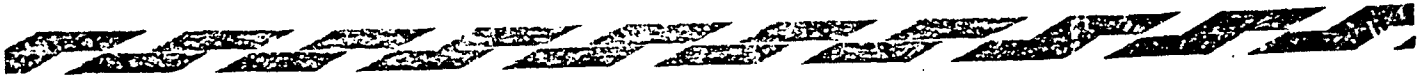




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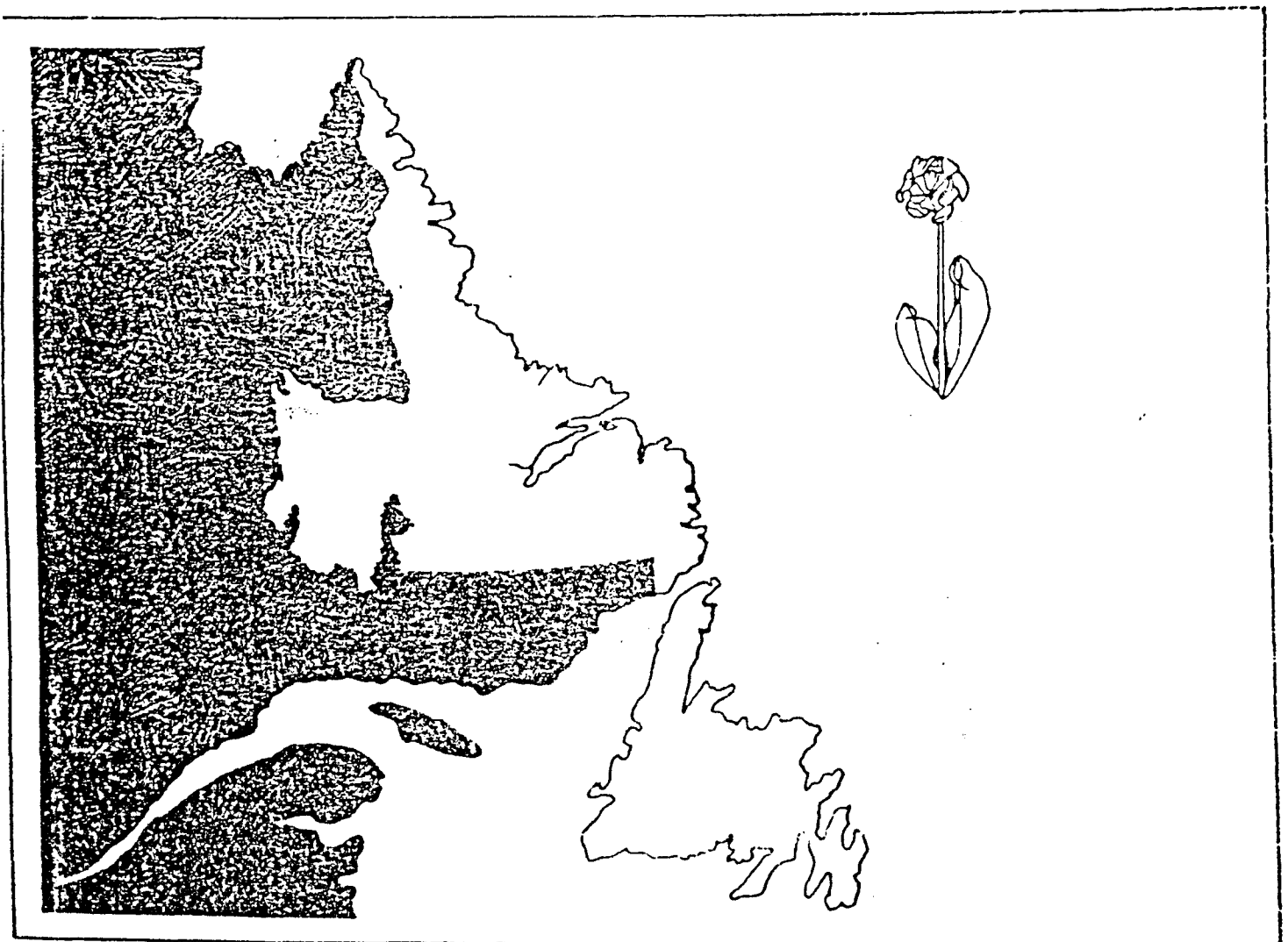
Department of Rural, Agricultural  
and Northern Development



# Soils of the White's River Road Area, Newfoundland

## Soil Survey Report 29

### Newfoundland Soil Survey



Soil and Land Management Division  
File No. 527.11

**Soils of the White's River Road Area**

**Newfoundland**

**Report No. 29**

**Newfoundland Survey**

G.E. Kirby, T. Cahill and J.B. Whalen  
Soils & Land Management Division  
Department of Forestry & Agriculture  
St. John's, Newfoundland

1989

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D. Blackmore and D. Murphy for typing the final draft of the report and legend.

SUMMARY

The White's River Road survey area is located in western Newfoundland, just north of Cormack off Veteran's Road. The survey area covers 2670 ha.

The climate of the area is well suited for the crops grown in the province. However, late spring and early frost are common and should be considered if low frost-tolerant crops are grown.

The soils in the White's River Road area have formed on glacial till and waterlain deposits derived from sedimentary rock of local origin, but also included igneous rock from the Long Range Mountains. Organic soils have formed on moderately decomposed sphagnum moss and sedge material.

### INTRODUCTION

The White's River Road project was initiated in response to the increasing need for soils information required for the adequate planning the agricultural resources in the area. The main emphasis was placed on the potential for forage production.

Field work was initiated in 1979 and during that time only half the project area was completed. In 1987 the remaining portion of the area was field checked. In the fall of 1987 an area north of the original survey area was identified for detailed soil survey work. This land was surveyed during the summer of 1988.

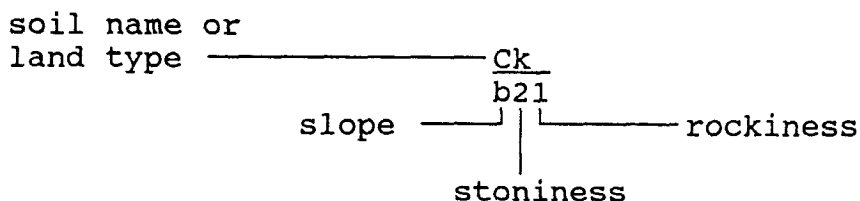
### HOW TO USE THE SOILS MAP

To use the map and legend, first locate the area on the map to be studied. The delineation(s) or polygon(s) in which the area falls will have a map symbol.

The map symbols have been arranged, using a numerator-denominator type of format. The numerator segment of the symbol contains the abbreviation of the soil name found within the polygon. For example, the Cormack soil has the abbreviated symbol Ck. The Cormack soil name has been alphabetically listed on the left hand side of the legend.

The denominator segment of the symbol contains information on slope, stoniness and bedrock exposure (Fig. 1). The definitions for these denominator symbols are located on the map.

#### Simple map unit symbol



#### Complex map unit symbol

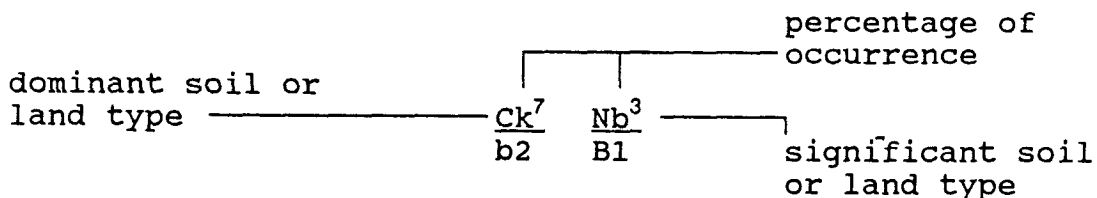


Figure 1. simple and complex map symbols.



The report also contains two additional maps: a polygon map and a forage suitability map. The polygon map gives the unique polygon number for each delineation. This number is also listed in the extended legend (Appendix I) in which information on specific soil attributes (texture, slope, stoniness, soil name, etc.) can be obtained. The forage suitability map is a derived map in which the specific forage ratings for each polygon has been indicated. The area count for each polygon and its forage suitability rating are also listed in the extended legend.

## DESCRIPTION OF THE AREA

### Location and extent

The White's River Road Agricultural Development Area (A.D.A.) is located just north of the community of Cormack on the road to Sir Richard Squires Provincial Park. The area is bounded on the southeast by Veteran's Road, to the north by the community pasture and to the southwest by the Cormack community boundary (Fig. 2). The total area covers approximately 2670 ha of land.

### Land use

At present, much of the land base is under a predominantly black spruce-balsam fir forest cover. There are several active sawmills in the area. However, an increasing portion of the land base has been developed for agriculture. These areas are either in forage or in vegetable production.

### Surficial geology

The surficial geology of the area primarily consists of hummocky glacial till derived from carboniferous sedimentary rock, mainly gray shale and siltstone, gray limestone, red siltstone and sandstone with minor inclusions of igneous rock. In the northwest corner of the area, sandy glaciofluvial deposits of mixed lithology, occur southeast and northwest of Deadwater Brook. Shallow organic deposits occur in the swales between the till hummocks.

### Vegetation

The survey area is located within the Boreal Forest zone. The vegetation, is commonly balsam fir, black spruce and white birch with an understorey of fern and bunchberry. Poorly drained soils support speckled alder, mountain maple and some yellow birch, with an understorey of horsetail and clintonia.

### Climate

The White's River Road survey area is located southwest of Adies Pond (Fig. 2) and occurs at elevations between 90 and 125 masl. The nearest meteorological recording station is at Deer Lake

Airport (22 masl) which is nearly 18 kilometers to the southwest. Elevation greatly influences the climate in this region and generally results in lower temperatures and higher winds. As most of the survey area falls above the 90 metre mark, the climate data at the Deer Lake Airport may not be totally indicative of the local climate conditions in the project area. The average frost free period for the Deer Lake Airport is 97 days and has an average growing degree days ( $>5^{\circ}\text{C}$ ) of 1240. The area experiences an average annual precipitation of 1133 mm. Throughout the months of May to September the survey area receives between 400 to 450 mm of precipitation. This amount of rainfall combined with the relatively good moisture-holding capacity of most of the soils, due in part to the finer texture, usually ensures that moisture is always available to the plant.

#### Soil Mapping Methodology

Soils mapping was accomplished with the use of 1:12,500 color air photos and 1:15,000 black and white airphotos. Soil units were delineated on the photos using changes in vegetation, parent material, topography and drainage to separate the different polygons. These units were verified by ground truthing during the field season.

The soil names used in this report have been taken from "Soils of the Cormack-Deer Lake area, 1983."

### MAJOR CHARACTERISTICS OF THE MAPPED SOILS

#### ADIES POND (399 ha)

The Adies Lake soils have been classified as Gleyed Humo-Ferric Podzol. These soils have developed on very stony sandy loam glacial till derived from red sandstone, red siltstone, granite and granitic gneiss. The soils usually occur on upper to mid-slopes. The vegetation cover consists of balsam fir and minor white birch. The ground cover consists of feather moss and plume mosses, bunchberry and clintonia. Stoniness ranges from slight to exceedingly.

#### ALLUVIUM SOIL (155 ha)

The Alluvium soils have not been given any specific soil classification, because of their wide range of drainage classes. Drainage classes are usually well to imperfect but areas of poorly to very poorly drained do occur. These soils are susceptible to flooding especially during the spring. These soil occur along the Deadwater Brook area. Soil textures range from fine sand to bouldery and cobbly sand. Small areas are covered by shallow organic deposits ( $<40$  cm) usually derived from herbaceous plants. The vegetation cover consists of stunted black spruce, alder and herbaceous plants.

BIG FALLS SOIL (368 ha)

The Big Falls soil is classified as Orthic Humo-Ferric Podzol. These soils have developed on stony loam to clay loam till derived from red siltstone, shale and sandstone with minor conglomerate. The soils usually occur on upper to mid-slopes in undulating to rolling terrain. The main vegetation cover is balsam fir, with minor white birch and with a ground cover of feather mosses, bunchberry and kalmia.

CORMACK (547 ha)

The Cormack soils have been classified as Orthic Humo-Ferric Podzol. The soils have developed on hummocky to undulating glacial till derived from gray to green shale and sandstone. They are found on the upper slopes of moderately well to well drained terrain. The vegetation consists of balsam fir intermixed with white birch and a ground cover of plume mosses and bunchberry. The Cormack soils have a generally well developed Bf horizon (30-35 cm in depth) and range in texture from very fine sandy loam to loam. Stoniness ranges from slight to moderate throughout the soil, however, large stones and boulders usually occur on the soil surface and are primarily subrounded granitics.

HUMBER SOIL (140 ha)

The Humber soils have been classified as Orthic Ferro-Humic Podzol. These soils have developed on hummocky to undulating glacial till derived from gray to green shale and sandstone. These soils generally occur on mid to upper slopes on moderately well drained terrain. The vegetation cover consists of balsam fir, minor white birch and an understorey of mosses and bunchberry. Solum textures of the Humber soils range from clay loam to shaly clay which is much heavier than the textures associated with the Cormack. Stoniness ranges from slight to moderate throughout the soil, however, large stones and boulders usually occur on the soil surface and primarily subrounded granitics.

JUNCTION BROOK SOIL (150 ha)

The Junction Brook soil is classified as an Orthic Gleysol. These soils occur in depressions and on the lower mid-slopes and lower slopes of gently to strongly, sloping terrain. The soils have developed on exceedingly stony, gravelly, sandy loam till derived from sandstone and granite. The internal drainage of these soils is imperfect to poor on the slopes because of seepage water but due to the high water table (15-30 cm from the surface) they are classified as poorly drained soils. The vegetation cover on sloping topography is balsam fir, white birch and minor amounts of black spruce. The ground cover is mainly feather mosses. In the depressions, black spruce is the dominant tree cover and the ground cover consists of feather and sphagnum mosses.

LITTLE FALLS (28 ha)

The Little Falls soils have been classified as Orthic Humo-Ferric Podzols. These soils have developed on sandy loam till derived from red sandstone, conglomerate and siltstone. The soils usually occupy upper slopes and mid-slopes of undulating to gentle rolling terrain. The vegetation cover consists of balsam fir and black spruce with some white birch. The understorey is comprised of heath plants, plume moss, feather moss and reindeer moss.

MCISAACS BROOK SOIL (21 ha)

The McIsaacs Brook soils occur throughout the survey area. These soils have been classified as Typic Mesisol to Terric Humic-Mesisol. Drainage is very poor, with free standing water near or at the surface for most of the year. The vegetation cover consists of sphagnum moss, sedges, rushes, reeds and wintergreen. In some areas scrubby black spruce occur in association with leather leaf, labrador tea, clintonia and kalmia.

NORTH BROOK SOIL (350 ha)

The North Brook soil are usually Rego Gleysols (peaty phase). These soils have developed on gray to green shale and soft sandstone with minor granite. These soils usually occur at the base of slopes and valley bottoms in association with shallow organic deposits. The vegetation cover is predominantly alder, larch, yellow birch and black spruce, with a ground cover of horsetail and clintonia.

ROCKLAND (7 ha)

Rockland is a land type consisting of areas that are dominantly rock outcrops and areas with very shallow mineral layers (less than 10 cm) or shallow organic layers. Rock outcrops in the map area occur mainly on the tops of hills in the northern most portion of the survey area.

SANDY LAKE (300 ha)

The Sandy Lake soil is developed on slightly decomposed nutrient poor sphagnum mosses. The soils are very poorly drained and the surface is covered with numerous small ponds or flashets. The soils are classified as Typic Fibrisol. This deposit ranges in depth from 1.5 to 3 metres.

WHITE'S RIVER SOIL (208 ha)

The White's River soil was not mapped by Button (1983). However, the occurrence of this imperfectly drained member of the Cormack catena was frequent enough within this survey area to

justify it's creation. The White's River soil has been classified as a Gleyed Humo-Ferric Podzol and has developed on grey to greenish gray loamy morainal deposits derived from shale and slate. These soil usually occur on the lower part of mid-slope and in slightly depressional land. The vegetation cover consists of black spruce, balsam fir and minor white birch.

#### SOIL SUITABILITY FOR AGRICULTURE

The mineral soils of the survey area have been evaluated, according to their capability for supporting forage crops. The organic soils have not been rated because of insufficient soils information and the lack of an adequate rating system.

The soil suitability rating system used, is taken from Van de Hulst (1985) to suit Newfoundland conditions. The criteria used to rate the soils for forage production are outlined in Table 1. Four degrees of soil suitability are used:

- Good           - The map unit is suitable for a particular use. The soils of the map unit are relatively free of problems or limitations, or if they exist, they can be easily overcome.
- Fair           - The map unit is marginally suitable for a particular use. The soils of the map unit have problems or limitations which can be overcome with good management and careful design. Input costs should be carefully assessed.
- Poor           - The map unit is poorly suited for a particular use. The soils of the map unit have problems or limitations which are severe enough to make use questionable, because of costs of overcoming them or of continuing problems expected with such use.
- Unsuitable - The map unit is unsuitable for a particular use. The soils of the map unit have problems or limitations which are so severe, that the input required to utilize the soil is too great to justify the effort under existing conditions.

The degree of suitability (good, fair, poor or unsuitable) is determined by the most restrictive or severe rating assigned to any of the listed soil properties. For example, if the degree of suitability for a given crop is "good" for all but one soil property, and that one soil property is "poor", then the overall rating of the soil for that given use is "poor". However, the severity of the restriction of individual soil properties can have an accumulative effect which can downgrade the degree of suitability of a map unit. This depends on the severity of the combination of several restrictive soil properties. The decision

to downgrade the degree of suitability of a map unit is arbitrary and left up to the discretion of the interpreter.

**Caution:** It is incorrect to assume that each of the major soil properties influencing use has an equal effect. Class limits for the degree of limitation of individual soil properties were established taking this into account and thus, in fact, weighing each property separately.

Table 1. Soil suitability for forage crops.

Major soil properties influencing uses	Degree of suitability			
	Good	Fair	Poor	Unsuitable
Depth to bedrock	>100 cm	50-100 cm	20-50 cm	<20 cm
Depth to constricting layer	> 50 cm	25-50 cm	<25 cm	
Available moisture	Not affected by droughtiness	Drought occurs in some areas	Drought occurs almost every day	
Drainage	Well Mod. well	Imperfect	Poor & Imperfect with seepage	Very poor
Topography	0-9% (A-D)*	9-15% (E)(d)*	15-30% (F)*	>30%(G-J)*
Field Size				
Rock outcrops and large boulders (>250 cm diam.) % surface coverage	<2 (0)*	2-10 (1)*	10-25 (11)*	>25 (III,* IV, V)
Surface Stones, Boulders and Cobbles (7.5-250 cm diam.) % surface coverage	<3 (0-2)*	3-15 (3)*	15-50 (4)*	>50 (5)*
Gravel (0.2-7.5 cm diam.) in Upper 25 cm. % by volume	<50	<50	50-80	>80

If more than 2 restrictive soil properties occur in the fair or poor degree the rating will be downgraded by one class (i.e. to poor or unsuitable).

\* Class range codes according to "Canadian System of Soil Classification, 1978" are between brackets.

The White's River Road soil survey actually is comprised of two separate mapping areas. One mapping area is north of Deadwater Brook and encompassed 1055 ha or 40% of the entire survey area and contains 115 soil polygons. The second mapping area is south of Deadwater Brook and encompasses 1613 ha or 60% of the area and contains 255 soil polygons. Tables 3 and 4 are summaries of these two mapping areas and contain information on the forage suitability ratings, number of hectares and total percent of the survey area for each suitability rating.

Table 2 is a summary of the forage suitability ratings along with the number of hectares and the total percentage of the survey area for each suitability rating. The data reveals that over 51% (1375 ha) of land has a good to fair rating for forage production, 16.2% (431.7 ha) poor and 22.4% (598 ha) unsuitable.

Table 2: Summary of forage suitability rating, area count and percentage of occurrence for the White's River Road area, Western Newfoundland.

Forage Suitability Ratings

Good	Fair	Poor	Unsuitable	Not Rated	Total
354.2	1021.1	431.7	598.0	262.9	2667 ha
(875.2)	(2523.1)	(1066.7)	(1477.7)	(649.6)	(6592) ac
13.3%	38.3%	16.2%	22.4%	9.9%	100%

Table 3. Summary of forage suitability rating, area count and percentage of occurrence for the area north of Deadwater Brook, polygons 1 to 115.

Forage Suitability Ratings

Good	Fair	Poor	Unsuitable	Not Rated	Total
50.5	392.9	320.3	255.4	35.9	1055 ha
(124.8)	(970.9)	(791.5)	(631.1)	(88.7)	(2606.9) ac
4.8%	37.2%	30.4%	24.2%	3.4%	100%

Table 4. Summary of forage suitability rating, area count and percentage of occurrence for the area south of Deadwater Brook, polygons 116 to 360.

Forage Suitability Ratings

Good	Fair	Poor	Unsuitable	Not Rated	Total
303.7	628.2	111.4	342.6	227.0	1612.9 ha
(750.4)	(1552.3)	(275.3)	(846.6)	(560.9)	(3985.5) ac
13.3%	38.3%	16.2%	22.4%	9.9%	100%



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Appendix I

Soils legend for the White's River Road area including  
forage suitability ratings and area counts for each  
polygon.

EXPLANATION OF THE HEADERS USED IN THE EXTENDED LEGEND

DELCODE (POLYGON NUMBER): Numbered from 1 to 360. If the letter B follows a polygon number it pertains to a complex unit in which a dominant and significant portion of the polygon has been mapped.

DEPTH TO BEDROCK: In centimetres. If more than 100 cm enter 100.

DEPTH OF ROOTING: In centimetres; depth of maximum root penetration by roots 1 to 2 mm in diameter and larger.

DEPTH TO CONSTRICTING LAYER: In centimetres. If more than 100 cm enter 100.

TYPE, DEGREE, EXTENT OF CONSTRICTING LAYER

Type	Code	Degree	Code
Basal or compact till	B	Weakly cemented	W
Strong textural gradient	T	Strongly cemented	S
Ortstein	O	Indurated	I
Fragipan	F		
Placic	P		
Duric	D		

Extent	Code
Continuous over distance of 1 m	C
Discontinuous over distance of 1 m	D

DRAINAGE:

Rapidly drained  
Well drained  
Moderately well drained  
Imperfectly drained  
Poorly drained  
Very poorly drained

SEEPAGE: Absent - No  
Present - Yes

STONINESS: Stones 25 to 60 cm in diameter or if flat 38 to 60 cm long.

Class	% Surface Covered	Distance (meters)
0 Nonstony	<0.01	>25
1 Slightly stony	0.01-0.1	8-25
2 Moderately stony	0.1-3	1-8
3 Very stony	3-15	0.5-1
4 Exceedingly stony	15-50	0.1-0.5
5 Excessively stony	>50	<0.1

ROCKINESS: % of surface occupied by exposed bedrock.

Class	% Surface Covered	Distance (meters)
0 Nonrocky	<2	>100
1 Slightly rocky	2-10	35-100
2 Moderately rocky	10-25	10-35
3 Very rocky	25-50	3.5-10
4 Exceedingly rocky	50-90	<3.5
5 Excessively rocky	>90	

BOULDERS: Rock fragments more than 60 cm in diameter or if flat more than 60 cm long.

Class	% Surface Covered	Distance (meters) when	
		>60 cm	>120 cm
0 Nonbouldery	<0.01	>60	>120
1 Slightly bouldery	0.01-0.1	20-60	37-120
2 Moderately bouldery	0.1-3	3-20	6-37
3 Very bouldery	3-15	1-3	2-6
4 Exceedingly bouldery	15-50	0.2-1	0.5-2
5 Excessively bouldery	>50	<0.2	<0.5

COBBLES: Rock fragments 7.5 to 25 cm in diameter or if flat 15 to 38 cm long. Cobbles are expressed as % by volume of the total soil in the upper 25 cm of mineral soil.

Class	Cobbles % by volume (7.5-25 cm)	Coarse gravel & cobbles % by volume (2.5-25 cm)
0 Noncobbley	<0.01%	<5%
1 Slightly cobbley	0.01-1%	6-10%
2 Moderately cobbley	2-5%	11-20%
3 Very cobbley	6-15%	21-40%
4 Exceedingly cobbley	16-30%	41-60%
5 Excessively cobbley	>30%	>61%

SLOPE CLASS:

SLOPE CLASS

level	0-0.5%
nearly level	0.5-2.5%
very gently sloping	2-5%
gently sloping	6-9%
moderately sloping	10-15%
strongly sloping	16-30%
very strongly sloping	31-45%
extremely sloping	46-70%
steeply sloping	71-100%
very steeply sloping	>100%

TEXTURE

TEXTURAL CLASSES

coarse sand	silt loam
sand	silt
fine sand	sandy clay loam
very fine sand	clay loam
loamy coarse sand	silty clay loam
loamy sand	sandy clay
loamy fine sand	silty clay
coarse sandy loam	clay
sandy loam	loam
fine sandy loam	

GRAVEL MODIFIER (2 mm - 75 mm)

gravelly	20-50% by volume gravel
very gravelly	>50% by volume gravel
mucky	9-17% organic carbon

DOMINANT & SIGNIFICANT SOIL: A two letter code for the soil series, and percentile if a complex map unit.

SOIL NAMES AND MAP SYMBOLS:

Ad	Adies Pond	HB	Humber	RX	Rockland
AL	Alluvium	JB	Junction Bk.	SY	Sandy Lake
BF	Big Falls	LF	Little Falls	WR	White's River
Ck	Cormack	NB	North Bk		

FORAGE SUITABILITY RATING: See guidelines/suitability ratings for forage.

AREA: Area of each polygon measured in hectares to one decimal.

EXTENDED LENGEND FOR WHITE'S RIVER ROAD  
(PART ONE)

SOIL POLYGON NUMBER	SOIL SURVEYOR INITIALS	TEXTURE	DOMINANT SOIL	SOIL PERCENT	FORAGE CLASS	HECTARES	UNIT CHECK
001	WBR	*	ADIES POND	100	UNSUITABLE	8.2	
002	WBR	*	JUNCTION BK.	100	UNSUITABLE	3.3	Y
003	WBR	GRAVELLY SANDY LOAM	ADIES POND	100	UNSUITABLE	52.4	Y
004	WBR	GRAVELLY SANDY LOAM	ADIES POND	100	POOR	9.4	Y
005	WBR	GRAVELLY SANDY LOAM	JUNCTION BK.	100	POOR	18.8	Y
006	WBR	SAND	ADIES POND	100	POOR	75.2	Y
007	WBR	SAND	JUNCTION BK.	70	POOR	12.1	
007B	WBR	*	SANDY LAKE	30	NOT RATED	5.2	
008	WBR	SAND	BIG FALLS	100	FAIR	3.6	Y
009	WBR	*	ALLUVIUM	100	POOR	17.8	Y
010	WBR	*	BIG FALLS	100	FAIR	2.9	
011	WBR	*	JUNCTION BK.	100	POOR	3.5	
012	WBR	*	BIG FALLS	100	FAIR	1.3	
013	WBR	LOAM	BIG FALLS	100	POOR	3.3	Y
014	WBR	GRAVELLY SANDY LOAM	ADIES POND	100	POOR	10.9	
015	WBR	SAND	ADIES POND	100	POOR	11.3	
016	WBR	GRAVELLY SANDY LOAM	JUNCTION BK.	100	UNSUITABLE	7.6	
017	WBR	SAND	ALLUVIUM	100	FAIR	9.5	Y
018	WBR	*	SANDY LAKE	100	NOT RATED	1.6	
019	WBR	SAND	ALLUVIUM	100	UNSUITABLE	0.9	
020	WBR	SAND	ADIES POND	100	POOR	2.5	
021	WBR	SAND	LITTLE FALLS	60	FAIR	13.8	Y
021B	WBR	*	ADIES POND	40	FAIR	12.5	
022	WBR	*	ALLUVIUM	100	POOR	3.1	Y
023	WBR	SAND	LITTLE FALLS	70	FAIR	9.2	Y
023B	WBR	*	ADIES POND	30	FAIR	4.0	Y
024	WBR	SAND	LITTLE FALLS	70	POOR	4.7	Y
024B	WBR	SAND	JUNCTION BK.	30	UNSUITABLE	2.0	N
025	WBR	*	JUNCTION BK.	100	UNSUITABLE	0.9	N
026	WBR	LOAM	ALLUVIUM	100	FAIR	1.4	
027	WBR	*	SANDY LAKE	100	NOT RATED	1.5	Y
028	WBR	SAND	BIG FALLS	100	FAIR	3.0	Y
029	WBR	SAND	BIG FALLS	100	FAIR	8.4	Y
030	WBR	SAND	BIG FALLS	60	FAIR	39.1	Y
030B	WBR	SAND	ADIES POND	40	FAIR	26.1	
031	WBR	SAND	BIG FALLS	100	POOR	4.9	Y
032	WBR	FINE SAND	ALLUVIUM	100	GOOD	8.8	Y
033	WBR	SAND	BIG FALLS	100	POOR	1.3	Y
034	WBR	VERY FINE SAND	ALLUVIUM	70	GOOD	7.7	Y
034B	WBR	FINE SAND	ALLUVIUM	30	FAIR	3.3	Y
035	WBR	*	JUNCTION BK.	100	UNSUITABLE	15.0	
036	WBR	*	BIG FALLS	50	FAIR	2.8	
036B	WBR	*	JUNCTION BK.	50	POOR	2.8	
037	WBR	SAND	BIG FALLS	100	POOR	4.4	Y
038	WBR	SAND	JUNCTION BK.	70	POOR	16.2	Y
038B	WBR	*	ADIES POND	30	POOR	7.0	
039	WBR	SAND	BIG FALLS	100	FAIR	5.2	Y
040	WBR	SAND	BIG FALLS	100	FAIR	2.8	

\* Not Measured.

EXTENDED LEGEND FOR WHITE'S RIVER ROAD  
(PART ONE)

SOIL POLYGON NUMBER	SOIL SURVEYOR INITIALS	TEXTURE	DOMINANT SOIL	SOIL PERCENT	FORAGE CLASS	HECTARES UNIT CHECK
041	WRR	SAND	BIG FALLS	100	FAIR	3.8 Y
042	WRR	SAND	BIG FALLS	100	FAIR	3.4 Y
043	WRR	‡	SANDY LAKE	100	NOT RATED	5.1 Y
044	WRR	‡	BIG FALLS	100	FAIR	1.3
045	WRR	‡	JUNCTION BK.	100	UNSUITABLE	1.3
046	WRR	SAND	BIG FALLS	100	FAIR	3.0
047	WRR	SAND	BIG FALLS	100	FAIR	1.2 Y
048	WRR	SAND	BIG FALLS	100	POOR	2.1
049	WRR	‡	ADIES POND	100	UNSUITABLE	1.6
050	WRR	‡	ROCKLAND	100	UNSUITABLE	5.4
051	WRR	‡	BIG FALLS	100	UNSUITABLE	3.4
052	WRR	SAND	ADIES POND	100	UNSUITABLE	29.1
053	WRR	SAND	BIG FALLS	70	FAIR	28.6
053B	WRR	‡	NORTH BROOK	30	POOR	12.4
054	WRR	‡	BIG FALLS	100	FAIR	1.3
055	WRR	‡	BIG FALLS	100	FAIR	10.0
056	WRR	‡	ALLUVIUM	100	UNSUITABLE	2.1 Y
057	WRR	‡	SANDY LAKE	70	NOT RATED	12.0 Y
057B	WRR	‡	NORTH BROOK	30	POOR	5.1
058	WRR	SAND	ALLUVIUM	100	GOOD	5.7 Y
059	WRR	SAND	ADIES POND	100	FAIR	2.7 W
060	WRR	‡	SANDY LAKE	100	NOT RATED	9.6 Y
061	WRR	SAND	ALLUVIUM	100	POOR	1.5 Y
062	WRR	SAND	ALLUVIUM	100	GOOD	22.2 Y
063	WRR	SAND	ADIES POND	100	POOR	22.6
064	WRR	SAND	BIG FALLS	100	POOR	5.8 Y
065	WRR	SAND	BIG FALLS	70	FAIR	33.7
065B	WRR	LOAM	ADIES POND	30	FAIR	14.4
066	WRR	‡	NORTH BROOK	100	UNSUITABLE	0.8
067	WRR	LOAM	ALLUVIUM	100	FAIR	2.7 Y
068	WRR	VERY FINE SAND	ALLUVIUM	100	FAIR	2.0
069	WRR	‡	BIG FALLS	100	POOR	4.5
070	WRR	‡	ROCKLAND	100	UNSUITABLE	0.9
071	WRR	SAND	BIG FALLS	100	UNSUITABLE	3.8
072	WRR	‡	BIG FALLS	100	UNSUITABLE	0.8
073	WRR	SAND	JUNCTION BK.	100	UNSUITABLE	0.5
074	WRR	SAND	JUNCTION BK.	100	POOR	2.6
075	WRR	LOAM	BIG FALLS	100	POOR	3.6
076	WRR	GRAVELLY SANDY LOAM	BIG FALLS	100	FAIR	10.1 W
077	WRR	FINE LOAMY SAND	BIG FALLS	100	FAIR	16.3
078	WRR	‡	SANDY LAKE	100	NOT RATED	0.6
079	WRR	LOAM	ALLUVIUM	100	FAIR	3.4
080	WRR	‡	ADIES POND	100	POOR	10.5 W
081	WRR	GRAVELLY SANDY LOAM	JUNCTION BK.	100	UNSUITABLE	11.6
082	WRR	GRAVELLY SANDY LOAM	BIG FALLS	100	POOR	11.2 W
083	WRR	GRAVELLY LOAMY SAND	ALLUVIUM	100	POOR	3.0
084	WRR	‡	BIG FALLS	100	FAIR	1.6
085	WRR	SAND	BIG FALLS	100	FAIR	5.2



EXTENDED LEGEND FOR WHITE'S RIVER ROAD  
(PART ONE)

SOIL POLYGON NUMBER	SOIL SURVEYOR INITIALS	TEXTURE	DOMINANT SOIL	SOIL PERCENT	FORAGE CLASS	HECTARES UNIT CHECK
086	WRB	‡	ALLUVIUM	100	UNSUITABLE	4.2
087	WRB	‡	SANDY LAKE	100	NOT RATED	0.3
088	WRB	FINE SAND	ADIES POND	70	GOOD	6.1
088B	WRB	‡	ALLUVIUM	30	FAIR	2.6
089	WRB	SAND	BIG FALLS	100	FAIR	5.0 N
090	WRB	‡	JUNCTION BK.	100	POOR	7.2 Y
091	WRB	‡	JUNCTION BK.	50	UNSUITABLE	23.1
091B	WRB	‡	ADIES POND	50	UNSUITABLE	23.1
092	WRB	SAND	BIG FALLS	100	FAIR	5.1
093	WRB	‡	ADIES POND	60	POOR	4.0
093B	WRB	‡	JUNCTION BK.	40	UNSUITABLE	2.7
094	WRB	SAND	ADIES POND	100	FAIR	7.3 N
095	WRB	SAND	JUNCTION BK.	100	POOR	3.1 N
096	WRB	CLAY	ALLUVIUM	70	FAIR	6.8
096B	WRB	LOAM	ALLUVIUM	30	FAIR	2.9
097	WRB	GRAVELLY LOAMY SAND	ALLUVIUM	100	UNSUITABLE	5.6 Y
098	WRB	SAND	ADIES POND	100	FAIR	27.6
099	WRB	SAND	BIG FALLS	100	POOR	4.7
100	WRB	SAND	ADIES POND	100	FAIR	11.9
101	WRB	SAND	ADIES POND	100	FAIR	2.7
102	WRB	SAND	ADIES POND	100	FAIR	2.7
103	WRB	‡	JUNCTION BK.	100	UNSUITABLE	9.0
104	WRB	‡	ALLUVIUM	100	FAIR	4.1
105	WRB	LOAM	ALLUVIUM	100	FAIR	3.0 Y
106	WRB	‡	ALLUVIUM	100	UNSUITABLE	5.7 Y
107	WRB	SAND	BIG FALLS	100	FAIR	17.6
108	WRB	GRAVELLY SANDY LOAM	BIG FALLS	100	UNSUITABLE	1.5 N
109	WRB	GRAVELLY SANDY LOAM	BIG FALLS	100	POOR	2.7
110	WRB	GRAVELLY SANDY LOAM	ADIES POND	100	POOR	2.2
111	WRB	SAND	JUNCTION BK.	100	UNSUITABLE	2.2
112	WRB	SAND	JUNCTION BK.	100	UNSUITABLE	1.3
113	WRB	VERY FINE SAND	JUNCTION BK.	100	POOR	2.3 Y
114	WRB	‡	ADIES POND	100	UNSUITABLE	11.0
115	WRB	VERY GRAVELLY SAND	ALLUVIUM	100	POOR	2.3
116	WRB	‡	ALLUVIUM	100	UNSUITABLE	2.3
117	WRB	SAND	CORMACK	100	FAIR	18.8
118	WRB	SAND	CORMACK	60	FAIR	2.9
118B	WRB	‡	NORTH BROOK	40	UNSUITABLE	2.0
119	WRB	SAND	HUMBER	100	FAIR	6.1
120	WRB	LOAM	CORMACK	100	FAIR	12.7
121	WRB	SAND	HUMBER	100	FAIR	6.3
122	WRB	‡	NORTH BROOK	100	UNSUITABLE	19.1
123	WRB	‡	CORMACK	100	FAIR	14.1
124	WRB	‡	SANDY LAKE	100	NOT RATED	0.5
125	WRB	SAND	WHITE'S RIVER	100	POOR	8.4
126	WRB	‡	NORTH BROOK	60	POOR	2.0
126B	WRB	‡	SANDY LAKE	100	NOT RATED	1.4
127	WRB	‡	WHITE'S RIVER	40	POOR	0.9

EXTENDED LENDEND FOR WHITE'S RIVER ROAD  
(PART ONE)

SOIL POLYGON NUMBER	SOIL SURVEYOR INITIALS	TEXTURE	DOMINANT SOIL	SOIL PERCENT	FORAGE CLASS	HECTARES UNIT CHECK
128	WRR	‡	SANDY LAKE	100	POOR	2.6
128B	WRR	SAND	WHITE'S RIVER	100	FAIR	1.8
129	WRR	‡	SANDY LAKE	100	NOT RATED	5.7
129B	WRR	‡	NORTH BROOK	100	UNSUITABLE	3.8
130	WRR	‡	SANDY LAKE	100	NOT RATED	5.6
130B	WRR	‡	ALLUVIUM	100	UNSUITABLE	2.4
131	WRR	‡	NORTH BROOK	100	UNSUITABLE	2.7
132	WRR	‡	SANDY LAKE	100	NOT RATED	4.5
133	WRR	SAND	HUMBER	100	FAIR	2.4
134	WRR	‡	SANDY LAKE	100	NOT RATED	13.3
135	WRR	SAND	WHITE'S RIVER	100	FAIR	19.1
136	WRR	‡	NORTH BROOK	100	POOR	1.9
136B	WRR	‡	SANDY LAKE	100	NOT RATED	0.8
137	WRR	‡	NORTH BROOK	100	UNSUITABLE	2.5
138	WRR	SAND	HUMBER	60	GOOD	4.4
138B	WRR	SAND	CORMACK	40	FAIR	2.9
139	WRR	‡	SANDY LAKE	100	NOT RATED	2.3
140	WRR	‡	SANDY LAKE	60	NOT RATED	4.3
140B	WRR	SAND	WHITE'S RIVER	40	GOOD	2.8
141	WRR	SAND	HUMBER	100	GOOD	12.1
142	WRR	SAND	HUMBER	100	GOOD	7.3
143	WRR	SAND	CORMACK	100	FAIR	43.7
144	WRR	‡	NORTH BROOK	100	UNSUITABLE	0.6
145	WRR	‡	SANDY LAKE	100	UNSUITABLE	0.6
146	WRR	‡	SANDY LAKE	60	NOT RATED	29.7
146B	WRR	SAND	NORTH BROOK	40	UNSUITABLE	19.8
147	WRR	SAND	HUMBER	100	FAIR	11.3
148	WRR	‡	SANDY LAKE	100	NOT RATED	2.6
149	WRR	SAND	CORMACK	100	FAIR	2.5
150	WRR	SAND	HUMBER	100	FAIR	20.5
151	WRR	‡	NORTH BROOK	100	UNSUITABLE	1.7
151B	WRR	‡	SANDY LAKE	100	NOT RATED	0.7
152	WRR	‡	SANDY LAKE	100	NOT RATED	0.6
153	WRR	SAND	CORMACK	100	FAIR	2.2
154	WRR	‡	WHITE'S RIVER	100	UNSUITABLE	14.9
155	WRR	‡	SANDY LAKE	100	NOT RATED	20.0
156	WRR	‡	HUMBER	100	FAIR	5.3
156B	WRR	‡	NORTH BROOK	100	POOR	5.3
157	WRR	SAND	CORMACK	100	FAIR	7.4
158	WRR	‡	CORMACK	100	FAIR	0.9
159	WRR	‡	CORMACK	100	FAIR	1.9
160	WRR	SAND	HUMBER	100	GOOD	15.6
161	WRR	SAND	HUMBER	100	GOOD	3.6
162	WRR	SAND	CORMACK	100	FAIR	18.4
163	WRR	‡	SANDY LAKE	60	NOT RATED	33.8
163B	WRR	SAND	CORMACK	40	FAIR	12.6
164	WRR	SAND	HUMBER	100	FAIR	5.1
165	WRR	SAND	HUMBER	100	FAIR	3.0

EXTENDED LENGEND FOR WHITE'S RIVER ROAD  
(PART ONE)

SOIL POLYGON NUMBER	SOIL SURVEYOR INITIALS	TEXTURE	DOMINANT SOIL	SOIL PERCENT	FORAGE CLASS	HECTARES	UNIT CHECK
166	WRR	LOAM	CORMACK	100	FAIR	9.1	
167	WRR	*	WHITE'S RIVER	100	FAIR	1.4	
168	WRR	SAND	CORMACK	100	FAIR	2.3	
169	WRR	*	NORTH BROOK	100	POOR	1.5	
170	WRR	SAND	CORMACK	100	FAIR	15.9	
171	WRR	SAND	CORMACK	60	FAIR	1.0	
171B	WRR	SAND	CORMACK	40	FAIR	0.6	
172	WRR	SAND	CORMACK	100	FAIR	4.1	
172B	WRR	SAND	ALLUVIUM	100	FAIR	1.7	
173	WRR	*	ALLUVIUM	100	FAIR	1.7	
173B	WRR	*	ALLUVIUM	100	POOR	1.7	
174	WRR	*	SANDY LAKE	60	NOT RATED	16.9	
174B	WRR	SAND	WHITE'S RIVER	40	FAIR	11.2	
175	WRR	SAND	WHITE'S RIVER	100	FAIR	0.3	
176	WRR	SAND	WHITE'S RIVER	100	FAIR	1.9	N
177	WRR	LOAM	CORMACK	100	GOOD	2.8	C
178	WRR	*	SANDY LAKE	100	NOT RATED	1.9	
179	WRR	*	NORTH BROOK	100	POOR	1.1	
180	WRR	SAND	HUMBER	100	FAIR	10.9	
181	WRR	SAND	CORMACK	60	FAIR	5.5	
181B	WRR	SAND	HUMBER	40	FAIR	3.6	
182	WRR	*	WHITE'S RIVER	100	POOR	2.5	
183	WRR	LOAM	CORMACK	100	FAIR	1.4	
184	WRR	LOAM	CORMACK	100	FAIR	1.4	
185	WRR	*	SANDY LAKE	100	NOT RATED	0.3	
186	WRR	LOAM	CORMACK	100	FAIR	14.2	
187	WRR	*	NORTH BROOK	100	UNSUITABLE	1.6	
188	WRR	SAND	WHITE'S RIVER	100	FAIR	0.8	N
189	WRR	*	SANDY LAKE	100	NOT RATED	1.6	
190	WRR	*	NORTH BROOK	100	UNSUITABLE	2.7	
191	WRR	LOAM	CORMACK	100	FAIR	11.1	
192	WRR	LOAM	CORMACK	100	FAIR	1.3	
192B	WRR	*	NORTH BROOK	100	POOR	0.6	
193	WRR	*	SANDY LAKE	100	NOT RATED	3.9	
194	WRR	LOAM	CORMACK	100	GOOD	4.5	C
195	WRR	*	NORTH BROOK	100	POOR	4.0	
196	WRR	*	WHITE'S RIVER	100	FAIR	4.3	
197	WRR	LOAM	CORMACK	100	FAIR	0.3	
198	WRR	LOAM	CORMACK	100	FAIR	1.2	
199	WRR	LOAM	CORMACK	100	GOOD	4.2	C
200	WRR	SAND	WHITE'S RIVER	100	FAIR	1.0	
201	WRR	SAND	WHITE'S RIVER	100	FAIR	0.7	
202	WRR	*	NORTH BROOK	100	UNSUITABLE	6.1	
203	WRR	*	NORTH BROOK	100	UNSUITABLE	146.5	
204	WRR	LOAM	CORMACK	100	GOOD	1.3	C
205	WRR	LOAM	CORMACK	100	GOOD	1.3	C
206	WRR	LOAM	CORMACK	100	FAIR	4.7	
207	WRR	LOAM	CORMACK	100	FAIR	1.0	

EXTENDED LENDEND FOR WHITE'S RIVER ROAD  
(PART ONE)

SOIL POLYGON NUMBER	SOIL SURVEYOR INITIALS	TEXTURE	DOMINANT SOIL	SOIL PERCENT	FORAGE CLASS	HECTARES UNIT CHECK
208	WRR	‡	NORTH BROOK	100	UNSUITABLE	0.5
209	WRR	LOAM	CORMACK	100	FAIR	2.1
210	WRR	LOAM	CORMACK	100	FAIR	5.6
211	WRR	LOAM	CORMACK	100	FAIR	4.1
212	WRR	LOAM	CORMACK	100	GOOD	5.3 C
213	WRR	LOAM	CORMACK	100	GOOD	0.8 Y
214	WRR	LOAM	WHITE'S RIVER	100	FAIR	1.1 C
215	WRR	LOAM	CORMACK	100	GOOD	4.4 C
216	WRR	‡	NORTH BROOK	100	UNSUITABLE	1.4
217	WRR	LOAM	CORMACK	100	FAIR	0.3
218	WRR	LOAM	CORMACK	100	FAIR	1.6
219	WRR	LOAM	CORMACK	100	GOOD	0.7
220	WRR	SAND	CORMACK	100	GOOD	6.5 C
221	WRR	SAND	CORMACK	100	GOOD	3.9
222	WRR	‡	SANDY LAKE	100	NOT RATED	2.3
223	WRR	‡	SANDY LAKE	100	NOT RATED	1.1
224	WRR	LOAM	CORMACK	100	FAIR	5.1
225	WRR	SAND	HUMBER	100	FAIR	4.6
226	WRR	‡	CORMACK	100	FAIR	17.1
227	WRR	LOAM	BIG FALLS	100	FAIR	7.3
228	WRR	LOAM	BIG FALLS	100	FAIR	18.0 Y
229	WRR	LOAM	BIG FALLS	100	FAIR	0.6
230	WRR	‡	BIG FALLS	100	FAIR	2.0
231	WRR	‡	SANDY LAKE	100	NOT RATED	1.6
232	WRR	‡	NORTH BROOK	100	UNSUITABLE	2.3
233	WRR	‡	NORTH BROOK	100	UNSUITABLE	1.0
234	WRR	‡	HUMBER	100	FAIR	7.9
235	WRR	‡	NORTH BROOK	100	POOR	10.2
236	WRR	‡	SANDY LAKE	80	NOT RATED	12.6
236B	WRR	‡	NORTH BROOK	20	UNSUITABLE	3.1
237	WRR	LOAM	CORMACK	100	FAIR	2.9 Y
238	WRR	‡	CORMACK	100	GOOD	6.5
239	WRR	‡	HUMBER	100	FAIR	4.2
240	WRR	‡	SANDY LAKE	100	NOT RATED	0.8
241	WRR	‡	HUMBER	100	FAIR	1.2
242	WRR	‡	CORMACK	100	GOOD	1.2
243	WRR	LOAM	CORMACK	100	GOOD	3.8 Y
244	WRR	‡	CORMACK	100	FAIR	8.3 Y
245	WRR	SAND	NORTH BROOK	100	POOR	0.3
246	WRR	‡	NORTH BROOK	100	POOR	0.2
247	WRR	LOAM	CORMACK	100	GOOD	1.6
248	WRR	‡	CORMACK	100	FAIR	0.6
249	WRR	‡	NORTH BROOK	100	UNSUITABLE	4.6
250	WRR	‡	NORTH BROOK	100	UNSUITABLE	3.6
251	WRR	‡	WHITE'S RIVER	100	FAIR	7.0
252	WRR	‡	NORTH BROOK	100	POOR	5.5
253	WRR	‡	SANDY LAKE	100	NOT RATED	7.3
254	WRR	‡	NORTH BROOK	100	POOR	3.8

EXTENDED LENGEND FOR WHITE'S RIVER ROAD  
(PART ONE)

SOIL POLYGON NUMBER	SOIL SURVEYOR INITIALS	TEXTURE	DOMINANT SOIL	SOIL PERCENT	FORAGE CLASS	HECTARES UNIT CHECK
255	WRR	:	BIG FALLS	100	FAIR	6.3
256	WRR	:	SANDY LAKE	100	NOT RATED	1.1
257	WRR	:	NORTH BROOK	100	UNSUITABLE	13.4
258	WRR	:	CORMACK	100	GOOD	11.8
259	WRR	:	WHITE'S RIVER	100	FAIR	1.2
259B	WRR	:	NORTH BROOK	100	POOR	1.2
260	WRR	:	CORMACK	100	GOOD	1.1
261	WRR	:	CORMACK	100	FAIR	0.6
262	WRR	:	CORMACK	100	FAIR	2.4
263	WRR	:	CORMACK	100	GOOD	2.0
264	WRR	:	CORMACK	100	FAIR	1.0
265	WRR	:	SANDY LAKE	100	NOT RATED	7.6
266	WRR	:	CORMACK	100	GOOD	0.9
267	WRR	:	CORMACK	100	GOOD	6.4
268	WRR	LOAM	CORMACK	100	FAIR	3.1 Y
269	WRR	:	CORMACK	100	GOOD	2.4
270	WRR	LOAM	CORMACK	100	GOOD	3.4 C
271	WRR	:	CORMACK	100	POOR	1.5
272	WRR	:	CORMACK	100	FAIR	2.3
273	WRR	:	BIG FALLS	100	GOOD	1.7
274	WRR	:	BIG FALLS	100	GOOD	47.1 Y
275	WRR	:	NORTH BROOK	100	UNSUITABLE	4.9
276	WRR	:	ALLUVIUM	100	FAIR	10.4
277	WRR	:	SANDY LAKE	50	NOT RATED	18.8
277B	WRR	:	WHITE'S RIVER	50	FAIR	10.6
278	WRR	:	NORTH BROOK	100	UNSUITABLE	4.2
279	WRR	:	MCISAACS BK.	100	NOT RATED	5.6
280	WRR	:	SANDY LAKE	100	UNSUITABLE	54.6
281	WRR	:	CORMACK	100	FAIR	4.5
282	WRR	:	CORMACK	100	GOOD	2.4
283	WRR	:	WHITE'S RIVER	100	FAIR	7.8
284	WRR	:	NORTH BROOK	100	UNSUITABLE	1.2
285	WRR	:	MCISAACS BK.	100	NOT RATED	3.7
286	WRR	LOAM	WHITE'S RIVER	100	FAIR	0.8
287	WRR	:	WHITE'S RIVER	100	FAIR	0.6
288	WRR	LOAM	CORMACK	100	GOOD	27.0 Y
289	WRR	LOAM	CORMACK	100	GOOD	9.6
290	WRR	:	CORMACK	100	POOR	0.9
291	WRR	:	CORMACK	100	FAIR	2.1
292	WRR	LOAM	CORMACK	70	GOOD	2.0
292B	WRR	LOAM	WHITE'S RIVER	30	FAIR	0.8
293	WRR	:	CORMACK	100	FAIR	6.2
294	WRR	:	CORMACK	100	GOOD	5.2
295	WRR	:	CORMACK	100	POOR	4.8
296	WRR	:	GRAVEL PIT	100	NOT RATED	0.5
297	WRR	:	GRAVEL PIT	100	NOT RATED	0.3
298	WRR	:	CORMACK	100	GOOD	3.5
299	WRR	:	CORMACK	100	GOOD	3.9

EXTENDED LENDEND FOR WHITE'S RIVER ROAD  
(PART ONE)

SOIL POLYGON NUMBER	SOIL SURVEYOR INITIALS	TEXTURE	DOMINANT SOIL	SOIL PERCENT	FORAGE CLASS	HECTARES	UNIT CHECK
300	WRR	‡	NORTH BROOK	100	POOR	2.5	
301	WRR	‡	WHITE'S RIVER	100	POOR	1.1	
302	WRR	‡	WHITE'S RIVER	100	FAIR	1.6	
303	WRR	‡	WHITE'S RIVER	100	FAIR	1.3	
304	WRR	‡	NORTH BROOK	100	UNSUITABLE	0.7	
305	WRR	‡	WHITE'S RIVER	100	FAIR	2.2	
306	WRR	‡	SANDY LAKE	60	NOT RATED	2.2	
306B	WRR	‡	WHITE'S RIVER	40	FAIR	1.4	
307	WRR	‡	WHITE'S RIVER	100	FAIR	2.4	
308	WRR	‡	CORMACK	100	FAIR	0.8	
309	WRR	LOAM	CORMACK	100	GOOD	3.5	
310	WRR	‡	CORMACK	100	GOOD	1.7	
311	WRR	LOAM	CORMACK	100	FAIR	1.8	
312	WRR	LOAM	CORMACK	100	FAIR	2.9	
313	WRR	‡	CORMACK	100	FAIR	2.9	
314	WRR	‡	CORMACK	100	GOOD	8.5	
315	WRR	‡	WHITE'S RIVER	100	POOR	2.8	
316	WRR	‡	NORTH BROOK	100	UNSUITABLE	4.5	
317	WRR	LOAM	CORMACK	100	GOOD	14.8	
318	WRR	‡	CORMACK	100	FAIR	8.0	
319	WRR	‡	NORTH BROOK	100	UNSUITABLE	4.1	
320	WRR	‡	CORMACK	70	GOOD	5.1	
320B	WRR	‡	WHITE'S RIVER	30	FAIR	2.2	
321	WRR	‡	MCISAACS BK.	70	NOT RATED	1.0	
321B	WRR	‡	NORTH BROOK	30	UNSUITABLE	0.4	
322	WRR	‡	WHITE'S RIVER	100	FAIR	2.8	
323	WRR	‡	CORMACK	100	FAIR	7.6	
324	WRR	‡	WHITE'S RIVER	100	POOR	7.2	
325	WRR	‡	MCISAACS BK.	100	NOT RATED	3.9	Y
326	WRR	‡	CORMACK	100	GOOD	21.5	
327	WRR	GRAVELLY LOAM	CORMACK	100	GOOD	1.6	Y
328	WRR	‡	WHITE'S RIVER	100	FAIR	32.3	
329	WRR	LOAM	WHITE'S RIVER	100	FAIR	2.3	
330	WRR	‡	NORTH BROOK	100	UNSUITABLE	3.4	
331	WRR	LOAM	WHITE'S RIVER	100	FAIR	0.3	
332	WRR	‡	MCISAACS BK.	100	NOT RATED	2.0	
333	WRR	‡	NORTH BROOK	100	POOR	6.3	
334	WRR	‡	WHITE'S RIVER	100	POOR	0.9	
335	WRR	LOAM	BIG FALLS	100	GOOD	10.2	
336	WRR	‡	WHITE'S RIVER	80	POOR	20.2	
336B	WRR	‡	MCISAACS BK.	20	NOT RATED	5.0	
337	WRR	LOAM	WHITE'S RIVER	100	FAIR	0.7	
338	WRR	‡	CORMACK	80	FAIR	7.0	
338B	WRR	‡	WHITE'S RIVER	20	FAIR	10.6	
339	WRR	LOAM	CORMACK	100	FAIR	1.7	
340	WRR	‡	WHITE'S RIVER	100	FAIR	0.7	
341	WRR	LOAM	CORMACK	100	FAIR	6.9	
342	WRR	‡	CORMACK	100	GOOD	1.3	

EXTENDED LENGEND FOR WHITE'S RIVER ROAD  
(PART ONE)

POLYGON NUMBER	SOIL SURVEYOR INITIALS	TEXTURE	DOMINANT SOIL	SOIL PERCENT	FORAGE CLASS	HECTARES UNIT CHECK
343	WRR	*	CORMACK	100	GOOD	1.1
344	WRR	GRAVELLY LOAM	HUMBER	60	GOOD	4.0
344B	WRR	*	CORMACK	40	GOOD	2.6
345	WRR	*	WHITE'S RIVER	100	POOR	2.3
345B	WRR	*	NORTH BROOK	100	UNSUITABLE	1.0
346	WRR	LOAM	WHITE'S RIVER	70	FAIR	4.4
346B	WRR	*	NORTH BROOK	30	UNSUITABLE	1.9
347	WRR	LOAM	CORMACK	100	FAIR	2.8
348	WRR	LOAM	WHITE'S RIVER	100	FAIR	1.1
349	WRR	LOAM	CORMACK	100	GOOD	1.3
350	WRR	LOAM	CORMACK	100	GOOD	1.5
351	WRR	LOAM	CORMACK	100	FAIR	8.3
352	WRR	LOAM	CORMACK	100	FAIR	3.6 N
353	WRR	SAND	WHITE'S RIVER	100	FAIR	4.3
354	WRR	LOAM	CORMACK	100	FAIR	4.5
355	WRR	*	NORTH BROOK	100	POOR	2.2
356	WRR	*	WHITE'S RIVER	100	POOR	1.4
357	WRR	*	NORTH BROOK	100	UNSUITABLE	1.5 Y
357B	WRR	*	NORTH BROOK	100	UNSUITABLE	1.0
358	WRR	*	ALLUVIUM	100	POOR	1.0
359	WRR	*	ALLUVIUM	100	POOR	2.8
360	WRR	*	ALLUVIUM	100	POOR	1.0
*** Total ***						2657.8

EXTENDED LEGEND FOR WHITES RIVER ROAD  
(PART TWO)

POLYGON NUMBER	DEPTH TO BEDROCK	DEPTH TO ROOTING	DEPTH TO CONSTRICTING LAYER	TYPE	DRAINAGE DEGREE EXTENT	SEEPAGE	STONES	ROCKS	BOULDERSS	COBBLES	SLOPE CLASS
001	‡	‡	NA		IMPERFECT	‡	5	0	0	0	MODERATE SLOPE
002	‡	25	NA		POOR	YES	5	0	0	0	STRONG SLOPE
003	‡	50	60	BSC	IMPERFECT	NO	5	0	0	0	V.STRONG SLOPE
004	‡	‡	NA		IMPERFECT	‡	5	0	0	0	MODERATE SLOPE
005	‡	30	NA		POOR	NO	5	0	0	0	MODERATE SLOPE
006	‡	30	30	BSC	IMPERFECT	NO	4	0	0	0	GENTLY SLOPING
007	‡	10	NA		POOR	NO	4	0	0	0	V.GENTLY SLOPING
007B	‡	‡	NA		VERY POOR	‡	0	0	0	0	NEARLY LEVEL
008	‡	47	50	BWC	MOD. WELL	NO	3	0	0	0	MODERATE SLOPE
009	‡	25	NA		POOR	YES	0	0	0	0	NEARLY LEVEL
010	‡	‡	NA		MOD. WELL	YES	3	0	0	0	MODERATE SLOPE
011	‡	‡	NA		POOR	YES	0	0	0	0	V.GENTLY SLOPING
012	‡	‡	NA		MOD. WELL	NO	3	0	0	0	MODERATE SLOPE
013	‡	20	25	CBT	MOD. WELL	NO	4	0	0	0	GENTLY SLOPING
014	‡	‡	NA		IMPERFECT	‡	4	0	0	0	MODERATE SLOPE
015	‡	‡	NA		IMPERFECT	‡	4	0	0	0	GENTLY SLOPING
016	‡	‡	NA		POOR	YES	5	0	0	0	MODERATE SLOPE
017	100	30	NA		MOD. WELL	NO	3	0	0	0	NEARLY LEVEL
018	‡	‡	NA		VERY POOR	‡	0	0	0	0	NEARLY LEVEL
019	‡	‡	NA		IMPERFECT	NO	3	0	1	4	V.GENTLY SLOPING
020	‡	‡	NA		MOD. WELL	‡	4	0	1	0	V.GENTLY SLOPING
021	‡	45	NA		MOD. WELL	NO	3	0	0	0	GENTLY SLOPING
021B	‡	30	30	BWC	IMPERFECT	NO	3	0	0	0	GENTLY SLOPING
022	‡	‡	NA		POOR	‡	0	0	0	0	V.GENTLY SLOPING
023	‡	30	30		MOD. WELL	NO	3	0	0	0	GENTLY SLOPING
023B	‡	30	30	BSC	IMPERFECT	NO	3	0	0	0	GENTLY SLOPING
024	‡	30	35	BSC	MOD. WELL	NO	3	0	0	0	STRONG SLOPE
024B	‡	‡	NA		POOR	YES	2	0	0	3	NEARLY LEVEL
025	‡	‡	NA		POOR	YES	2	0	0	3	NEARLY LEVEL
026	100	‡	NA		MOD. WELL	‡	0	0	0	0	‡
027	‡	‡	NA		‡	‡	0	0	0	0	NEARLY LEVEL
028	‡	40	NA		MOD. WELL	NO	3	0	0	0	MODERATE SLOPE
029	‡	50	NA		MOD. WELL	NO	3	0	0	0	MODERATE SLOPE
030	‡	50	NA		MOD. WELL	NO	3	0	0	0	GENTLY SLOPING
030B	‡	30	30	OWD	IMPERFECT	NO	3	0	0	0	V.GENTLY SLOPING
031	‡	50	55	BSC	MOD. WELL	‡	3	0	0	0	MODERATE SLOPE
032	‡	90	NA		WELL	NO	0	0	0	0	NEARLY LEVEL
033	‡	35	35	BSC	MOD. WELL	NO	3	0	0	0	STRONG SLOPE
034	‡	100	NA		WELL	NO	0	0	0	0	NEARLY LEVEL
034B	‡	50	30	TSC	WELL	NO	0	0	0	0	NEARLY LEVEL
035	‡	‡	NA		‡	‡	4	0	0	0	V.GENTLY SLOPING
036	‡	‡	NA		MOD. WELL	‡	3	0	0	0	GENTLY SLOPING
036B	‡	‡	NA		POOR	YES	3	0	0	0	V.GENTLY SLOPING
037	‡	45	NA		MOD. WELL	NO	4	0	0	0	MODERATE SLOPE
038	‡	25	20	OWC	POOR	YES	4	0	0	0	MODERATE SLOPE
038B	‡	35	35	TWC	IMPERFECT	YES	4	0	0	0	MODERATE SLOPE
039	‡	25	NA		MOD. WELL	NO	3	0	0	0	GENTLY SLOPING
040	‡	‡	NA		WELL	NO	3	0	0	0	MODERATE SLOPE



EXTENDED LEGEND FOR WHITES RIVER ROAD  
(PART TWO)

POLYGON NUMBER	DEPTH TO BEDROCK	DEPTH TO ROOTING	DEPTH TO CONSTRICTING LAYER	TYPE DEGREE EXTENT	DRAINAGE	SEEPAGE	STONES	ROCKS	BOULDERS	COBBLES	SLOPE CLASS
041	‡	40	NA		WELL	NO	3	0	0	0	MODERATE SLOPE
042	‡	35	NA		WELL	NO	3	0	0	0	MODERATE SLOPE
043	‡	‡	NA		VERY POOR	‡	0	0	0	0	‡
044	‡	‡	NA		MOD. WELL	NO	3	0	0	0	MODERATE SLOPE
045	‡	‡	NA		IMPERFECT	‡	4	0	0	0	GENTLY SLOPING
046	‡	40	NA		WELL	NO	3	0	0	0	GENTLY SLOPING
047	‡	‡	NA		WELL	NO	3	0	0	0	GENTLY SLOPING
048	‡	‡	NA		IMPERFECT	YES	4	0	0	0	GENTLY SLOPING
049	5	‡	5		IMPERFECT	‡	0	2	1	0	V.GENTLY SLOPING
050	‡	‡	NA		RAPID	‡	0	5	0	0	V.GENTLY SLOPING
051	‡	‡	NA		WELL	‡	0	1	0	0	STRONG SLOPE
052	50	25	30		MOD. WELL	NO	4	0	0	0	STRONG SLOPE
053	‡	45	50	BSC	MOD. WELL	NO	3	0	0	0	GENTLY SLOPING
053B	‡	‡	NA		‡	‡	0	0	0	0	V.GENTLY SLOPING
054	‡	‡	NA		MOD. WELL	NO	3	0	0	0	GENTLY SLOPING
055	‡	‡	NA		MOD. WELL	NO	3	0	0	0	V.GENTLY SLOPING
056	‡	‡	NA		IMPERFECT	‡	4	0	0	0	NEARLY LEVEL
057	100	‡	NA		POOR	‡	0	0	0	0	NEARLY LEVEL
057B	‡	‡	NA		POOR	‡	0	0	0	0	NEARLY LEVEL
058	100	‡	NA		MOD. WELL	NO	1	0	0	0	NEARLY LEVEL
059	100	‡	NA		IMPERFECT	NO	1	0	0	1	NEARLY LEVEL
060	‡	‡	NA		VERY POOR	‡	0	0	0	0	NEARLY LEVEL
061	100	‡	NA		IMPERFECT	NO	1	0	0	1	NEARLY LEVEL
062	100	‡	NA		MOD. WELL	NO	1	0	0	1	NEARLY LEVEL
063	50	‡	NA		IMPERFECT	NO	3	1	1	3	V.GENTLY SLOPING
064	75	‡	NA		MOD. WELL	NO	4	0	0	0	MODERATE SLOPE
065	100	‡	NA		MOD. WELL	NO	3	0	0	0	V.GENTLY SLOPING
065B	100	‡	NA		IMPERFECT	‡	3	0	0	0	V.GENTLY SLOPING
066	‡	‡	NA		POOR	‡	3	0	0	0	NEARLY LEVEL
067	‡	‡	NA		IMPERFECT	‡	2	0	0	0	NEARLY LEVEL
068	100	30	NA		MOD. WELL	NO	0	0	0	1	NEARLY LEVEL
069	50	‡	NA		MOD. WELL	‡	4	0	0	0	V.GENTLY SLOPING
070	15	‡	NA		RAPID	‡	0	3	0	0	‡
071	24	‡	NA		WELL	‡	0	2	0	0	MODERATE SLOPE
072	10	‡	NA		WELL	‡	1	3	0	0	LEVEL
073	‡	‡	NA		POOR	YES	4	2	0	0	NEARLY LEVEL
074	‡	‡	NA		POOR	YES	4	1	0	0	GENTLY SLOPING
075	‡	‡	NA		MOD. WELL	‡	3	1	0	0	GENTLY SLOPING
076	50	‡	NA		MOD. WELL	NO	3	0	0	0	V.GENTLY SLOPING
077	‡	‡	NA		MOD. WELL	‡	3	0	0	0	V.GENTLY SLOPING
078	‡	‡	NA		VERY POOR	‡	0	0	0	0	NEARLY LEVEL
079	100	‡	NA		IMPERFECT	NO	3	0	0	0	NEARLY LEVEL
080	‡	‡	NA		IMPERFECT	YES	4	0	0	0	V.GENTLY SLOPING
081	‡	‡	NA		POOR	YES	4	0	1	4	V.GENTLY SLOPING
082	50	‡	NA		MOD. WELL	NO	4	0	0	0	LEVEL
083	‡	‡	NA		IMPERFECT	‡	4	0	0	0	GENTLY SLOPING
084	‡	‡	NA		MOD. WELL	‡	0	0	0	0	GENTLY SLOPING
085	‡	‡	NA		MOD. WELL	‡	1	0	0	2	V.GENTLY SLOPING

EXTENDED LEGEND FOR WHITES RIVER ROAD  
(PART TWO)

POLYGON NUMBER	DEPTH TO BEDROCK	DEPTH TO ROOTING	DEPTH TO CONSTRICTING LAYER	TYPE DEGREE EXTENT	DRAINAGE	SEEPAGE	STONES	ROCKS	BOULDERBS	COBBLES	SLOPE CLASS
086	*	*	NA		POOR	*	0	0	0	0	NEARLY LEVEL
087	*	*	NA		VERY POOR	*	0	0	0	0	NEARLY LEVEL
088	100	*	NA		MOD. WELL	NO	1	0	0	1	V.GENTLY SLOPING
088B	100	*	NA		IMPERFECT	NO	1	0	0	1	NEARLY LEVEL
089	40	*	NA		MOD. WELL	*	3	0	0	0	V.GENTLY SLOPING
090	*	*	NA		*	*	4	0	0	0	GENTLY SLOPING
091	50	*	NA		POOR	YES	4	1	0	4	V.GENTLY SLOPING
091B	50	*	NA		IMPERFECT	YES	4	1	1	4	V.GENTLY SLOPING
092	75	*	NA		MOD. WELL	NO	3	0	1	3	V.GENTLY SLOPING
093	*	*	NA		IMPERFECT	*	4	0	0	0	NEARLY LEVEL
093B	*	*	NA		POOR	*	5	0	0	0	V.GENTLY SLOPING
094	*	*	NA		IMPERFECT	*	3	0	1	3	V.GENTLY SLOPING
095	*	*	NA		POOR	NO	2	0	0	3	NEARLY LEVEL
096	100	*	NA		WELL	*	2	0	0	2	GENTLY SLOPING
096B	100	*	NA		MOD. WELL	*	2	0	0	2	V.GENTLY SLOPING
097	*	*	NA		POOR	YES	1	0	0	1	NEARLY LEVEL
098	100	*	NA		MOD. WELL	*	2	0	1	2	GENTLY SLOPING
099	*	*	NA		MOD. WELL	*	4	0	0	0	V.GENTLY SLOPING
100	75	*	NA		IMPERFECT	NO	3	0	1	3	V.GENTLY SLOPING
101	75	*	NA		IMPERFECT	*	3	0	1	3	V.GENTLY SLOPING
102	100	*	NA		IMPERFECT	*	3	0	0	0	V.GENTLY SLOPING
103	*	*	NA		POOR	YES	4	0	0	4	NEARLY LEVEL
104	100	*	NA		IMPERFECT	NO	0	0	0	3	NEARLY LEVEL
105	100	*	NA		MOD. WELL	NO	0	0	0	1	NEARLY LEVEL
106	*	*	NA		POOR	*	0	0	0	0	NEARLY LEVEL
107	75	*	NA		MOD. WELL	NO	3	0	0	0	GENTLY SLOPING
108	50	*	NA		MOD. WELL	NO	4	0	1	4	MODERATE SLOPE
109	50	*	NA		MOD. WELL	*	4	0	1	4	V.GENTLY SLOPING
110	*	*	NA		IMPERFECT	YES	4	0	0	0	V.GENTLY SLOPING
111	*	*	NA		IMPERFECT	YES	3	0	0	0	V.GENTLY SLOPING
112	*	*	NA		IMPERFECT	YES	4	0	0	0	NEARLY LEVEL
113	*	30	NA	TSC	POOR	YES	0	0	0	0	NEARLY LEVEL
115	*	30	NA		POOR	YES	0	0	0	0	NEARLY LEVEL
114	*	*	NA		IMPERFECT	*	4	0	1	0	GENTLY SLOPING
116	*	*	NA		IMPERFECT	*	0	0	0	0	*
117	100	*	NA		WELL	NO	2	0	1	0	*
118	100	*	NA		IMPERFECT	*	1	0	0	0	NEARLY LEVEL
118B	*	*	NA		*	*	2	0	0	0	NEARLY LEVEL
119	100	*	40	TDC	MOD. WELL	NO	2	0	1	0	V.GENTLY SLOPING
120	*	*	NA		MOD. WELL	*	2	0	0	0	NEARLY LEVEL
121	100	*	40	TDC	MOD. WELL	NO	1	0	1	0	V.GENTLY SLOPING
122	*	*	NA		*	YES	3	0	0	0	NEARLY LEVEL
123	*	*	NA		MOD. WELL	*	2	0	0	0	NEARLY LEVEL
124	*	*	NA		VERY POOR	*	0	0	0	0	NEARLY LEVEL
125	100	*	NA		IMPERFECT	*	4	0	0	0	NEARLY LEVEL
126	*	*	NA		POOR	YES	0	0	0	0	*
127	*	*	NA		*	*	0	0	0	0	V.GENTLY SLOPING
128	*	*	NA		POOR	*	1	0	1	0	NEARLY LEVEL

EXTENDED LEGEND FOR WHITES RIVER ROAD  
(PART TWO)

POLYGON NUMBER	DEPTH TO BEDROCK	DEPTH TO ROOTING	DEPTH TO CONSTRICTING LAYER	TYPE DEGREE EXTENT	DRAINAGE	SEEPAGE	STONES	ROCKS	BOULDBERS	COBBLES	SLOPE CLASS
128B	100	*	NA		IMPERFECT	*	2	0	0	0	NEARLY LEVEL
129	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
130	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
131	*	*	NA		POOR	*	1	0	1	0	NEARLY LEVEL
132	*	*	NA		VERY POOR	*	1	0	0	0	*
133	*	*	NA		MOD. WELL	*	2	0	0	0	NEARLY LEVEL
134	*	*	NA		POOR	*	1	0	1	0	NEARLY LEVEL
135	100	*	NA		IMPERFECT	*	1	0	1	0	NEARLY LEVEL
136	*	*	NA		POOR	*	0	0	0	0	*
137	*	*	NA		POOR	*	0	0	0	0	*
138	100	*	NA		MOD. WELL	NO	2	0	0	0	NEARLY LEVEL
138B	100	*	NA		IMPERFECT	*	2	0	0	0	NEARLY LEVEL
139	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
140	*	*	NA		POOR	*	1	0	1	0	NEARLY LEVEL
140B	100	*	NA		MOD. WELL	*	1	0	0	0	NEARLY LEVEL
141	100	*	NA		MOD. WELL	*	1	0	0	0	V.GENTLY SLOPING
142	100	*	NA		*	*	1	0	0	0	V.GENTLY SLOPING
143	100	*	NA		WELL	NO	2	0	1	0	V.GENTLY SLOPING
144	*	*	NA		POOR	YES	0	0	0	0	*
145	*	*	NA		VERY POOR	*	0	0	0	0	*
146	*	*	NA		POOR	*	1	0	1	0	NEARLY LEVEL
146B	100	*	NA		IMPERFECT	*	2	0	0	0	NEARLY LEVEL
147	100	*	40	TDC	MOD. WELL	NO	1	0	1	0	GENTLY SLOPING
148	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
149	100	*	NA		WELL	NO	2	0	1	0	GENTLY SLOPING
150	100	*	NA		WELL	*	2	0	1	0	V.GENTLY SLOPING
151	*	*	NA		*	*	0	0	0	0	*
152	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
153	100	*	NA		WELL	NO	2	0	1	0	V.GENTLY SLOPING
154	*	*	NA		*	*	2	0	0	0	V.GENTLY SLOPING
155	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
156	*	*	NA		*	*	1	0	0	0	V.GENTLY SLOPING
157	100	*	NA		WELL	NO	2	0	1	0	V.GENTLY SLOPING
158	*	*	NA		*	*	0	0	0	0	*
159	*	*	NA		*	*	0	0	0	0	*
160	100	*	NA		MOD. WELL	NO	1	0	0	0	NEARLY LEVEL
161	100	*	NA		MOD. WELL	NO	2	0	0	0	V.GENTLY SLOPING
162	100	*	NA		MOD. WELL	NO	2	0	1	0	V.GENTLY SLOPING
163	*	*	NA		POOR	*	0	0	1	0	NEARLY LEVEL
163B	100	*	NA		IMPERFECT	*	2	0	0	0	V.GENTLY SLOPING
164	*	*	NA		*	*	2	0	0	0	V.GENTLY SLOPING
165	*	*	NA		*	*	2	0	0	0	V.GENTLY SLOPING
166	*	*	NA		MOD. WELL	*	2	0	0	3	V.GENTLY SLOPING
167	*	*	NA		*	*	2	0	0	0	V.GENTLY SLOPING
168	100	*	NA		MOD. WELL	*	2	0	1	0	V.GENTLY SLOPING
169	*	*	NA		*	*	0	0	0	0	*
170	100	*	NA		MOD. WELL	NO	2	0	0	0	V.GENTLY SLOPING
171	100	*	NA		MOD. WELL	NO	2	0	1	0	V.GENTLY SLOPING

EXTENDED LEGEND FOR WHITES RIVER ROAD  
(PART TWO)

POLYGON NUMBER	DEPTH TO BEDROCK	DEPTH TO ROOTING	DEPTH TO CONSTRICTING LAYER	TYPE DEGREE EXTENT	DRAINAGE	SEEPAGE	STONES	ROCKS	BOULDBERS	COBBLES	SLOPE CLASS
171B	100	*	NA		MOD. WELL	NO	2	0	0	0	V.GENTLY SLOPING
172	*	*	NA		*	*	2	0	0	0	*
173	*	*	NA		*	*	0	0	0	0	*
174	*	*	NA		POOR	*	1	0	1	0	NEARLY LEVEL
174B	100	*	NA		IMPERFECT	*	2	0	0	0	NEARLY LEVEL
175	*	*	NA		*	*	1	0	0	0	NEARLY LEVEL
176	*	*	NA		IMPERFECT	NO	2	0	0	2	NEARLY LEVEL
177	*	*	NA		MOD. WELL	NO	1	0	0	2	V.GENTLY SLOPING
178	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
179	*	*	NA		*	*	2	0	0	0	NEARLY LEVEL
180	*	*	NA		*	*	2	0	0	0	V.GENTLY SLOPING
181	100	*	NA		MOD. WELL	NO	2	0	0	0	V.GENTLY SLOPING
181B	100	*	40	TDC	MOD. WELL	NO	2	0	1	0	V.GENTLY SLOPING
182	*	*	NA		*	*	0	0	0	0	*
183	*	*	NA		*	*	0	0	0	0	*
184	*	*	NA		*	*	0	0	0	0	*
185	*	*	NA		*	*	0	1	0	0	NEARLY LEVEL
186	*	*	NA		*	*	2	0	0	0	V.GENTLY SLOPING
187	*	*	NA		POOR	*	3	0	1	2	NEARLY LEVEL
188	*	*	NA		IMPERFECT	*	2	0	0	3	NEARLY LEVEL
189	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
190	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
191	*	*	NA		*	*	0	0	0	0	*
192	*	*	NA		*	*	0	0	0	0	*
193	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
194	100	*	NA		WELL	NO	1	0	0	2	V.GENTLY SLOPING
195	*	*	NA		*	*	1	0	0	0	NEARLY LEVEL
196	*	*	NA		*	*	0	0	0	0	*
197	*	*	NA		*	*	0	0	0	0	*
198	*	*	NA		*	*	0	0	0	0	*
199	100	*	NA		MOD. WELL	NO	1	0	0	2	V.GENTLY SLOPING
200	*	*	NA		*	*	0	0	0	0	*
201	*	*	NA		*	*	0	0	0	0	*
202	*	*	NA		*	*	0	0	0	0	*
203	*	*	NA		*	*	3	0	0	0	NEARLY LEVEL
204	*	*	NA		MOD. WELL	NO	1	0	0	2	NEARLY LEVEL
205	100	*	NA		WELL	NO	1	0	0	2	V.GENTLY SLOPING
206	*	*	NA		*	*	2	1	0	0	V.GENTLY SLOPING
207	*	*	NA		*	*	3	0	0	0	V.GENTLY SLOPING
208	*	*	NA		*	*	1	0	0	0	V.GENTLY SLOPING
209	*	*	NA		*	*	0	0	0	0	*
210	*	*	NA		*	*	0	0	0	0	*
211	*	*	NA		*	*	0	0	0	0	*
212	*	*	NA		MOD. WELL	NO	2	0	0	2	V.GENTLY SLOPING
213	*	*	NA		MOD. WELL	NO	2	0	0	3	NEARLY LEVEL
214	*	*	NA		IMPERFECT	NO	2	0	0	3	V.GENTLY SLOPING
215	100	*	NA		WELL	NO	2	0	0	2	V.GENTLY SLOPING
216	*	*	NA		IMPERFECT	*	4	0	1	3	NEARLY LEVEL

EXTENDED LEGEND FOR WHITES RIVER ROAD  
(PART TWO)

POLYGON NUMBER	DEPTH TO BEDROCK	DEPTH TO ROOTING	DEPTH TO CONSTRICTING LAYER	TYPE DEGREE EXTENT	DRAINAGE	SEEPAGE	STONES	ROCKS	BOULDERS	COBBLES	SLOPE CLASS
217	*	*	NA		*	*	0	0	0	0	*
218	*	*	NA		*	*	0	0	0	0	*
219	*	*	NA		*	*	0	0	0	0	*
220	100	*	NA		MOD. WELL	NO	2	0	0	2	V.GENTLY SLOPING
221	*	*	NA		*	*	2	0	0	0	V.GENTLY SLOPING
222	*	*	NA		VERY POOR	*	0	0	0	0	NEARLY LEVEL
223	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
224	*	*	NA		*	*	3	0	0	0	V.GENTLY SLOPING
225	*	*	NA		*	*	0	0	0	0	*
226	*	*	NA		*	*	0	0	0	0	*
227	*	*	NA		*	*	0	0	0	0	*
228	100	*	NA		MOD. WELL	*	2	0	0	2	*
229	*	*	NA		*	*	0	0	0	0	*
230	*	*	NA		*	*	0	0	0	0	*
231	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
232	*	*	NA		POOR	*	0	0	0	0	NEARLY LEVEL
233	*	*	NA		POOR	*	0	0	0	0	*
234	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
235	*	*	NA		IMPERFECT	YES	2	0	1	2	NEARLY LEVEL
236	*	*	NA		VERY POOR	*	0	0	0	0	NEARLY LEVEL
236B	*	*	NA		POOR	*	0	0	0	0	NEARLY LEVEL
237	100	*	NA		MOD. WELL	NO	3	0	1	2	NEARLY LEVEL
238	100	*	NA		WELL	NO	1	0	0	2	V.GENTLY SLOPING
239	*	*	NA		*	*	0	0	0	0	*
240	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
241	*	*	NA		*	*	0	0	0	0	*
242	*	*	NA		*	*	0	0	0	0	*
243	*	100	NA		WELL	NO	1	0	0	2	V.GENTLY SLOPING
244	*	*	NA		MOD. WELL	NO	3	0	1	2	NEARLY LEVEL
245	100	*	NA		POOR	YES	3	0	1	3	NEARLY LEVEL
246	100	*	NA		POOR	YES	3	0	0	2	NEARLY LEVEL
247	*	*	NA		WELL	NO	1	0	0	2	V.GENTLY SLOPING
248	*	*	NA		*	*	0	0	0	0	*
249	*	*	NA		*	*	0	0	0	0	*
250	*	*	NA		*	*	0	0	0	0	*
251	*	*	NA		*	*	0	0	0	0	*
252	*	*	NA		POOR	*	3	0	1	3	NEARLY LEVEL
253	*	*	NA		VERY POOR	*	0	0	0	0	NEARLY LEVEL
254	*	*	NA		POOR	YES	3	0	1	3	NEARLY LEVEL
255	*	*	NA		*	*	2	0	1	0	NEARLY LEVEL
256	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
257	*	*	NA		VERY POOR	YES	3	0	0	3	NEARLY LEVEL
258	*	*	NA		MOD. WELL	NO	1	0	0	2	V.GENTLY SLOPING
259	*	*	NA		IMPERFECT	*	3	0	0	0	NEARLY LEVEL
260	*	*	NA		*	*	0	0	0	0	*
261	*	*	NA		*	*	0	0	0	0	*
262	*	*	NA		*	*	0	0	0	0	*
263	*	*	NA		*	*	0	0	0	0	*

EXTENDED LEGEND FOR WHITES RIVER ROAD  
(PART TWO)

POLYGON NUMBER	DEPTH TO BEDROCK	DEPTH TO ROOTING	DEPTH TO CONSTRICTING LAYER	TYPE DEGREE EXTENT	DRAINAGE	SEEPAGE	STONES	ROCKS	BOULDERS	COBBLES	SLOPE CLASS
264	*	*	NA	*	*		0	0	0	0	*
265	*	*	NA		VERY POOR	*	0	0	0	0	NEARLY LEVEL
266	100	*	NA		MOD. WELL	NO	1	0	0	2	V.GENTLY SLOPING
267	*	*	NA		WELL	NO	1	0	0	2	NEARLY LEVEL
268	100	*	NA		WELL	NO	1	0	0	2	GENTLY SLOPING
269	*	*	NA		*	*	0	0	0	0	*
270	*	*	NA		MOD. WELL	NO	0	0	0	3	*
271	*	*	NA		*	*	0	0	0	0	*
272	*	*	NA		*	*	0	0	0	0	*
273	*	*	NA		*	*	0	0	0	0	*
274	*	*	NA		MOD. WELL	*	2	0	0	2	NEARLY LEVEL
275	*	*	NA		*	*	0	0	0	0	*
276	*	*	NA		*	*	0	0	0	0	*
277	*	*	NA		VERY POOR	*	3	0	0	0	NEARLY LEVEL
277B	*	*	NA		IMPERFECT	YES	3	0	1	3	GENTLY SLOPING
278	*	*	NA		POOR	YES	3	0	0	0	*
279	*	*	NA		VERY POOR	*	0	0	0	0	NEARLY LEVEL
280	*	*	NA		*	*	0	0	0	0	NEARLY LEVEL
281	*	*	NA		MOD. WELL	*	2	0	1	0	NEARLY LEVEL
282	*	*	NA		MOD. WELL	*	0	0	0	0	NEARLY LEVEL
283	*	*	NA		IMPERFECT	*	2	0	1	0	NEARLY LEVEL
284	*	*	NA		POOR	YES	3	0	1	3	NEARLY LEVEL
285	*	*	NA		POOR	*	0	0	0	0	NEARLY LEVEL
286	*	*	NA		IMPERFECT	*	3	0	1	2	NEARLY LEVEL
287	*	*	NA		*	*	0	0	0	0	*
288	*	*	NA		MOD. WELL	*	1	0	0	3	V.GENTLY SLOPING
289	*	*	NA		MOD. WELL	NO	2	0	0	2	NEARLY LEVEL
290	*	*	NA		MOD. WELL	*	0	0	0	0	STRONG SLOPE
291	*	*	NA		MOD. WELL	*	0	0	0	0	*
292	*	*	NA		MOD. WELL	NO	2	0	0	2	V.GENTLY SLOPING
292B	*	*	NA		IMPERFECT	NO	2	0	0	2	V.GENTLY SLOPING
293	*	*	NA		*	*	0	0	0	0	GENTLY SLOPING
294	*	*	NA		MOD. WELL	NO	2	0	1	2	V.GENTLY SLOPING
295	*	*	NA		MOD. WELL	*	3	0	0	4	STRONG SLOPE
296	*	*	NA		*	*	0	0	0	0	*
297	*	*	NA		*	*	0	0	0	0	*
298	*	*	NA		MOD. WELL	*	0	0	0	0	*
299	*	*	NA		MOD. WELL	*	0	0	0	0	*
300	*	*	NA		POOR	YES	0	0	0	0	*
301	*	*	NA		IMPERFECT	*	0	0	0	0	*
302	*	*	NA		IMPERFECT	*	0	0	1	0	*
303	*	*	NA		IMPERFECT	*	2	0	1	2	*
304	*	*	NA		POOR	YES	0	0	0	0	*
305	*	*	NA		IMPERFECT	NO	2	0	1	2	NEARLY LEVEL
306	*	*	NA		POOR	NO	0	0	0	0	NEARLY LEVEL
306B	*	*	NA		IMPERFECT	*	3	0	1	3	NEARLY LEVEL
307	*	*	NA		IMPERFECT	*	2	0	0	3	NEARLY LEVEL
308	*	*	NA		MOD. WELL	*	0	0	0	0	*

EXTENDED LEGEND FOR WHITES RIVER ROAD  
(PART TWO)

POLYGON NUMBER	DEPTH TO BEDROCK	DEPTH TO ROOTING	DEPTH TO CONSTRICTING LAYER	TYPE DEGREE EXTENT	DRAINAGE	SEEPAGE	STONES	ROCKS	BOULDERS	COBBLES	SLOPE CLASS
309	‡	‡	NA		MOD. WELL	‡	1	0	0	2	V.GENTLY SLOPING
310	‡	‡	NA		MOD. WELL	‡	0	0	0	0	‡
311	‡	‡	NA		MOD. WELL	NO	3	0	1	2	NEARLY LEVEL
312	50	‡	NA		MOD. WELL	NO	1	0	0	2	GENTLY SLOPING
313	‡	‡	NA		MOD. WELL	NO	1	0	0	2	GENTLY SLOPING
314	‡	‡	NA		MOD. WELL	‡	1	0	0	2	V.GENTLY SLOPING
315	‡	‡	NA		IMPERFECT	‡	2	0	0	0	‡
316	‡	‡	NA		POOR	‡	0	0	0	0	‡
317	100	‡	NA		WELL	‡	2	0	1	3	V.GENTLY SLOPING
318	‡	‡	NA		MOD. WELL	‡	3	0	1	3	V.GENTLY SLOPING
319	‡	‡	NA		‡	‡	0	0	0	0	‡
320	100	‡	NA		MOD. WELL	NO	2	0	0	2	GENTLY SLOPING
320B	100	‡	NA		IMPERFECT	NO	2	0	0	2	‡
321	‡	‡	NA		VERY POOR	‡	0	0	0	0	NEARLY LEVEL
321B	‡	‡	NA		POOR	‡	0	0	0	0	‡
322	100	‡	NA		IMPERFECT	NO	2	0	0	2	V.GENTLY SLOPING
323	100	‡	NA		MOD. WELL	‡	2	0	0	2	GENTLY SLOPING
324	‡	‡	NA		IMPERFECT	‡	3	0	1	3	V.GENTLY SLOPING
325	‡	‡	NA		VERY POOR	‡	0	0	0	0	‡
326	‡	‡	NA		MOD. WELL	‡	1	0	0	2	V.GENTLY SLOPING
327	30	‡	NA		WELL	NO	1	0	0	3	V.GENTLY SLOPING
328	‡	‡	NA		IMPERFECT	‡	2	0	1	0	‡
329	‡	‡	NA		IMPERFECT	NO	3	0	1	3	V.GENTLY SLOPING
330	‡	‡	NA		VERY POOR	‡	3	0	1	3	NEARLY LEVEL
331	‡	‡	NA		IMPERFECT	‡	3	0	1	2	V.GENTLY SLOPING
332	‡	‡	NA		VERY POOR	‡	0	0	0	0	NEARLY LEVEL
333	‡	‡	NA		IMPERFECT	‡	0	0	0	0	GENTLY SLOPING
334	‡	‡	NA		IMPERFECT	YES	2	0	0	0	NEARLY LEVEL
335	‡	25	NA		MOD. WELL	NO	1	0	0	1	NEARLY LEVEL
336	‡	‡	NA		IMPERFECT	YES	3	0	1	3	V.GENTLY SLOPING
336B	‡	‡	NA		POOR	‡	0	0	0	0	‡
337	‡	‡	NA		IMPERFECT	‡	2	0	1	2	V.GENTLY SLOPING
338	‡	‡	NA		MOD. WELL	‡	3	0	1	3	‡
338B	‡	‡	NA		IMPERFECT	NO	3	0	1	3	NEARLY LEVEL
339	‡	‡	NA		WELL	NO	1	0	0	2	GENTLY SLOPING
340	‡	‡	NA		IMPERFECT	NO	3	0	1	2	NEARLY LEVEL
341	‡	‡	NA		MOD. WELL	NO	1	0	0	0	GENTLY SLOPING
342	‡	‡	NA		WELL	NO	1	0	0	2	NEARLY LEVEL
343	‡	‡	NA		WELL	NO	1	0	0	2	NEARLY LEVEL
344	‡	‡	NA		WELL	NO	1	0	0	2	V.GENTLY SLOPING
344B	‡	‡	NA		MOD. WELL	‡	0	0	0	0	V.GENTLY SLOPING
345	‡	‡	NA		IMPERFECT	YES	2	0	1	0	NEARLY LEVEL
346	‡	‡	NA		IMPERFECT	‡	3	0	1	3	V.GENTLY SLOPING
346B	‡	‡	NA		POOR	YES	3	0	1	3	V.GENTLY SLOPING
347	‡	‡	NA		‡	‡	0	0	0	0	GENTLY SLOPING
348	‡	‡	NA		IMPERFECT	NO	1	0	0	2	NEARLY LEVEL
349	‡	‡	NA		‡	‡	0	0	0	0	‡
350	‡	‡	NA		WELL	NO	1	0	0	2	NEARLY LEVEL

EXTENDED LEGEND FOR WHITES RIVER ROAD  
(PART TWO)

POLYGON NUMBER	DEPTH TO BEDROCK	DEPTH TO ROOTING	DEPTH TO CONSTRICTING LAYER	TYPE DEGREE EXTENT	DRAINAGE	SEEPAGE	STONES	ROCKS	BOULDBERS	COBBLES	SLOPE CLASS
351	±	±	NA		WELL	NO	1	0	0	2	GENTLY SLOPING
352	100	±	NA		WELL	NO	2	0	0	3	V.GENTLY SLOPING
353	±	±	NA		IMPERFECT	NO	3	0	1	3	V.GENTLY SLOPING
354	±	±	NA		MOD. WELL	±	1	0	0	0	±
355	±	±	NA		POOR	YES	2	0	0	0	±
356	±	±	NA		IMPERFECT	±	3	0	1	0	±
357	±	±	NA		VERY POOR	±	0	0	0	0	NEARLY LEVEL
357B	±	±	NA		VERY POOR	±	0	0	0	0	±
358	±	±	NA		IMPERFECT	±	0	0	0	0	±
359	±	±	NA		IMPERFECT	±	0	0	0	0	±
360	±	±	NA		POOR	±	0	0	0	0	±
192B	±	±	NA		±	±	0	0	0	0	±
129B	±	±	NA		±	±	0	0	0	0	NEARLY LEVEL
130B	±	±	NA		POOR	±	0	0	0	0	NEARLY LEVEL
151B	±	±	NA		±	±	0	0	0	0	NEARLY LEVEL
156B	±	±	NA		±	±	0	0	0	0	±
172B	±	±	NA		±	±	0	0	0	0	±
173B	±	±	NA		±	±	0	0	0	0	±
345B	±	±	NA		POOR	YES	3	0	0	0	NEARLY LEVEL
126B	±	±	NA		VERY POOR	±	0	0	0	0	±
136B	±	±	NA		POOR	±	0	0	0	0	±
259B	±	±	NA		POOR	±	3	0	0	0	NEARLY LEVEL
129B	±	±	NA		±	±	0	0	0	0	NEARLY LEVEL
130B	±	±	NA		POOR	±	0	0	0	0	NEARLY LEVEL
136B	±	±	NA		POOR	±	0	0	0	0	±
151B	±	±	NA		±	±	0	0	0	0	NEARLY LEVEL
156B	±	±	NA		±	±	0	0	0	0	±
172B	±	±	NA		±	±	0	0	0	0	±
173B	±	±	NA		±	±	0	0	0	0	±
192B	±	±	NA		±	±	0	0	0	0	±
345B	±	±	NA		POOR	YES	3	0	0	0	NEARLY LEVEL



Appendix II

Map Legend for the White's River Road Soil Survey

SOILS LEGEND - WHITE'S RIVER ROAD AREA

MAP SYMBOL	SOIL NAME	DRAINAGE WATER REGIME	SOLUM TEXTURE	DEPTH TO BEDROCK (CM)	SOIL CLASSIFICATION
Soils developed on olive gray to darkish brown loam to sandy loam till derived from shale and soft sandstone.					
Ck	Cormack	Well; moderate transmissibility	loam	75-100	Orthic Humo-Ferric Podzol
Hb	Humber	Moderately well; moderate transmissibility	clay loam	75-100	Orthic Ferro-Humic Podzol
Nb	North Brook	Poor; low transmissibility	loam	75-100	Rego Gleysol
Wr	White's River	Imperfect; low to moderate transmissibility	sandy loam - loam	75-100	Gleyed Humo-Ferric Podzol
Soil developed on red to reddish brown sandy loam to loam tills derived from sandstone, siltstone, conglomerate and minor granite.					
Bf	Big Falls	Moderately well; moderate	sandy loam - loam	75-100	Orthic Humo-Ferric Podzol
Soil developed on dark reddish brown to reddish brown sandy loam to gravelly sandy loam derived from sandstone, siltstone, conglomerate and granite.					
Ad	Adies Pond	Imperfect; moderate transmissibility	sandy loam	50-75	Gleyed Humo-Ferric Podzol
Jb	Junction Brook	Poor; moderate transmissibility	sandy loam	50-75	Orthic Gleysol
Lf	Little Falls	Well; moderate transmissibility	sandy loam	50-75	Orthic Humo-Ferric Podzol
Soils developed on brown to reddish brown loamy sand to sand alluvial deposits					
Al	Alluvium	Moderately well to poorly drained	sand to loamy sand	100+	
Soils developed on deposits of sphagnum mosses					
Sy	Sandy Lake	Poorly drained		~150-300	Typic Fibrisol
Land Type					
Rx	Rockland	Exposed bedrock and very shallow soils			