	20	54	35	11	0.5	4.4	5.0	52	8	3.000	39	28	24	10	1.35	-9	-9
	PRY	W	5		BC			45	67	20	55	34	11	0.2	4.4	5.1	52	7	0.050	28	26	23	6	1.73	-9	-9
	PRY	W	6		C			67	100	20	60	31	9	0.2	4.2	5.0	36	7	0.100	29	24	18	4	1.70	-9	-9
Parleeville-Tobique	PVT	I	1		LFH			-3	0	0	-9	-9	-9	35.0	3.6	4.1	58	73	50.000	90	40	30	10	0.20	0	15
	PVT	I	2		A	e		0	10	34	50	38	12	1.2	3.3	3.9	11	10	20.000	36	17	14	6	1.20	0	0
	PVT	I	3		B	fgj		10	29	36	43	45	12	3.0	4.3	4.8	11	10	21.600	56	48	41	19	0.90	0	0
	PVT	I	4		BC	gj		29	46	40	52	34	14	0.9	4.3	4.8	33	7	10.000	31	22	19	7	1.30	0	0
	PVT	I	5	2	C	gj		46	95	41	52	30	18	0.4	4.4	4.9	70	8	6.600	28	17	15	8	1.50	0	0
	PVT	I	6		R			95	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.65	0	0
Parleeville-Tobique	PVT	MW	1		LFH			-3	0	-9	-9	-9	-9	35.0	3.6	4.1	58	73	50.000	92	40	30	10	0.20	-9	15
	PVT	MW	2		A	e		0	10	34	50	38	12	1.2	3.3	3.9	0	12	10.000	36	24	22	11	1.20	-9	-9
	PVT	MW	3		B	f		10	29	36	43	45	12	3.0	4.3	4.8	44	19	20.000	43	20	14	6	0.90	-9	-9
	PVT	MW	4		BC			29	46	40	52	34	14	0.9	4.3	4.8	44	11	10.000	31	18	13	7	1.30	-9	-9
	PVT	MW	5	2	C			46	95	41	52	30	18	0.4	4.4	4.9	52	9	5.000	25	18	15	10	1.50	-9	-9
	PVT	MW	6		R			95	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.65	-9	-9
Parleeville-Tobique	PVT	P	1		LFH			-5	0	0	-9	-9	-9	35.0	4.7	5.2	100	73	50.000	90	40	30	10	0.20	0	15
	PVT	P	2		A	heg		0	8	8	25	52	23	6.0	4.9	5.4	50	35	8.000	53	41	37	16	1.10	0	0
	PVT	P	3		B	g		8	28	34	40	50	10	1.5	5.1	5.6	55	13	7.000	32	22	18	6	1.35	0	0
	PVT	P	4	2	C	g		28	100	40	55	31	14	0.5	5.3	5.8	60	9	3.000	25	18	15	8	1.55	0	0
Parleeville-Tobique	PVT	R	1		LFH			-3	0	-9	-9	-9	-9	35.0	3.6	4.1	58	73	50.000	92	40	30	10	0.20	-9	15
	PVT	R	2		A	e		0	10	34	50	38	12	1.2	3.3	3.9	0	12	10.000	36	24	22	11	1.20	-9	-9
	PVT	R	3		B	f		10	29	36	43	45	12	3.0	4.3	4.8	44	19	20.000	43	20	14	6	0.90	-9	-9
	PVT	R	4		BC			29	46	40	52	34	14	0.9	4.3	4.8	44	11	10.000	31	18	13	7	1.30	-9	-9
	PVT	R	5	2	C			46	95	41	52	30	18	0.4	4.4	4.9	52	9	5.000	25	18	15	10	1.50	-9	-9
	PVT	R	6		R			95	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.65	-9	-9
Parleeville-Tobique	PVT	VP	1		LFH			-5	0	0	-9	-9	-9	35.0	4.7	5.2	100	73	50.000	90	40	30	10	0.20	0	15
	PVT	VP	2		A	heg		0	8	8	25	52	23	6.0	4.9	5.4	50	35	8.000	53	41	37	16	1.10	0	0
	PVT	VP	3		B	g		8	28	34	40	50	10	1.5	5.1	5.6	55	13	7.000	32	22	18	6	1.35	0	0
	PVT	VP	4	2	C	g		28	100	40	55	31	14	0.5	5.3	5.8	60	9	3.000	25	18	15	8	1.55	0	0
Parleeville-Tobique	PVT	W	1		LFH			-3	0	-9	-9	-9	-9	35.0	3.6	4.1	58	73	50.000	92	40	30	10	0.20	-9	15
	PVT	W	2		A	e		0	10	34	50	38	12	1.2	3.3	3.9	0	12	10.000	36	24	22	11	1.20	-9	-9
	PVT	W	3		B	f		10	29	36	43	45	12	3.0	4.3	4.8	44	19	20.000	43	20	14	6	0.90	-9	-9
	PVT	W	4		BC			29	46	40	52	34	14	0.9	4.3	4.8	44	11	10.000	31	18	13	7	1.30	-9	-9
	PVT	W	5	2	C			46	95	41	52	30	18	0.4	4.4	4.9	52	9	5.000	25	18	15	10	1.50	-9	-9
	PVT	W	6		R			95	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.65	-9	-9
Reece	REC	I	1		LFH			-4	0	-9	-9	-9	-9	44.0	3.6	4.3	3	74	50.000	93	40	28	13	0.22	-9	15
	REC	I	2		A	e		0	8	10	69	24	7	0.9	3.3	3.9	0	5	20.000	49	30	23	9	1.22	-9	-9
	REC	I	3		B	fgj		8	27	9	64	25	11	2.2	4.3	5.0	44	15	26.000	55	33	24	10	1.06	-9	-9
	REC	I	4		B	fjgj		27	38	11	61	24	15	0.8	4.7	5.3	76	7	18.000	50	29	25	8	1.17	-9	-9
	REC	I	5		BC	xjgj		38	58	13	59	23	18	0.3	4.2	4.9	36	6	0.500	30	30	27	12	1.73	-9	-9
	REC	I	6		C	gj		58	100	20	51	27	22	0.2	4.0	4.8	20	8	0.200	25	23	21	12	1.83	-9	-9

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Lith.	Master	Suffix	Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	Water Retention 10 Kpa	Water Retention 33 Kpa	Water Retention 1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Reece	REC	MW	1		LFH			-4	0	-9	-9	-9	-9	44.0	3.6	4.3	3	74	50.000	93	40	28	13	0.22	-9	15
	REC	MW	2		A	e		0	8	10	69	24	7	0.9	3.3	3.9	0	5	20.000	49	30	23	9	1.22	-9	-9
	REC	MW	3		B	f		8	29	9	64	25	11	2.2	4.3	5.0	44	15	26.000	55	33	24	10	1.06	-9	-9
	REC	MW	4		B	fj		29	48	11	61	24	15	0.8	4.7	5.3	76	7	18.000	50	29	25	8	1.17	-9	-9
	REC	MW	5		BC	x		48	73	13	59	23	18	0.3	4.2	4.9	36	6	0.500	30	30	27	12	1.73	-9	-9
	REC	MW	6		C			73	100	20	51	27	22	0.2	4.0	4.8	20	8	0.200	25	23	21	12	1.83	-9	-9
Reece	REC	P	1		LFH			-8	0	-9	-9	-9	-9	39.0	3.5	4.1	0	69	50.000	91	40	28	13	0.24	-9	15
	REC	P	2		A	eg		0	14	7	65	27	8	0.6	4.0	4.6	20	8	5.000	37	34	32	7	1.59	-9	-9
	REC	P	3		B	fg		14	29	14	65	24	11	2.8	4.4	5.2	52	18	2.000	38	29	24	9	1.49	-9	-9
	REC	P	4		BC	g		29	48	15	66	22	12	0.6	4.7	5.3	76	10	0.300	29	29	25	8	1.74	-9	-9
	REC	P	5		C	g		48	100	25	53	29	18	0.3	4.5	5.4	60	9	0.100	20	20	17	10	1.95	-9	-9
Reece	REC	R	1		LFH			-4	0	-9	-9	-9	-9	44.0	3.6	4.3	3	74	50.000	93	40	28	13	0.22	-9	15
	REC	R	2		A	e		0	8	10	69	24	7	0.9	3.3	3.9	0	5	20.000	49	30	23	9	1.22	-9	-9
	REC	R	3		B	f		8	29	9	64	25	11	2.2	4.3	5.0	44	15	26.000	55	33	24	10	1.06	-9	-9
	REC	R	4		B	fj		29	48	11	61	24	15	0.8	4.7	5.3	76	7	18.000	50	29	25	8	1.17	-9	-9
	REC	R	5		BC	x		48	73	13	59	23	18	0.3	4.2	4.9	36	6	0.500	30	30	27	12	1.73	-9	-9
	REC	R	6		C			73	100	20	51	27	22	0.2	4.0	4.8	20	8	0.200	25	23	21	12	1.83	-9	-9
Reece	REC	VP	1		LFH			-8	0	-9	-9	-9	-9	39.0	3.5	4.1	0	69	50.000	91	40	28	13	0.24	-9	15
	REC	VP	2		A	eg		0	14	7	65	27	8	0.6	4.0	4.6	20	8	5.000	37	34	32	7	1.59	-9	-9
	REC	VP	3		B	fg		14	29	14	65	24	11	2.8	4.4	5.2	52	18	2.000	38	29	24	9	1.49	-9	-9
	REC	VP	4		BC	g		29	48	15	66	22	12	0.6	4.7	5.3	76	10	0.300	29	29	25	8	1.74	-9	-9
	REC	VP	5		C	g		48	100	25	53	29	18	0.3	4.5	5.4	60	9	0.100	20	20	17	10	1.95	-9	-9
Reece	REC	W	1		LFH			-4	0	-9	-9	-9	-9	44.0	3.6	4.3	3	74	50.000	93	40	28	13	0.22	-9	15
	REC	W	2		A	e		0	8	10	69	24	7	0.9	3.3	3.9	0	5	20.000	49	30	23	9	1.22	-9	-9
	REC	W	3		B	f		8	29	9	64	25	11	2.2	4.3	5.0	44	15	26.000	55	33	24	10	1.06	-9	-9
	REC	W	4		B	fj		29	48	11	61	24	15	0.8	4.7	5.3	76	7	18.000	50	29	25	8	1.17	-9	-9
	REC	W	5		BC	x		48	73	13	59	23	18	0.3	4.2	4.9	36	6	0.500	30	30	27	12	1.73	-9	-9
	REC	W	6		C			73	100	20	51	27	22	0.2	4.0	4.8	20	8	0.200	25	23	21	12	1.83	-9	-9
Riverbank	RVK	I	1		LFH			-7	0	0	-9	-9	-9	40.0	3.8	4.3	10	100	50.000	90	40	30	10	0.22	0	15
	RVK	I	2		A	e		0	10	0	67	26	7	0.6	3.7	4.2	12	8	33.000	51	27	21	7	1.30	0	0
	RVK	I	3		B	fgj		10	26	2	70	21	9	1.6	4.4	4.9	68	14	35.000	57	33	24	7	1.10	0	0
	RVK	I	4		BC	gj		26	51	1	80	15	5	0.5	4.8	5.3	76	7	12.000	50	24	18	9	1.30	0	0
	RVK	I	5		C	gj		51	100	2	90	6	4	0.2	4.8	5.3	76	5	46.000	42	10	7	4	1.52	0	0
Riverbank	RVK	MW	1		LFH			-2	0	0	-9	-9	-9	42.5	3.4	4.0	6	189	50.000	90	40	30	10	0.05	0	5
	RVK	MW	2		A	e		0	12	0	89	7	4	0.3	3.5	4.0	5	6	20.000	57	22	17	7	1.30	0	0
	RVK	MW	3		B	fj		12	25	0	88	1	10	0.8	4.5	5.1	10	9	20.000	59	30	26	10	1.10	0	0
	RVK	MW	4		BC			25	42	0	94	0	6	0.3	5.0	5.5	5	6	12.000	43	27	21	7	1.50	0	0
	RVK	MW	5		CB			42	69	0	97	0	3	0.1	4.8	5.3	3	5	20.000	40	14	11	6	1.60	0	0
	RVK	MW	6		C			69	100	0	98	0	3	0.1	4.6	5.2	7	5	20.000	40	14	11	6	1.60	0	0
Riverbank	RVK	P	1		LFH			-12	0	0	-9	-9	-9	40.0	3.6	4.1	10	100	50.000	90	40	30	10	0.22	0	15
	RVK	P	2		A	egj		0	9	1	82	14	4	0.5	3.8	4.3	12	7	30.000	47	16	12	5	1.40	0	0
	RVK	P	3		B	g		9	55	1	86	8	6	0.3	4.7	5.2	36	7	8.000	47	14	12	7	1.40	0	0
	RVK	P	4		C	g		55	100	1	96	2	2	0.1	4.8	5.4	52	5	25.000	40	10	7	3	1.60	0	0
Riverbank	RVK	R	1		LFH			-2	0	0	-9	-9	-9	42.5	3.4	4.0	6	189	50.000	90	40	30	10	0.05	0	5
	RVK	R	2		A	e		0	12	0	89	7	4	0.3	3.5	4.0	5	6	20.000	57	22	17	7	1.30	0	0
	RVK	R	3		B	fj		12	25	0	88	1	10	0.8	4.5	5.1	10	9	20.000	59	30	26	10	1.10	0	0
	RVK	R	4		BC			25	42	0	94	0	6	0.3	5.0	5.5	5	6	12.000	43	27	21	7	1.50	0	0
	RVK	R	5		CB			42	69	0	97	0	3	0.1	4.8	5.3	3	5	20.000	40	14	11	6	1.60	0	0
	RVK	R	6		C			69	100	0	98	0	3	0.1	4.6	5.2	7	5	20.000	40	14	11	6	1.60	0	0

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Lith.	Master	Suffix	Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Silt	Clay	Organic Carbon	pH CaCl	H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	10 Kpa	33 Kpa	1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Riverbank	RVK	VP	1		O	m		-15	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	92	40	28	13	0.22	5	15
	RVK	VP	2		A	eg		0	17	1	72	21	7	0.5	3.8	4.7	12	7	12.000	47	26	20	8	1.40	-9	-9
	RVK	VP	3		B	g		17	35	1	77	13	10	0.3	4.2	4.8	36	7	8.000	47	18	16	8	1.40	-9	-9
	RVK	VP	4		C	g		35	100	1	92	5	3	0.1	4.8	5.4	52	5	8.000	40	11	7	4	1.60	-9	-9
Riverbank	RVK	W	1		LFH			-2	0	0	-9	-9	-9	42.5	3.4	4.0	6	189	50.000	90	40	30	10	0.05	0	5
	RVK	W	2		A	e		0	12	0	89	7	4	0.3	3.5	4.0	5	6	20.000	57	22	17	7	1.30	0	0
	RVK	W	3		B	fj		12	25	0	88	1	10	0.8	4.5	5.1	10	9	20.000	59	30	26	10	1.10	0	0
	RVK	W	4		BC			25	42	0	94	0	6	0.3	5.0	5.5	5	6	12.000	43	27	21	7	1.50	0	0
	RVK	W	5		CB			42	69	0	97	0	3	0.1	4.8	5.3	3	5	20.000	40	14	11	6	1.60	0	0
	RVK	W	6		C			69	100	0	98	0	3	0.1	4.6	5.2	7	5	20.000	40	14	11	6	1.60	0	0
Salt	SAP	I	1		LFH			-10	0	0	-9	-9	-9	28.0	3.7	4.2	10	126	50.000	90	40	30	10	0.20	0	15
Springs	SAP	I	2		A	h		0	14	5	19	44	37	4.0	4.3	4.8	44	26	14.300	58	46	41	21	1.20	0	0
	SAP	I	3		B	g		14	30	12	23	47	30	0.8	4.2	5.0	36	11	5.000	46	36	33	19	1.26	0	0
	SAP	I	4		BC	g		30	47	12	20	45	35	0.2	4.1	4.9	28	9	2.000	39	29	25	10	1.48	0	0
	SAP	I	5		C	g		47	100	12	20	44	36	0.2	5.1	5.6	100	9	0.100	31	29	26	18	1.71	0	0
Salt	SAP	MW	1		LFH			-6	0	-9	-9	-9	-9	35.0	3.7	4.2	10	157	50.000	92	38	27	12	0.20	-9	15
Springs	SAP	MW	2		A	e	1	0	6	20	31	41	28	0.9	4.0	5.0	20	14	10.000	44	26	22	12	1.20	-9	-9
	SAP	MW	3		B	f		6	24	20	22	44	34	1.6	4.2	5.0	36	18	10.000	47	33	29	16	1.10	-9	-9
	SAP	MW	4		A	e	2	24	39	20	32	43	25	0.6	4.3	5.4	44	12	7.000	36	22	18	12	1.45	-9	-9
	SAP	MW	5		B	tgj		39	100	20	15	53	32	0.2	4.6	5.6	68	11	0.500	29	26	23	16	1.67	-9	-9
Salt	SAP	P	1		LFH			-10	0	0	-9	-9	-9	28.0	3.7	4.2	10	126	50.000	90	40	30	10	0.20	0	15
Springs	SAP	P	2		A	h		0	14	5	19	44	37	4.0	4.3	4.8	44	26	14.300	58	46	41	21	1.20	0	0
	SAP	P	3		B	g		14	30	12	23	47	30	0.8	4.2	5.0	36	11	5.000	46	36	33	19	1.26	0	0
	SAP	P	4		BC	g		30	47	12	20	45	35	0.2	4.1	4.9	28	9	2.000	39	29	25	10	1.48	0	0
	SAP	P	5		C	g		47	100	12	20	44	36	0.2	5.1	5.6	100	9	0.100	31	29	26	18	1.71	0	0
Salt	SAP	R	1		LFH			-6	0	-9	-9	-9	-9	35.0	3.7	4.2	10	157	50.000	92	38	27	12	0.20	-9	15
Springs	SAP	R	2		A	e	1	0	6	20	31	41	28	0.9	4.0	5.0	20	14	10.000	44	26	22	12	1.20	-9	-9
	SAP	R	3		B	f		6	24	20	22	44	34	1.6	4.2	5.0	36	18	10.000	47	33	29	16	1.10	-9	-9
	SAP	R	4		A	e	2	24	39	20	32	43	25	0.6	4.3	5.4	44	12	7.000	36	22	18	12	1.45	-9	-9
	SAP	R	5		B	tgj		39	100	20	15	53	32	0.2	4.6	5.6	68	11	0.500	29	26	23	16	1.67	-9	-9
Salt	SAP	VP	1		LFH			-10	0	0	-9	-9	-9	28.0	3.7	4.2	10	126	50.000	90	40	30	10	0.20	0	15
Springs	SAP	VP	2		A	h		0	14	5	19	44	37	4.0	4.3	4.8	44	26	14.300	58	46	41	21	1.20	0	0
	SAP	VP	3		B	g		14	30	12	23	47	30	0.8	4.2	5.0	36	11	5.000	46	36	33	19	1.26	0	0
	SAP	VP	4		BC	g		30	47	12	20	45	35	0.2	4.1	4.9	28	9	2.000	39	29	25	10	1.48	0	0
	SAP	VP	5		C	g		47	100	12	20	44	36	0.2	5.1	5.6	100	9	0.100	31	29	26	18	1.71	0	0
Salt	SAP	W	1		LFH			-6	0	-9	-9	-9	-9	35.0	3.7	4.2	10	157	50.000	92	38	27	12	0.20	-9	15
Springs	SAP	W	2		A	e	1	0	6	20	31	41	28	0.9	4.0	5.0	20	14	10.000	44	26	22	12	1.20	-9	-9
	SAP	W	3		B	f		6	24	20	22	44	34	1.6	4.2	5.0	36	18	10.000	47	33	29	16	1.10	-9	-9
	SAP	W	4		A	e	2	24	39	20	32	43	25	0.6	4.3	5.4	44	12	7.000	36	22	18	12	1.45	-9	-9
	SAP	W	5		B	tgj		39	100	20	15	53	32	0.2	4.6	5.6	68	11	0.500	29	26	23	16	1.67	-9	-9
Sunbury	SBY	I	1		LFH			-4	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	93	40	28	13	0.22	-9	15
	SBY	I	2		A	e		0	9	9	64	31	5	0.6	3.3	4.1	0	7	40.000	50	24	19	7	1.18	-9	-9
	SBY	I	3		B	fgj		9	27	9	65	25	10	2.1	4.3	4.8	44	15	50.000	57	31	26	9	0.97	-9	-9
	SBY	I	4		B	fjgj		27	39	20	74	18	8	0.9	4.5	4.9	60	9	35.000	44	20	15	6	1.20	-9	-9
	SBY	I	5		BC	gj		39	54	22	76	16	8	0.3	4.4	4.9	52	7	12.000	34	14	13	2	1.50	-9	-9
	SBY	I	6		C	gj		54	100	30	73	19	8	0.2	4.2	4.8	36	6	13.000	27	16	12	3	1.61	-9	-9

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Lith.	Master	Suffix	Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	Water Retention 10 Kpa	Water Retention 33 Kpa	Water Retention 1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Sunbury	SBY	MW	1		LFH			-4	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	93	40	28	13	0.22	-9	15
	SBY	MW	2		A	e		0	9	9	64	31	5	0.6	3.3	4.1	0	7	40.000	50	24	19	7	1.18	-9	-9
	SBY	MW	3		B	f		9	27	9	65	25	10	2.1	4.3	4.8	44	15	50.000	57	31	26	9	0.97	-9	-9
	SBY	MW	4		B	fj		27	39	20	74	18	8	0.9	4.5	4.9	60	9	35.000	44	20	15	6	1.20	-9	-9
	SBY	MW	5		BC			39	54	22	76	16	8	0.3	4.4	4.9	52	7	12.000	34	14	13	2	1.50	-9	-9
	SBY	MW	6		C			54	100	30	73	19	8	0.2	4.2	4.8	36	6	13.000	27	16	12	3	1.61	-9	-9
Sunbury	SBY	P	1		LFH			-12	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	93	40	28	13	0.22	-9	15
	SBY	P	2		A	egj		0	12	9	64	31	5	0.7	3.3	4.1	0	8	20.000	47	24	19	7	1.28	-9	-9
	SBY	P	3		B	fg		12	26	9	65	25	10	1.5	4.3	4.8	44	12	30.000	50	28	24	9	1.18	-9	-9
	SBY	P	4		BC	g		26	45	21	75	17	8	0.6	4.4	4.9	52	8	10.000	34	16	14	5	1.51	-9	-9
	SBY	P	5		C	g		45	100	30	73	19	8	0.2	4.2	4.8	36	6	10.000	26	16	12	3	1.66	-9	-9
Sunbury	SBY	R	1		LFH			-4	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	93	40	28	13	0.22	-9	15
	SBY	R	2		A	e		0	9	9	64	31	5	0.6	3.3	4.1	0	7	40.000	50	24	19	7	1.18	-9	-9
	SBY	R	3		B	f		9	27	9	65	25	10	2.1	4.3	4.8	44	15	50.000	57	31	26	9	0.97	-9	-9
	SBY	R	4		B	fj		27	39	20	74	18	8	0.9	4.5	4.9	60	9	35.000	44	20	15	6	1.20	-9	-9
	SBY	R	5		BC			39	54	22	76	16	8	0.3	4.4	4.9	52	7	12.000	34	14	13	2	1.50	-9	-9
	SBY	R	6		C			54	100	30	73	19	8	0.2	4.2	4.8	36	6	13.000	27	16	12	3	1.61	-9	-9
Sunbury	SBY	VP	1		LFH			-12	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	93	40	28	13	0.22	-9	15
	SBY	VP	2		A	egj		0	12	9	64	31	5	0.7	3.3	4.1	0	8	20.000	47	24	19	7	1.28	-9	-9
	SBY	VP	3		B	fg		12	26	9	65	25	10	1.5	4.3	4.8	44	12	30.000	50	28	24	9	1.18	-9	-9
	SBY	VP	4		BC	g		26	45	21	75	17	8	0.6	4.4	4.9	52	8	10.000	34	16	14	5	1.51	-9	-9
	SBY	VP	5		C	g		45	100	30	73	19	8	0.2	4.2	4.8	36	6	10.000	26	16	12	3	1.66	-9	-9
Sunbury	SBY	W	1		LFH			-4	0	-9	-9	-9	-9	40.0	3.5	4.0	10	100	50.000	93	40	28	13	0.22	-9	15
	SBY	W	2		A	e		0	9	9	64	31	5	0.6	3.3	4.1	0	7	40.000	50	24	19	7	1.18	-9	-9
	SBY	W	3		B	f		9	27	9	65	25	10	2.1	4.3	4.8	44	15	50.000	57	31	26	9	0.97	-9	-9
	SBY	W	4		B	fj		27	39	20	74	18	8	0.9	4.5	4.9	60	9	35.000	44	20	15	6	1.20	-9	-9
	SBY	W	5		BC			39	54	22	76	16	8	0.3	4.4	4.9	52	7	12.000	34	14	13	2	1.50	-9	-9
	SBY	W	6		C			54	100	30	73	19	8	0.2	4.2	4.8	36	6	13.000	27	16	12	3	1.61	-9	-9
Serpentine	SET	MW	1		LFH			-3	0	0	-9	-9	-9	45.0	4.7	4.0	76	100	50.000	90	40	30	10	0.13	0	5
	SET	MW	2		A	e		0	3	47	17	59	24	1.7	3.6	5.2	20	14	10.000	30	23	21	8	1.16	0	0
	SET	MW	3		B	hf		3	14	56	18	68	13	17.0	4.2	5.4	5	54	25.000	30	22	18	5	0.86	0	0
	SET	MW	4		B	f		14	34	50	32	47	20	3.3	4.7	5.7	7	25	5.000	27	20	17	9	1.32	0	0
	SET	MW	5		BC			34	65	0	30	55	14	1.2	4.7	5.4	9	13	10.000	43	33	28	13	1.50	0	0
	SET	MW	6		C			65	100	0	28	51	21	0.2	5.2	5.8	56	10	3.000	40	35	29	19	1.60	0	0
Serpentine	SET	R	1		LFH			-3	0	0	-9	-9	-9	45.0	4.7	4.0	76	100	50.000	90	40	30	10	0.13	0	5
	SET	R	2		A	e		0	3	47	17	59	24	1.7	3.6	5.2	20	14	10.000	30	23	21	8	1.16	0	0
	SET	R	3		B	hf		3	14	56	18	68	13	17.0	4.2	5.4	5	54	25.000	30	22	18	5	0.86	0	0
	SET	R	4		B	f		14	34	50	32	47	20	3.3	4.7	5.7	7	25	5.000	27	20	17	9	1.32	0	0
	SET	R	5		BC			34	65	0	30	55	14	1.2	4.7	5.4	9	13	10.000	43	33	28	13	1.50	0	0
	SET	R	6		C			65	100	0	28	51	21	0.2	5.2	5.8	56	10	3.000	40	35	29	19	1.60	0	0
Serpentine	SET	W	1		LFH			-3	0	0	-9	-9	-9	45.0	4.7	4.0	76	100	50.000	90	40	30	10	0.13	0	5
	SET	W	2		A	e		0	3	47	17	59	24	1.7	3.6	5.2	20	14	10.000	30	23	21	8	1.16	0	0
	SET	W	3		B	hf		3	14	56	18	68	13	17.0	4.2	5.4	5	54	25.000	30	22	18	5	0.86	0	0
	SET	W	4		B	f		14	34	50	32	47	20	3.3	4.7	5.7	7	25	5.000	27	20	17	9	1.32	0	0
	SET	W	5		BC			34	65	0	30	55	14	1.2	4.7	5.4	9	13	10.000	43	33	28	13	1.50	0	0
	SET	W	6		C			65	100	0	28	51	21	0.2	5.2	5.8	56	10	3.000	40	35	29	19	1.60	0	0

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Lith.	Master	Suffix	Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	Water Retention 10 Kpa	Water Retention 33 Kpa	Water Retention 1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Stony	SNB	I	1		LFH			-6	0	-9	-9	-9	-9	38.0	3.3	3.7	0	84	50.000	92	40	28	13	0.21	-9	15
Brook	SNB	I	2		A	egj	1	0	9	7	53	34	13	0.8	3.3	3.8	0	6	15.000	51	28	22	7	1.19	-9	-9
	SNB	I	3		B	fgj		9	28	8	47	32	21	1.6	3.8	4.4	12	15	31.000	57	34	29	14	1.01	-9	-9
	SNB	I	4		A	egj	2	28	36	10	44	30	26	0.5	3.8	4.5	12	10	3.000	36	28	24	13	1.58	-9	-9
	SNB	I	5		B	tgj		36	68	11	41	28	31	0.2	3.8	4.6	12	11	0.050	29	29	27	19	1.78	-9	-9
	SNB	I	6		C	g		68	100	19	43	30	27	0.2	4.4	5.1	52	9	0.100	25	24	24	18	1.84	-9	-9
Stony	SNB	MW	1		LFH			-6	0	-9	-9	-9	-9	38.0	3.3	3.7	0	84	50.000	92	40	28	13	0.21	-9	15
Brook	SNB	MW	2		A	e	1	0	9	7	53	34	13	0.8	3.3	3.8	0	6	15.000	51	28	22	7	1.19	-9	-9
	SNB	MW	3		B	f		9	28	8	47	32	21	1.6	3.8	4.4	12	15	31.000	57	34	29	14	1.01	-9	-9
	SNB	MW	4		A	e	2	28	36	10	44	30	26	0.5	3.8	4.5	12	10	3.000	36	28	24	13	1.58	-9	-9
	SNB	MW	5		B	t		36	68	11	41	28	31	0.2	3.8	4.6	12	11	0.050	29	29	27	19	1.78	-9	-9
	SNB	MW	6		C	gj		68	100	19	43	30	27	0.2	4.4	5.1	52	9	0.100	25	24	24	18	1.84	-9	-9
Stony	SNB	P	1		LFH			-12	0	-9	-9	-9	-9	32.0	3.7	4.3	10	100	50.000	92	40	28	13	0.21	-9	15
Brook	SNB	P	2		A	eg		0	13	4	50	41	9	1.2	3.6	4.5	3	11	5.000	47	36	29	13	1.35	-9	-9
	SNB	P	3		B	g		13	30	6	47	32	21	0.7	4.2	4.9	36	10	7.000	43	29	23	10	1.42	-9	-9
	SNB	P	4		B	tg		30	71	10	40	35	25	0.3	4.1	5.0	28	9	0.200	28	28	27	21	1.82	-9	-9
	SNB	P	5		C	g		71	100	15	34	40	26	0.1	4.7	5.4	76	10	0.100	25	25	24	18	1.86	-9	-9
Stony	SNB	R	1		LFH			-6	0	-9	-9	-9	-9	38.0	3.3	3.7	0	84	50.000	92	40	28	13	0.21	-9	15
Brook	SNB	R	2		A	e	1	0	9	7	53	34	13	0.8	3.3	3.8	0	6	15.000	51	28	22	7	1.19	-9	-9
	SNB	R	3		B	f		9	28	8	47	32	21	1.6	3.8	4.4	12	15	31.000	57	34	29	14	1.01	-9	-9
	SNB	R	4		A	e	2	28	36	10	44	30	26	0.5	3.8	4.5	12	10	3.000	36	28	24	13	1.58	-9	-9
	SNB	R	5		B	t		36	68	11	41	28	31	0.2	3.8	4.6	12	11	0.050	29	29	27	19	1.78	-9	-9
	SNB	R	6		C	gj		68	100	19	43	30	27	0.2	4.4	5.1	52	9	0.100	25	24	24	18	1.84	-9	-9
Stony	SNB	VP	1		O	m		-15	0	-9	-9	-9	-9	32.0	3.7	4.3	10	100	50.000	94	35	25	13	0.15	5	15
Brook	SNB	VP	2		A	eg		0	13	4	50	41	9	1.2	3.6	4.5	3	11	5.000	47	36	29	13	1.35	-9	-9
	SNB	VP	3		B	g		13	25	6	47	32	21	0.7	4.2	4.9	36	10	7.000	43	29	23	10	1.42	-9	-9
	SNB	VP	4		B	tg		25	71	10	40	35	25	0.3	4.1	5.0	28	9	0.200	28	28	27	21	1.82	-9	-9
	SNB	VP	5		C	g		71	100	15	34	40	26	0.1	4.7	5.4	76	10	0.100	26	25	24	18	1.86	-9	-9
Stony	SNB	W	1		LFH			-6	0	-9	-9	-9	-9	38.0	3.3	3.7	0	84	50.000	92	40	28	13	0.21	-9	15
Brook	SNB	W	2		A	e	1	0	9	7	53	34	13	0.8	3.3	3.8	0	6	15.000	51	28	22	7	1.19	-9	-9
	SNB	W	3		B	f		9	28	8	47	32	21	1.6	3.8	4.4	12	15	31.000	57	34	29	14	1.01	-9	-9
	SNB	W	4		A	e	2	28	36	10	44	30	26	0.5	3.8	4.5	12	10	3.000	36	28	24	13	1.58	-9	-9
	SNB	W	5		B	t		36	68	11	41	28	31	0.2	3.8	4.6	12	11	0.050	29	29	27	19	1.78	-9	-9
	SNB	W	6		C	gj		68	100	19	43	30	27	0.2	4.4	5.1	52	9	0.100	25	24	24	18	1.84	-9	-9
Salisbury	SUY	I	1		LFH			-5	0	0	-9	-9	-9	38.0	3.8	4.3	0	84	50.000	90	40	30	10	0.21	0	15
	SUY	I	2		A	egj		0	8	9	27	51	22	0.8	3.9	4.4	0	6	10.000	51	16	12	4	1.19	0	0
	SUY	I	3		B	fgj		8	32	16	32	47	21	1.6	4.1	4.6	12	15	31.000	52	31	27	13	1.01	0	0
	SUY	I	4		B	tgj		32	56	25	32	41	27	0.2	4.3	4.9	12	11	0.100	25	23	20	14	1.78	0	0
	SUY	I	5		C	g		56	100	23	31	38	31	0.2	4.8	5.3	52	9	0.500	23	22	20	11	1.84	0	0
Salisbury	SUY	MW	1		LFH			-7	0	0	-9	-9	-9	28.0	3.5	4.0	0	120	50.000	90	40	30	10	0.05	0	5
	SUY	MW	2		A	e		0	17	0	50	40	11	0.5	5.4	6.2	100	8	0.600	65	41	38	10	1.26	0	0
	SUY	MW	3		B	f		17	32	0	54	29	17	2.0	4.9	5.7	92	16	7.000	65	45	39	12	0.93	0	0
	SUY	MW	4		B	fj		32	45	0	54	29	16	0.6	4.5	5.4	60	10	3.500	49	34	28	10	1.29	0	0
	SUY	MW	5		BC			45	56	10	52	34	14	0.2	4.4	5.4	52	8	30.000	37	13	9	5	1.54	0	0
	SUY	MW	6		C			56	100	15	60	26	15	0.1	4.3	5.3	44	7	0.500	29	28	26	15	1.75	0	0
Salisbury	SUY	P	1		LFH			-12	0	-9	-9	-9	-9	32.0	3.7	4.3	10	100	50.000	92	40	28	13	0.21	-9	15
	SUY	P	2		A	eg		0	15	10	50	41	9	1.2	3.6	4.5	3	11	5.000	44	34	28	13	1.35	-9	-9
	SUY	P	3		B	g		15	30	12	43	36	21	0.7	4.2	4.9	36	10	7.000	40	28	22	10	1.42	-9	-9
	SUY	P	4		B	tg		30	70	15	40	35	25	0.3	4.1	5.0	28	10	0.200	26	26	25	20	1.82	-9	-9
	SUY	P	5		C	g		70	100	15	40	35	25	0.1	4.7	5.4	76	9	0.100	25	25	24	18	1.86	-9	-9

Table 13: Soil Layer File

Soil Name	Soil Code	Drainage	Horizon #	Lith.	Master	Suffix	Mod.	Upper Depth	Lower Depth	Coarse Fragments	Total Sand	Total Silt	Total Clay	Organic Carbon	pH CaCl	pH H20	Base Saturation	CEC	KSAT	Water Retention 0 Kpa	Water Retention 10 Kpa	Water Retention 33 Kpa	Water Retention 1500 Kpa	Bulk Density	Von Post	Vol. % Wood
Salisbury	SUY	R	1		LFH			-5	0	-9	-9	-9	-9	38.0	3.3	3.8	0	84	50.000	91	40	28	13	0.24	-9	15
	SUY	R	2		A	e		0	10	11	50	37	13	0.7	3.9	4.4	52	8	10.000	47	25	20	4	1.20	-9	-9
	SUY	R	3		B	f		10	25	11	46	33	21	2.3	4.7	5.2	60	19	20.000	55	35	29	12	0.95	-9	-9
	SUY	R	4		B	fj		25	45	12	42	35	23	1.0	4.9	5.4	52	13	4.400	45	28	24	11	1.25	-9	-9
	SUY	R	5		B	t		45	65	16	38	37	25	0.2	5.1	5.6	20	11	0.200	28	25	24	14	1.73	-9	-9
	SUY	R	6		R			65	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.25	-9	-9
Salisbury	SUY	VP	1		LFH			-12	0	-9	-9	-9	-9	32.0	3.7	4.3	10	100	50.000	92	40	28	13	0.21	-9	15
	SUY	VP	2		A	eg		0	15	10	50	41	9	1.2	3.6	4.5	3	11	5.000	44	34	28	13	1.35	-9	-9
	SUY	VP	3		B	g		15	30	12	43	36	21	0.7	4.2	4.9	36	10	7.000	40	28	22	10	1.42	-9	-9
	SUY	VP	4		B	tg		30	70	15	40	35	25	0.3	4.1	5.0	28	10	0.200	26	26	25	20	1.82	-9	-9
	SUY	VP	5		C	g		70	100	15	40	35	25	0.1	4.7	5.4	76	9	0.100	25	25	24	18	1.86	-9	-9
Salisbury	SUY	W	1		LFH			-5	0	-9	-9	-9	-9	38.0	3.3	3.8	0	84	50.000	91	40	28	13	0.24	-9	15
	SUY	W	2		A	e		0	10	11	50	37	13	0.7	3.9	4.4	52	8	10.000	47	25	20	4	1.20	-9	-9
	SUY	W	3		B	f		10	25	11	46	33	21	2.3	4.7	5.2	60	19	20.000	55	35	29	12	0.95	-9	-9
	SUY	W	4		B	fj		25	45	12	42	35	23	1.0	4.9	5.4	52	13	4.400	45	28	24	11	1.25	-9	-9
	SUY	W	5		B	t		45	65	16	38	37	25	0.2	5.1	5.6	20	11	0.200	28	25	24	14	1.73	-9	-9
	SUY	W	6		R			65	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.25	-9	-9
Tracadie	TCD	I	1		LFH			-4	0	-9	-9	-9	-9	40.0	3.7	4.2	20	85	60.000	94	37	26	12	0.15	-9	15
	TCD	I	2		A	he		0	5	0	40	42	18	4.0	4.2	4.9	36	25	15.000	57	46	41	20	1.15	-9	-9
	TCD	I	3		A	egj		5	11	0	46	39	15	0.9	4.1	4.8	28	11	2.000	51	40	34	13	1.30	-9	-9
	TCD	I	4		B	mgj		11	32	0	40	37	23	0.6	4.0	4.6	20	11	5.000	47	39	35	13	1.40	-9	-9
	TCD	I	5		B	tg		32	90	0	15	38	47	0.2	4.7	5.3	76	17	0.020	31	30	29	19	1.82	-9	-9
	TCD	I	6		C	k		90	100	0	18	46	36	0.1	6.4	7.0	99	16	0.050	27	26	24	17	1.94	-9	-9
Tracadie	TCD	MW	1		LFH			-4	0	-9	-9	-9	-9	40.0	3.7	4.2	20	85	60.000	94	37	26	12	0.15	-9	15
	TCD	MW	2		A	he		0	5	0	10	69	21	5.0	4.2	4.9	36	30	15.000	57	48	43	22	1.15	-9	-9
	TCD	MW	3		A	e		5	11	0	14	68	18	0.9	4.1	4.8	28	12	2.000	51	41	35	14	1.30	-9	-9
	TCD	MW	4		B	m		11	32	0	10	66	24	0.6	4.0	4.6	20	11	5.000	47	39	35	13	1.40	-9	-9
	TCD	MW	5		B	tgj		32	90	0	15	38	47	0.2	4.7	5.3	76	17	0.020	31	30	29	19	1.82	-9	-9
	TCD	MW	6		C	k		90	100	0	18	46	36	0.1	6.4	7.0	99	16	0.050	27	26	24	17	1.94	-9	-9
Tracadie	TCD	P	1		LFH			-4	0	-9	-9	-9	-9	40.0	3.7	4.2	20	85	60.000	94	37	26	12	0.15	-9	15
	TCD	P	2		A	heg		0	5	0	10	69	21	5.0	4.2	4.9	36	30	15.000	54	47	42	22	1.23	-9	-9
	TCD	P	3		A	eg		5	11	0	14	68	18	0.9	4.1	4.8	28	12	2.000	44	38	32	14	1.49	-9	-9
	TCD	P	4		B	g		11	27	0	10	66	24	0.6	4.0	4.6	20	11	5.000	41	36	32	13	1.59	-9	-9
	TCD	P	5		B	tg		27	85	0	15	38	47	0.2	4.7	5.3	76	17	0.020	31	30	29	19	1.82	-9	-9
	TCD	P	6		C	k		85	100	0	18	46	36	0.1	6.4	7.0	99	16	0.050	27	26	24	17	1.94	-9	-9
Tuadook	TDO	I	1		LFH			-5	0	-9	-9	-9	-9	53.0	4.0	4.4	16	107	50.000	94	40	30	10	0.17	-9	5
	TDO	I	2		A	e		0	5	11	38	47	15	2.5	3.1	3.6	8	12	18.000	60	37	29	8	0.87	-9	-9
	TDO	I	3		B	fgj	1	5	20	15	23	56	21	4.5	4.1	4.6	2	63	30.000	50	44	34	8	1.10	-9	-9
	TDO	I	4		B	fgj	2	20	40	13	41	49	10	2.7	4.5	5.0	1	23	18.000	48	31	26	8	1.19	-9	-9
	TDO	I	5		BC	gj		40	60	23	44	48	8	0.5	4.6	5.1	6	9	3.000	32	25	20	7	1.54	-9	-9
	TDO	I	6		C	gj		60	100	30	38	51	11	0.3	4.6	5.2	7	7	0.500	22	21	20	9	1.81	-9	-9
Tuadook	TDO	MW	1		LFH			-5	0	-9	-9	-9	-9	53.0	4.0	4.4	16	107	50.000	94	40	30	10	0.17	-9	5
	TDO	MW	2		A	e		0	5	11	38	47	15	2.5	3.1	3.6	8	12	18.000	60	37	29	8	0.87	-9	-9
	TDO	MW	3		B	hf		5	18	15	23	56	21	10.0	4.1	4.6	2	63	30.000	65	44	34	8	0.60	-9	-9
	TDO	MW	4		B	f		18	35	13	41	49	10	2.7	4.5	5.0	1	23	18.000	48	31	26	8	1.19	-9	-9
	TDO	MW	5		BC			35	60	28	44	48	8	0.5	4.6	5.1	6	9	3.000	30	24	19	7	1.54	-9	-9
	TDO	MW	6		R			60	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.65	-9	-9

Table 13: Soil Layer File

Soil	Soil		Horizon					Upper	Lower	Coarse	Total			Organic	pH		Base			Water Retention				Bulk	Von	Vol. %
Name	Code	Drainage	#	Lith.	Master	Suffix	Mod.	Depth	Depth	Fragments	Sand	Silt	Clay	Carbon	CaCl	H20	Saturation	CEC	KSAT	0 Kpa	10 Kpa	33 Kpa	1500 Kpa	Density	Post	Wood
Tuadook	TDO	P	1		LFH			-12	0	-9	-9	-9	-9	31.0	4.8	5.3	32	87	50.000	90	40	30	10	0.26	-9	15
	TDO	P	2		A	eg		0	10	10	33	53	14	2.0	3.4	3.9	0	15	14.300	55	34	29	13	1.20	-9	-9
	TDO	P	3		B	g		10	30	13	40	43	17	1.5	4.4	4.9	52	14	10.600	51	33	28	14	1.30	-9	-9
	TDO	P	4		BC	g		30	40	25	40	41	19	0.6	4.3	4.8	44	10	3.000	38	26	22	13	1.65	-9	-9
	TDO	P	5		C	g		40	100	35	51	33	16	0.3	4.6	4.9	68	8	0.500	32	21	18	12	1.80	-9	-9
Tuadook	TDO	R	1		LFH			-5	0	-9	-9	-9	-9	53.0	4.0	4.4	16	107	50.000	94	40	30	10	0.17	-9	5
	TDO	R	2		A	e		0	5	11	38	47	15	2.5	3.1	3.6	8	12	18.000	60	37	29	8	0.87	-9	-9
	TDO	R	3		B	hf		5	18	15	23	56	21	10.0	4.1	4.6	2	63	30.000	65	44	34	8	0.60	-9	-9
	TDO	R	4		B	f		18	35	13	41	49	10	2.7	4.5	5.0	1	23	18.000	48	31	26	8	1.19	-9	-9
	TDO	R	5		BC			35	60	28	44	48	8	0.5	4.6	5.1	6	9	3.000	30	24	19	7	1.54	-9	-9
	TDO	R	6		R			60	100	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	2.65	-9	-9
Tuadook	TDO	W	1		LFH			-7	0	0	-9	-9	-9	89.2	4.1	4.0	16	107	50.000	90	40	30	10	0.17	0	5
	TDO	W	2		A	e		0	5	25	38	47	15	2.5	3.6	5.0	8	13	30.000	50	27	19	5	0.87	0	0
	TDO	W	3		B	hf		5	18	33	23	56	21	9.7	4.3	5.7	100	64	30.000	51	35	27	6	0.60	0	0
	TDO	W	4		B	f		18	36	26	42	48	10	2.6	5.0	5.4	100	24	7.000	41	34	31	13	1.19	0	0
	TDO	W	5		BC			36	61	51	44	48	8	0.5	5.1	5.4	6	9	30.000	20	7	5	3	1.54	0	0
	TDO	W	6		C			61	100	66	35	53	13	0.3	5.1	5.9	11	7	0.200	17	11	10	6	1.81	0	0
Telagouche	TGC	I	1		LFH			-6	0	-9	-9	-9	-9	38.0	3.3	3.7	0	84	50.000	92	40	28	13	0.21	-9	15
	TGC	I	2		A	e		0	9	7	53	34	13	1.0	3.3	3.8	0	11	15.000	51	28	22	7	1.19	-9	-9
	TGC	I	3		B	fgj		9	35	8	47	32	21	2.6	4.0	4.5	20	20	31.000	57	34	29	14	1.01	-9	-9
	TGC	I	4		A	egj		35	45	10	44	30	26	0.8	4.0	4.5	20	13	3.000	36	28	24	13	1.58	-9	-9
	TGC	I	5		B	tgj		45	75	11	41	28	31	0.2	4.5	5.0	60	11	0.050	29	29	27	19	1.78	-9	-9
	TGC	I	6		C	g		75	100	19	43	30	27	0.2	4.8	5.3	84	10	0.100	25	24	24	18	1.84	-9	-9
Telagouche	TGC	MW	1		LFH			-6	0	-9	-9	-9	-9	38.0	3.3	3.7	0	84	50.000	92	40	28	13	0.21	-9	15
	TGC	MW	2		A	e		0	9	7	53	34	13	1.0	3.3	3.8	0	11	15.000	51	28	22	7	1.19	-9	-9
	TGC	MW	3		B	fgj		9	35	8	47	32	21	2.6	4.0	4.5	20	20	31.000	57	34	29	14	1.01	-9	-9
	TGC	MW	4		A	egj		35	45	10	44	30	26	0.8	4.0	4.5	20	13	3.000	36	28	24	13	1.58	-9	-9
	TGC	MW	5		B	tgj		45	75	11	41	28	31	0.2	4.5	5.0	60	11	0.050	29	29	27	19	1.78	-9	-9
	TGC	MW	6		C	g		75	100	19	43	30	27	0.2	4.8	5.3	84	10	0.100	25	24	24	18	1.84	-9	-9
Telagouche	TGC	W	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	TGC	W	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	TGC	W	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	TGC	W	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	TGC	W	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
	TGC	W	-	-	-	-	-	-9	-9	-9	-9	-9	-9	-9.0	-9.0	-9.0	-9	-9	-9.000	-9	-9	-9	-9	-9.00	-9	-9
Organic	ZOG	VP	1		O	m	1	0	5	-9	-9	-9	-9	24.4	5.5	6.0	100	110	50.000	95	70	35	15	0.12	5	5
	ZOG	VP	2		O	m	2	5	70	-9	-9	-9	-9	27.2	5.5	6.0	100	123	5.000	94	70	35	15	0.16	5	10
	ZOG	VP	3		O	h		70	100	-9	-9	-9	-9	25.5	5.5	6.0	100	115	0.500	93	75	38	18	0.18	6	5

APPENDIX 2

SOIL MAP UNIT INTERPRETATION FOR TREE PRODUCTION

Tree Production for: balsam fir/white spruce, black spruce, eastern white cedar, jack pine/red pine, white pine, sugar maple, white ash, yellow birch, and trembling aspen

Table 14: Soil Map Unit Interpretation File (SMUI)

To be used in conjunction with soils map of the Fundy Model Forest (Fahmy and Colpitts 1995)

Key to Table 14:

G - Good - Relatively free of problems
F - Fair - Moderate soil/site limitations
P - Poor - Severe soil/site limitations
U - Unsuitable - Inputs required are too great

w - drainage or wetness
f - fertility
x - average texture of friable soil
d - thickness of friable soil with BD<1.6 g/cm^3
t - slope or topography
r - rockiness
p - stoniness

***Note: On site investigation is required prior to any actual usage of the land**

Table 14: Soil Map Unit Interpretation File

Soil Map Unit Symbol	Balsam Fir White Spruce	Black Spruce	Red Spruce	Eastern White Cedar	Jack Pine Red Pine	White Pine	Sugar Maple	White Ash	Yellow Birch	Trembling Aspen
BB3/a	Pxf	Px	Px	Ux	Pd	Fdf	Ux	Ux	Ux	Px
BB4/a	Pxf	Px	Pxw	Ux	Pdw	Fdwf	Ux	Ux	Ux	Px
BB5/a	Pxwf	Px	Pxw	Ux	Uw	Pw	Uxw	Ux	Ux	Pxw
BD1/e	Utf	Ut	Ut	Utw	Ut	Ut	Utf	Utf	Ut	Ut
BE2/d	Pxf	Px	Px	Ux	Ftf	Ftf	Ux	Ux	Ux	Px
BR1/e	Ut	Ut	Ut	Utw	Ut	Ut	Ut	Ut	Ut	Ut
BR2/b	Ff	G	Fx	Fwf	Fx	G	Ff	Ff	Ff	G
BR2/c	Ff	G	Fx	Fwf	Fx	G	Ff	Ff	Ff	G
BR2/d	Ftf	Ft	Fxt	Ftwf	Fxt	Ft	Ftf	Ftf	Ftf	Ft
BR2/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
BR3/a	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
BR3/b	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
BR3/c	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
BR3/d	Ftf	Ft	Fxtw	Ftf	Fxtw	Ft	Ftf	Ftf	Ftf	Ft
BR3/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
BR4/b	Fwf	Fw	Pw	Ff	Pw	Fw	Pw	Pw	Fwf	Fw
BR4/c	Fwf	Fw	Pw	Ff	Pw	Fw	Pw	Pw	Fwf	Fw
BR4/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
BR5/a	Pw	Fw	Pw	Pw	Uw	Pw	Uw	Pw	Pw	Pw
BR5/b	Pw	Fw	Pw	Pw	Uw	Pw	Uw	Pw	Pw	Pw
BR5/c	Pw	Fw	Pw	Pw	Uw	Pw	Uw	Pw	Pw	Pw
BR5/d	Pw	Ftw	Pw	Pw	Uw	Pw	Uw	Pw	Pw	Pw
CH1/e	Ut	Ut	Ut	Utw	Ut	Ut	Ut	Ut	Ut	Ut
CH2/b	Ff	G	Fx	Fwf	Fx	G	Ff	Ff	Ff	G
CH2/c	Ff	G	Fx	Fwf	Fx	G	Ff	Ff	Ff	G
CH2/d	Ftf	Ft	Fxt	Ftwf	Fxt	Ft	Ftf	Ftf	Ftf	Ft
CH2/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
CH3/a	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
CH3/b	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
CH3/c	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
CH3/d	Ftf	Ft	Fxtw	Ftf	Fxtw	Ft	Ftf	Ftf	Ftf	Ft
CH3/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
CT2/b	Fxf	Fx	Fx	Px	G	G	Ff	Fxf	Ff	G
CT2/c	Fxf	Fx	Fx	Px	G	G	Ff	Fxf	Ff	G
CT3/b	Fxf	Fx	Fxw	Px	Fw	G	Ff	Fxf	Ff	G
CT4/b	Fxwf	Fxw	Pw	Px	Pw	Fdw	Pw	Pw	Fwf	Fw

Table 14: Soil Map Unit Interpretation File

Soil Map Unit Symbol	Balsam Fir White Spruce	Black Spruce	Red Spruce	Eastern White Cedar	Jack Pine Red Pine	White Pine	Sugar Maple	White Ash	Yellow Birch	Trembling Aspen
EB1/b	Pw	Pw	Pw	Uw	Fxw	Pw	Pw	Pw	Pw	Pw
EB2/b	G	G	Fx	Fw	Fx	G	G	G	G	G
EB2/c	G	G	Fx	Fw	Fx	G	G	G	G	G
EB2/d	Ft	Ft	Fxt	Ftw	Fxt	Ft	Ft	Ft	Ft	Ft
EB3/a	G	G	Fxw	G	Fxw	G	G	G	G	G
EB3/b	G	G	Fxw	G	Fxw	G	G	G	G	G
EB3/c	G	G	Fxw	G	Fxw	G	G	G	G	G
EB4/b	Fw	Fw	Pw	G	Pw	Fw	Pw	Pw	Fw	Fw
FA1/b	Pxwf	Pxw	Pxw	Uxw	Fdwf	Pw	Ux	Ux	Ux	Pxw
FA2/a	Pxf	Px	Px	Ux	Fdf	Ff	Ux	Ux	Ux	Px
FA2/c	Pxf	Px	Px	Ux	Fdf	Ff	Ux	Ux	Ux	Px
FA2/d	Pxf	Px	Px	Ux	Fdtf	Ftf	Ux	Ux	Ux	Px
GG1/a	Uxf	Ux	Ux	Uxw	Px	Pxwf	Uxf	Uxf	Ux	Ux
GG1/b	Uxf	Ux	Ux	Uxw	Px	Pxwf	Uxf	Uxf	Ux	Ux
GG1/c	Uxf	Ux	Ux	Uxw	Px	Pxwf	Uxf	Uxf	Ux	Ux
GG2/c	Uf	Pf	Pf	Pxf	Ff	Pf	Uf	Uf	Pf	Pf
GG2/a	Uf	Pf	Pf	Pxf	Ff	Pf	Uf	Uf	Pf	Pf
GG2/b	Uf	Pf	Pf	Pxf	Ff	Pf	Uf	Uf	Pf	Pf
GG2/c	Uf	Pf	Pf	Pxf	Ff	Pf	Uf	Uf	Pf	Pf
GG2/d	Uf	Pf	Pf	Pxf	Ftf	Pf	Uf	Uf	Pf	Pf
GG2/e	Utf	Ut	Ut	Ut	Ut	Ut	Utf	Utf	Ut	Ut
GG3/a	Uf	Pf	Pf	Pxf	Fwf	Pf	Uf	Uf	Pf	Pf
GG3/b	Uf	Pf	Pf	Pxf	Fwf	Pf	Uf	Uf	Pf	Pf
GG3/c	Uf	Pf	Pf	Pxf	Fwf	Pf	Uf	Uf	Pf	Pf
GG3/d	Uf	Pf	Pf	Pxf	Ftwf	Pf	Uf	Uf	Pf	Pf
GG4	Uf	Pf	Pwf	Ux	Pw	Pf	Uxf	Uxf	Ux	Pf
GG4/a	Uf	Pf	Pwf	Ux	Pw	Pf	Uxf	Uxf	Ux	Pf
GG4/c	Uf	Pf	Pwf	Ux	Pw	Pf	Uxf	Uxf	Ux	Pf
GG5/a	Uf	Pf	Pwf	Ux	Uw	Pwf	Uxwf	Uxf	Ux	Pwf
HT2/a	Pf	Fxf	Fxf	Pxf	Fdf	Fdf	Pf	Pf	Pf	Ff
HT2/b	Pf	Fxf	Fxf	Pxf	Fdf	Fdf	Pf	Pf	Pf	Ff
HT2/c	Pf	Fxf	Fxf	Pxf	Fdf	Fdf	Pf	Pf	Pf	Ff
HT2/d	Pf	Fxtf	Fxtf	Pxf	Fdtf	Fdtf	Pf	Pf	Pf	Ftf
HT3/a	Pf	Fxf	Fxwf	Pxf	Fdwf	Fdf	Pf	Pf	Pf	Ff
HT3/b	Pf	Fxf	Fxwf	Pxf	Fdwf	Fdf	Pf	Pf	Pf	Ff
HT3/c	Pf	Fxf	Fxwf	Pxf	Fdwf	Fdf	Pf	Pf	Pf	Ff

Table 14: Soil Map Unit Interpretation File

Soil Map Unit Symbol	Balsam Fir White Spruce	Black Spruce	Red Spruce	Eastern White Cedar	Jack Pine Red Pine	White Pine	Sugar Maple	White Ash	Yellow Birch	Trembling Aspen
HT3/d	Pf	Fxtf	Fxtwf	Pxf	Fdtwf	Fdtf	Pf	Pf	Pf	Ftf
HT4/a	Pf	Fxdwf	Pw	Pxf	Pdw	Fdwf	Pwf	Pwf	Pf	Fdwf
HT4/b	Pf	Fxdwf	Pw	Pxf	Pdw	Fdwf	Pwf	Pwf	Pf	Fdwf
HT4/c	Pf	Fxdwf	Pw	Pxf	Pdw	Fdwf	Pwf	Pwf	Pf	Fdwf
HT5/a	Pwf	Fxdwf	Pw	Pxwf	Uw	Pw	Uw	Pwf	Pwf	Pw
HT6/a	Uw	Pw	Pw	Uw	Uw	Uw	Uw	Uw	Uw	Uw
IN3/a	G	G	Fxw	G	Fxw	G	G	G	G	G
IN3/b	G	G	Fxw	G	Fxw	G	G	G	G	G
IN3/c	G	G	Fxw	G	Fxw	G	G	G	G	G
IN3/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
IN4	Fw	Fw	Pw	G	Pw	Fw	Pw	Pw	Fw	Fw
IN4/a	Fw	Fw	Pw	G	Pw	Fw	Pw	Pw	Fw	Fw
IN4/b	Fw	Fw	Pw	G	Pw	Fw	Pw	Pw	Fw	Fw
IN5/a	Pw	Fw	Pw	Pw	Uw	Pw	Uw	Pw	Pw	Pw
IN5/c	Pw	Fw	Pw	Pw	Uw	Pw	Uw	Pw	Pw	Pw
IN6	Uw	Pw	Pw	Uw	Uw	Uw	Uw	Uw	Uw	Uw
IN6/a	Uw	Pw	Pw	Uw	Uw	Uw	Uw	Uw	Uw	Uw
IN6/b	Uw	Pw	Pw	Uw	Uw	Uw	Uw	Uw	Uw	Uw
IN6/d	Uw	Pw	Pw	Uw	Uw	Uw	Uw	Uw	Uw	Uw
IR1/e	Ut	Ut	Ut	Utw	Ut	Ut	Ut	Ut	Ut	Ut
IR2/b	Pf	Fxf	Fxf	Pxf	Fdf	Ff	Pf	Pf	Pf	Ff
IR2/c	Pf	Fxf	Fxf	Pxf	Fdf	Ff	Pf	Pf	Pf	Ff
IR2/d	Pf	Fxtf	Fxtf	Pxf	Fdtf	Ftf	Pf	Pf	Pf	Ftf
IR2/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
IR3/b	Pf	Fxf	Fxwf	Pxf	Fdwf	Ff	Pf	Pf	Pf	Ff
IR3/c	Pf	Fxf	Fxwf	Pxf	Fdwf	Ff	Pf	Pf	Pf	Ff
IR4/b	Pf	Fwf	Pw	Pf	Pw	Fwf	Pwf	Pwf	Pf	Fwf
IR5/b	Pwf	Fwf	Pw	Pwf	Uw	Pw	Uw	Pwf	Pwf	Pw
JR1/d	Uf	Pwf	Pwf	Uw	Ftwf	Pwf	Uf	Uf	Pwf	Pwf
JR1/e	Utf	Ut	Ut	Utw	Ut	Ut	Utf	Utf	Ut	Ut
JR2/b	Uf	Pf	Pf	Pxf	Ff	Pf	Uf	Uf	Pf	Pf
JR2/c	Uf	Pf	Pf	Pxf	Ff	Pf	Uf	Uf	Pf	Pf
JR2/d	Uf	Pf	Pf	Pxf	Ftf	Pf	Uf	Uf	Pf	Pf
JR2/e	Utf	Ut	Ut	Ut	Ut	Ut	Utf	Utf	Ut	Ut
JR3	Uf	Pf	Pf	Pxf	Fwf	Pf	Uf	Uf	Pf	Pf

Table 14: Soil Map Unit Interpretation File

Soil Map Unit Symbol	Balsam Fir White Spruce	Black Spruce	Red Spruce	Eastern White Cedar	Jack Pine Red Pine	White Pine	Sugar Maple	White Ash	Yellow Birch	Trembling Aspen
JR3/a	Uf	Pf	Pf	Pxf	Fwf	Pf	Uf	Uf	Pf	Pf
JR3/b	Uf	Pf	Pf	Pxf	Fwf	Pf	Uf	Uf	Pf	Pf
JR3/c	Uf	Pf	Pf	Pxf	Fwf	Pf	Uf	Uf	Pf	Pf
JR3/d	Uf	Pf	Pf	Pxf	Ftwf	Pf	Uf	Uf	Pf	Pf
JR3/e	Utf	Ut	Ut	Ut	Ut	Ut	Utf	Utf	Ut	Ut
JU2/b	Pf	Fxf	Fxf	Pxf	Ff	Ff	Pf	Pf	Pf	Ff
JU2/c	Pf	Fxf	Fxf	Pxf	Ff	Ff	Pf	Pf	Pf	Ff
JU2/d	Pf	Fxtf	Fxtf	Pxf	Ftf	Ftf	Pf	Pf	Pf	Ftf
JU2/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
JU3/a	Pf	Fxf	Fxwf	Pxf	Fwf	Ff	Pf	Pf	Pf	Ff
JU3/b	Pf	Fxf	Fxwf	Pxf	Fwf	Ff	Pf	Pf	Pf	Ff
JU3/c	Pf	Fxf	Fxwf	Pxf	Fwf	Ff	Pf	Pf	Pf	Ff
JU3/d	Pf	Fxtf	Fxtwf	Pxf	Ftwf	Ftf	Pf	Pf	Pf	Ftf
JU4/a	Pf	Fxwf	Pw	Pxf	Pw	Fwf	Pwf	Pwf	Pf	Fwf
JU4/b	Pf	Fxwf	Pw	Pxf	Pw	Fwf	Pwf	Pwf	Pf	Fwf
JU4/c	Pf	Fxwf	Pw	Pxf	Pw	Fwf	Pwf	Pwf	Pf	Fwf
JU5/a	Pwf	Fxwf	Pw	Pxwf	Uw	Pw	Uw	Pwf	Pwf	Pw
JU5/b	Pwf	Fxwf	Pw	Pxwf	Uw	Pw	Uw	Pwf	Pwf	Pw
KI2/b	Ff	G	Fx	Fwf	Fx	G	Ff	Ff	Ff	G
KI2/c	Ff	G	Fx	Fwf	Fx	G	Ff	Ff	Ff	G
KI3/a	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
KI3/b	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
KN2/a	Ff	G	Fx	Fwf	Fx	G	Ff	Ff	Ff	G
KN2/b	Ff	G	Fx	Fwf	Fx	G	Ff	Ff	Ff	G
KN2/c	Ff	G	Fx	Fwf	Fx	G	Ff	Ff	Ff	G
KN2/d	Ftf	Ft	Fxt	Ftwf	Fxt	Ft	Ftf	Ftf	Ftf	Ft
KN2/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
KN3/a	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
KN3/b	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
KN3/c	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
KN3/d	Ftf	Ft	Fxtw	Ftf	Fxtw	Ft	Ftf	Ftf	Ftf	Ft
KN4/a	Fwf	Fw	Pw	Fxcff	Pw	Fw	Pw	Pw	Fwf	Fw
KN4/b	Fwf	Fw	Pw	Fxcff	Pw	Fw	Pw	Pw	Fwf	Fw
KN5/a	Pw	Fxw	Pw	Pxw	Uw	Pw	Uw	Pw	Pw	Pw
LL2/a	Ff	G	Fx	Fwf	Fxd	G	Ff	Fdf	Ff	G
LL2/b	Ff	G	Fx	Fwf	Fxd	G	Ff	Fdf	Ff	G

Table 14: Soil Map Unit Interpretation File

Soil Map Unit Symbol	Balsam Fir White Spruce	Black Spruce	Red Spruce	Eastern White Cedar	Jack Pine Red Pine	White Pine	Sugar Maple	White Ash	Yellow Birch	Trembling Aspen
LL2/c	Ff	G	Fx	Fwf	Fxd	G	Ff	Fdf	Ff	G
LL2/d	Ftf	Ft	Fxt	Ftwf	Fxdt	Ft	Ftf	Fdtf	Ftf	Ft
LL2/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
LL3/a	Ff	G	Fxw	Ff	Fxdw	G	Ff	Fdf	Ff	G
LL3/b	Ff	G	Fxw	Ff	Fxdw	G	Ff	Fdf	Ff	G
LL3/c	Ff	G	Fxw	Ff	Fxdw	G	Ff	Fdf	Ff	G
LL3/d	Ftf	Ft	Fxtw	Ftf	Fxdtw	Ft	Ftf	Fdtf	Ftf	Ft
LL3/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
LL4/b	Fdwf	Fdw	Pw	Fdf	Pdw	Fdw	Pw	Pw	Fdwf	Fdw
LL4/c	Fdwf	Fdw	Pw	Fdf	Pdw	Fdw	Pw	Pw	Fdwf	Fdw
LL4/d	Fdtwf	Fdtw	Pw	Fdtf	Pdw	Fdtw	Pw	Pw	Fdtwf	Fdtw
LO1/b	Uf	Pwf	Pwf	Uw	Fwf	Pwf	Uf	Uf	Pwf	Pwf
LO1/e	Utf	Ut	Ut	Utw	Ut	Ut	Utf	Utf	Ut	Ut
LO2	Uf	Pf	Pf	Pxf	Ff	Pf	Uf	Uf	Pf	Pf
LO2/a	Uf	Pf	Pf	Pxf	Ff	Pf	Uf	Uf	Pf	Pf
LO2/b	Uf	Pf	Pf	Pxf	Ff	Pf	Uf	Uf	Pf	Pf
LO2/c	Uf	Pf	Pf	Pxf	Ff	Pf	Uf	Uf	Pf	Pf
LO2/d	Uf	Pf	Pf	Pxf	Ftf	Pf	Uf	Uf	Pf	Pf
LO2/e	Utf	Ut	Ut	Ut	Ut	Ut	Utf	Utf	Ut	Ut
LO3/a	Uf	Pf	Pf	Pxf	Fwf	Pf	Uf	Uf	Pf	Pf
LO3/b	Uf	Pf	Pf	Pxf	Fwf	Pf	Uf	Uf	Pf	Pf
LO3/c	Uf	Pf	Pf	Pxf	Fwf	Pf	Uf	Uf	Pf	Pf
LO3/d	Uf	Pf	Pf	Pxf	Ftwf	Pf	Uf	Uf	Pf	Pf
LO4/a	Uf	Pf	Pwf	Pf	Pw	Pf	Uf	Uf	Pf	Pf
LO4/b	Uf	Pf	Pwf	Pf	Pw	Pf	Uf	Uf	Pf	Pf
LO4/c	Uf	Pf	Pwf	Pf	Pw	Pf	Uf	Uf	Pf	Pf
MV1/e	Ut	Ut	Ut	Utw	Ut	Ut	Ut	Ut	Ut	Ut
MV2/c	Pf	Fxf	Fxf	Pxf	Ff	Ff	Pf	Pf	Pf	Ff
MV2/d	Pf	Fxtf	Fxtf	Pxf	Ftf	Ftf	Pf	Pf	Pf	Ftf
MV2/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
MV3/b	Pf	Fxf	Fxwf	Pxf	Fwf	Ff	Pf	Pf	Pf	Ff
PD2/b	Pf	Fxf	Fxf	Pxf	Fdf	Fdf	Pf	Pf	Pf	Ff
PD2/c	Pf	Fxf	Fxf	Pxf	Fdf	Fdf	Pf	Pf	Pf	Ff
PD2/d	Pf	Fxtf	Fxtf	Pxf	Fdtf	Fdtf	Pf	Pf	Pf	Ftf
PD2/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
PD3/a	Pf	Fxf	Fxwf	Pxf	Fdwf	Fdf	Pf	Pf	Pf	Ff

Table 14: Soil Map Unit Interpretation File

Soil Map Unit Symbol	Balsam Fir White Spruce	Black Spruce	Red Spruce	Eastern White Cedar	Jack Pine Red Pine	White Pine	Sugar Maple	White Ash	Yellow Birch	Trembling Aspen
PD3/b	Pf	Fxf	Fxwf	Pxf	Fdwf	Fdf	Pf	Pf	Pf	Ff
PD3/c	Pf	Fxf	Fxwf	Pxf	Fdwf	Fdf	Pf	Pf	Pf	Ff
PD3/d	Pf	Fxtf	Fxtwf	Pxf	Fdtwf	Fdtf	Pf	Pf	Pf	Ftf
PD3/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
PD4/a	Pf	Fwf	Pw	Pf	Pw	Fdwf	Pwf	Pwf	Pf	Fwf
PD4/b	Pf	Fwf	Pw	Pf	Pw	Fdwf	Pwf	Pwf	Pf	Fwf
PD4/c	Pf	Fwf	Pw	Pf	Pw	Fdwf	Pwf	Pwf	Pf	Fwf
PD5/a	Pwf	Fdwf	Pw	Pwf	Uw	Pw	Uw	Pwf	Pwf	Pw
PD5/b	Pwf	Fdwf	Pw	Pwf	Uw	Pw	Uw	Pwf	Pwf	Pw
PD6/a	Uw	Pw	Pw	Uw	Uw	Uw	Uw	Uw	Uw	Uw
PI2/c	Pf	Fxf	Fxf	Pxf	Fdf	Fdf	Pf	Pf	Pf	Ff
PR1/d	Pw	Pw	Pw	Uw	Fdtw	Pw	Pw	Pw	Pw	Pw
PR2	Fxf	Fx	Fx	Px	Fd	Fd	Fdf	Fxdf	Ff	G
PR2/a	Fxf	Fx	Fx	Px	Fd	Fd	Fdf	Fxdf	Ff	G
PR2/b	Fxf	Fx	Fx	Px	Fd	Fd	Fdf	Fxdf	Ff	G
PR2/c	Fxf	Fx	Fx	Px	Fd	Fd	Fdf	Fxdf	Ff	G
PR2/d	Fxtf	Fxt	Fxt	Px	Fdt	Fdt	Fdtf	Fxdtf	Ftf	Ft
PR2/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
PR3/a	Fxf	Fx	Fxw	Px	Fdw	Fd	Fdf	Fxdf	Ff	G
PR3/b	Fxf	Fx	Fxw	Px	Fdw	Fd	Fdf	Fxdf	Ff	G
PR3/c	Fxf	Fx	Fxw	Px	Fdw	Fd	Fdf	Fxdf	Ff	G
PR3/d	Fxtf	Fxt	Fxtw	Px	Fdtw	Fdt	Fdtf	Fxdtf	Ftf	Ft
PT1/d	Pw	Pw	Pw	Uw	Fxtw	Pw	Pw	Pw	Pw	Pw
PT1/e	Ut	Ut	Ut	Utw	Ut	Ut	Ut	Ut	Ut	Ut
PT2/a	Ff	G	Fx	Fwf	Fx	G	Ff	Ff	Ff	G
PT2/b	Ff	G	Fx	Fwf	Fx	G	Ff	Ff	Ff	G
PT2/c	Ff	G	Fx	Fwf	Fx	G	Ff	Ff	Ff	G
PT2/d	Ftf	Ft	Fxt	Ftwf	Fxt	Ft	Ftf	Ftf	Ftf	Ft
PT2/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
PT3/a	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
PT3/b	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
PT3/c	Ff	G	Fxw	Ff	Fxw	G	Ff	Ff	Ff	G
PT3/d	Ftf	Ft	Fxtw	Ftf	Fxtw	Ft	Ftf	Ftf	Ftf	Ft
PT3/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
PT4/a	Fwf	Fw	Pw	Ff	Pw	Fw	Pw	Pw	Fwf	Fw
PT4/b	Fwf	Fw	Pw	Ff	Pw	Fw	Pw	Pw	Fwf	Fw

Table 14: Soil Map Unit Interpretation File

Soil Map Unit Symbol	Balsam Fir White Spruce	Black Spruce	Red Spruce	Eastern White Cedar	Jack Pine Red Pine	White Pine	Sugar Maple	White Ash	Yellow Birch	Trembling Aspen
PT4/c	Fwf	Fw	Pw	Ff	Pw	Fw	Pw	Pw	Fwf	Fw
PT4/d	Ftwf	Ftw	Pw	Ftf	Pw	Ftw	Pw	Pw	Ftwf	Ftw
PT5/a	Pw	Fw	Pw	Pw	Uw	Pw	Uw	Pw	Pw	Pw
PT5/b	Pw	Fw	Pw	Pw	Uw	Pw	Uw	Pw	Pw	Pw
PT5/c	Pw	Fw	Pw	Pw	Uw	Pw	Uw	Pw	Pw	Pw
PT5/d	Pw	Ftw	Pw	Pw	Uw	Pw	Uw	Pw	Pw	Pw
RE2/a	Fxf	Fx	Fx	Px	Fd	Fd	Fdf	Fxdf	Ff	G
RE2/b	Fxf	Fx	Fx	Px	Fd	Fd	Fdf	Fxdf	Ff	G
RE2/c	Fxf	Fx	Fx	Px	Fd	Fd	Fdf	Fxdf	Ff	G
RE2/d	Fxtf	Fxt	Fxt	Px	Fdt	Fdt	Fdtf	Fxdtf	Ftf	Ft
RE3/a	Fxf	Fx	Fxw	Px	Fdw	Fd	Fdf	Fxdf	Ff	G
RE3/b	Fxf	Fx	Fxw	Px	Fdw	Fd	Fdf	Fxdf	Ff	G
RE3/c	Fxf	Fx	Fxw	Px	Fdw	Fd	Fdf	Fxdf	Ff	G
RE4/a	Fxdwf	Fxdw	Pw	Px	Pdw	Fdw	Pw	Pw	Fdwf	Fdw
RE4/b	Fxdwf	Fxdw	Pw	Px	Pdw	Fdw	Pw	Pw	Fdwf	Fdw
RE5/a	Pw	Fxdw	Pw	Pxw	Uw	Pdw	Uw	Pdw	Pdw	Pw
RE5/b	Pw	Fxdw	Pw	Pxw	Uw	Pdw	Uw	Pdw	Pdw	Pw
RE6/a	Uw	Pw	Pw	Uw	Uw	Uw	Uw	Uw	Uw	Uw
RI2	Ux	Ux	Ux	Ux	Px	Px	Ux	Ux	Ux	Ux
RI2/a	Ux	Ux	Ux	Ux	Px	Px	Ux	Ux	Ux	Ux
RI2/b	Ux	Ux	Ux	Ux	Px	Px	Ux	Ux	Ux	Ux
RI2/c	Ux	Ux	Ux	Ux	Px	Px	Ux	Ux	Ux	Ux
RI2/d	Ux	Ux	Ux	Ux	Px	Px	Ux	Ux	Ux	Ux
RI3/a	Ux	Ux	Ux	Ux	Px	Px	Ux	Ux	Ux	Ux
RI3/b	Ux	Ux	Ux	Ux	Px	Px	Ux	Ux	Ux	Ux
RI3/c	Ux	Ux	Ux	Ux	Px	Px	Ux	Ux	Ux	Ux
RI4/a	Pxf	Px	Pxw	Ux	Pw	Fwf	Ux	Ux	Ux	Px
RI4/b	Pxf	Px	Pxw	Ux	Pw	Fwf	Ux	Ux	Ux	Px
RI5/a	Ux	Ux	Ux	Ux	Uw	Pxw	Uxw	Ux	Ux	Ux
SA2/a	Ff	G	Fx	Fwf	Fxd	Fd	Fdf	Fdf	Ff	G
SA2/b	Ff	G	Fx	Fwf	Fxd	Fd	Fdf	Fdf	Ff	G
SA2/c	Ff	G	Fx	Fwf	Fxd	Fd	Fdf	Fdf	Ff	G
SA2/d	Ftf	Ft	Fxt	Ftwf	Fxdt	Fdt	Fdtf	Fdtf	Ftf	Ft
SA2/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
SA3/a	Fxf	Fx	Fxw	Px	Fdw	G	Ff	Fxdf	Ff	G
SA3/b	Fxf	Fx	Fxw	Px	Fdw	G	Ff	Fxdf	Ff	G

Table 14: Soil Map Unit Interpretation File

Soil Map Unit Symbol	Balsam Fir White Spruce	Black Spruce	Red Spruce	Eastern White Cedar	Jack Pine Red Pine	White Pine	Sugar Maple	White Ash	Yellow Birch	Trembling Aspen
SA3/c	Fxf	Fx	Fxw	Px	Fdw	G	Ff	Fxdf	Ff	G
SA3/d	Fxtf	Fxt	Fxtw	Px	Fdtw	Ft	Ftf	Fxdtf	Ftf	Ft
SA3/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
SA4/a	Fdwf	Fdw	Pw	Fdf	Pdw	Fdw	Pw	Pw	Fdwf	Fdw
SA4/b	Fdwf	Fdw	Pw	Fdf	Pdw	Fdw	Pw	Pw	Fdwf	Fdw
SA4/c	Fdwf	Fdw	Pw	Fdf	Pdw	Fdw	Pw	Pw	Fdwf	Fdw
SA4/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
SA5/a	Pw	Fdw	Pw	Pw	Uw	Pdw	Uw	Pdw	Pdw	Pw
SA5/b	Pw	Fdw	Pw	Pw	Uw	Pdw	Uw	Pdw	Pdw	Pw
SA5/c	Pw	Fdw	Pw	Pw	Uw	Pdw	Uw	Pdw	Pdw	Pw
SA6/a	Uw	Pw	Pw	Uw	Uw	Uw	Uw	Uw	Uw	Uw
SB2/a	Pf	Fdf	Fxdf	Pf	Pd	Fdf	Pf	Pf	Pf	Fdf
SB2/b	Pf	Fdf	Fxdf	Pf	Pd	Fdf	Pf	Pf	Pf	Fdf
SB2/c	Pf	Fdf	Fxdf	Pf	Pd	Fdf	Pf	Pf	Pf	Fdf
SB2/d	Pf	Fdtf	Fxdtf	Pf	Pd	Fdtf	Pf	Pf	Pf	Fdtf
SB3/a	Pf	Fdf	Fxdwf	Pf	Pd	Fdf	Pf	Pf	Pf	Fdf
SB3/b	Pf	Fdf	Fxdwf	Pf	Pd	Fdf	Pf	Pf	Pf	Fdf
SB3/c	Pf	Fdf	Fxdwf	Pf	Pd	Fdf	Pf	Pf	Pf	Fdf
SB3/d	Pf	Fdtf	Fxdtwf	Pf	Pd	Fdtf	Pf	Pf	Pf	Fdtf
SB4/a	Pf	Fdwf	Pw	Pf	Pdw	Fdwf	Pwf	Pwf	Pf	Fdwf
SB4/b	Pf	Fdwf	Pw	Pf	Pdw	Fdwf	Pwf	Pwf	Pf	Fdwf
SB5/a	Pwf	Fdwf	Pw	Pwf	Uw	Pdw	Uw	Pdwf	Pdwf	Pw
SB5/b	Pwf	Fdwf	Pw	Pwf	Uw	Pdw	Uw	Pdwf	Pdwf	Pw
SB5/c	Pwf	Fdwf	Pw	Pwf	Uw	Pdw	Uw	Pdwf	Pdwf	Pw
SB6/a	Uw	Pw	Pw	Uw	Uw	Uw	Uw	Uw	Uw	Uw
SB6/b	Uw	Pw	Pw	Uw	Uw	Uw	Uw	Uw	Uw	Uw
SN1/c	Pxwf	Pxw	Pxw	Uxw	Fwf	Pw	Ux	Ux	Ux	Pxw
SN1/d	Pxwf	Pxw	Pxw	Uxw	Ftwf	Pw	Ux	Ux	Ux	Pxw
SN1/e	Ut	Ut	Ut	Uxtw	Ut	Ut	Uxt	Uxt	Uxt	Ut
SN2/a	Pxf	Px	Px	Ux	Ff	Ff	Ux	Ux	Ux	Px
SN2/b	Pxf	Px	Px	Ux	Ff	Ff	Ux	Ux	Ux	Px
SN2/c	Pxf	Px	Px	Ux	Ff	Ff	Ux	Ux	Ux	Px
SN2/d	Pxf	Px	Px	Ux	Ftf	Ftf	Ux	Ux	Ux	Px
SN2/e	Ut	Ut	Ut	Uxt	Ut	Ut	Uxt	Uxt	Uxt	Ut
SN3/a	Pxf	Px	Px	Ux	Fwf	Ff	Ux	Ux	Ux	Px
SN3/b	Pxf	Px	Px	Ux	Fwf	Ff	Ux	Ux	Ux	Px

Table 14: Soil Map Unit Interpretation File

Soil Map Unit Symbol	Balsam Fir White Spruce	Black Spruce	Red Spruce	Eastern White Cedar	Jack Pine Red Pine	White Pine	Sugar Maple	White Ash	Yellow Birch	Trembling Aspen
SN3/c	Pxf	Px	Px	Ux	Fwf	Ff	Ux	Ux	Ux	Px
SN4/a	Pxf	Px	Pxw	Ux	Pw	Fwf	Ux	Ux	Ux	Px
SN5/a	Pwf	Fxwf	Pw	Pxwf	Uw	Pw	Uw	Pwf	Pwf	Pw
SP2/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
SS2/b	Fd	Fd	Fxd	Fdw	Pd	Fd	Fd	Fd	Fd	Fd
SS2/c	Fd	Fd	Fxd	Fdw	Pd	Fd	Fd	Fd	Fd	Fd
SS2/d	Fdt	Fdt	Fxdt	Fdtw	Pd	Fdt	Fdt	Fdt	Fdt	Fdt
SS2/e	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut	Ut
SS3/a	Fd	Fd	Fxdw	Fd	Pd	Fd	Fd	Fd	Fd	Fd
SS3/b	Fd	Fd	Fxdw	Fd	Pd	Fd	Fd	Fd	Fd	Fd
SS3/c	Fd	Fd	Fxdw	Fd	Pd	Fd	Fd	Fd	Fd	Fd
SS3/d	Fdt	Fdt	Fxdtw	Fdt	Pd	Fdt	Fdt	Fdt	Fdt	Fdt
SS4/a	Fw	Fw	Pw	G	Pw	Fdw	Pw	Pw	Fw	Fw
SS4/b	Fw	Fw	Pw	G	Pw	Fdw	Pw	Pw	Fw	Fw
SS4/c	Fw	Fw	Pw	G	Pw	Fdw	Pw	Pw	Fw	Fw
SS5/a	Pw	Fw	Pw	Pw	Uw	Pw	Uw	Pw	Pw	Pw
SS5/b	Pw	Fw	Pw	Pw	Uw	Pw	Uw	Pw	Pw	Pw
SS6/b	Uw	Pw	Pw	Uw	Uw	Uw	Uw	Uw	Uw	Uw
TD4/a	Fdw	Fdw	Pw	Fd	Pdw	Fdw	Pw	Pw	Fdw	Fdw
TT3/c	Ff	G	Fxw	Ff	Fxdw	Fd	Fdf	Fdf	Ff	G
TU2/b	Pf	Ff	Fxf	Pf	Fxf	Ff	Pf	Pf	Pf	Ff
TU2/c	Pf	Ff	Fxf	Pf	Fxf	Ff	Pf	Pf	Pf	Ff
TU3/b	Pf	Ff	Fxwf	Pf	Fxdwf	Ff	Pf	Pf	Pf	Ff
TU4/b	Pf	Fwf	Pw	Pf	Pw	Fwf	Pwf	Pwf	Pf	Fwf

APPENDIX 3

HOW TO USE TABLES IN APPENDIX 1 AND 2

If you are looking only for soil information, the following is suggested:

The users of the Fundy Model Forest soils map will locate any polygon in question on the map then read the polygon number and/or the polygon symbol (i.e: 35, BB5/a) off the map, then use Table 10 to locate the polygon number (i.e: 35) in column 1 (polygon number) then he/she will notice that the polygon symbol (i.e: BB5/c) is in column 2 (Soil Map Unit Symbol), the area of the polygon in question (i.e: 2•714) is indicated in column 3 (area Ha) in hectares.

Following that; more information of that symbol (i.e: BB5/c) can be extracted from Table 11, by simply looking up the symbol in column 2 (Soil Map Unit Symbol) and going across the Table. The key to the heading of each column is found on page 3 and 4 under the Soil Map Unit File (SMUF) and in the legend on the soils map.

More detailed information related to each specific Forest Soil Unit (i.e: BB, Barrieau-Buctouche) can be extracted from Table 12, by simply looking up the soil in question in column 1 (Soil Name) and going across the Table. The key to the heading of each column is found on page 4 under the Soil Name File (SNF) and the key to some of the remaining symbols are summarized on page 14.

For each specific Forest Soil Unit Profile, more detailed information; by horizon, can be extracted from Table 13 by simply looking up the soil in question in column 1 (Soil Name) and going across and down the Table. The key to the heading of each column is found on page 5 under the Soil Layer File (SLF).

In using Table 14, the user simply locates the soil map unit name of the polygon in question in column 1 (Soil Map Unit Symbol). The user then goes across the Table to obtain the interpretation related to the tree species in question. The key to symbols used in this Table is on page 64.