SOILS OF NORTHERN VICTORIA COUNTY NEW BRUNSWICK

APPENDIX 2

Tables 11 to 23

Table 11. Area cleared, capability class, acreage, and limitations

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
Adder	Ad					16w		
	b-c 2							
	d-e					24w		
	b-c 3					28p/w		
	d 3					289p/w		
	d-e 3					251p/w		
	e 3					48p/t		
	e-f 3						60p/t	
	b-c 4						80p	
	d 4						211p	
	d-e 4						60p/t	
	e 4						44p/t	
	f 4						16p/t	
Babbit Brook	Bab					355w		
	b-c 2							
	d 2					159w		
	d-e 2					279w		
	b-c 3					16p/w		
	d 3						522p/w	
	d-e 3						56p/w	
	d 4						175p/w	
	d-e 4						76p/w	
Bellefleur	Be	237		334d				
	b-c 0-1							
	d1	70		100t				
	d-e 1	58			116t			
Benedict	Bn				243c/t			
	d 2							
	b-c 3					60p		
	d 4						68p	
	d-e 4						140p/t	
Blue Mountain	BM					263p/w		
	d 3							
	d 4					454p/w		
Boston Brook	Bob			148s				
	b-c 1			80s				
	d-e 1			44t				
	b-c 2			1339s				
	c 2			167s				
	c-d 2			3699t/s				
	d 2			2032t				
	d-e 2				4300t			
	e 2				933t			
	e-f 2					64t		
	f 2					227t		
	b-c 3					510p		
	d 3					4391p		
	d-e 3					885p		
	e 3	64				1100p/t		
	e-f 3						617p/t	
	f 3						323p/t	
	d-e 4						8p	
	d 21						339p/r	
Bottomland	L				1630w			
	b-c 1							
	d 1			670t				
	b-c 2				542w			
	d 2	19		928t				
	c-d 3					144p		
	d 3					16p		
	e 3					88p/t		

* See the last page of this table for an explanation of symbols.

Table 11. Area cleared, capability class, acreage, and limitations (continued)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
Bourgoin	B					100w		
	b-c 0							
	b-c 1					32w		
	d 1	13				12w		
	b-c 2					80w		
	d 2					586w		
Britt Brook	BrB				72c			
	b-c 2							
	d 2				491c/t			
	d-e 2					403c/t		
	e 2					155c/t		
	b-c 3					36p		
	c-d 3					678p		
	d 3					2395p		
	d-e 3					1279p		
	e 3					1044p		
	e-f 3						64p/t	
	f 3						76p/t	
	b-c 4						104p	
	c-d 4						235p	
	d 4						1798p	
	d-e 4						1216p	
	e 4						96p/t	
	c-f 4						761p/t	
	f 4						359p/t	
Caribou	Ca	714	6146					
	b-c 1							
	c-d 1	160		2168t				
	d 1	102		5971t				
	d-e 1	128			11293t			
	e 1				8569t			
	e-f 1					1678t		
	b-c 2		289					
	c-d 2	237		534t				
	d 2			2009t				
	d-e 2	109		491t				
	e 2	32			976t			
	e-f 2	70				889t		
	f 2	51				64t		
Carlingford	Cf				12w			
	c-d 0							
	d-e 0				64w			
	b-c 1	141			630w			
	d 1				646w			
	c-d 1				2977w/t			
	e 1				702w			
	b-c 2	115			207w			
	c-d 2	58			236w			
	d 2				339w			
	d-e 2	147			534w			
Clearwater	Cw			638c				
	b-c 2							
	c-d 2			76c/t				
	d 2			184c/t				
	d-e 2				857t/c			
	e 2				76t			
	b-c 3					897p		
	c-d 3					2040p		
	d 3					2351p		
	d-e 3					1176p		
	e 3					231p		

Table 11. Area cleared, capability class, acreage, and limitations (continued)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
Clearwater (cont'd)	e-f 3						785p/t	
	f 3						311p/t	
	b-c 4						1311p	
	c-d 4						1881p	
	d 4						4337p	
	d-e 4						3597p	
	e 4						857p/t	
	e-f 4						1642p/t	
	f 4						120p/t	
	b-c 3II						44r/p	
	c 3II						112r/p	
	c 4I						108r/p	
Colter Mountain	CoM						215p/w	
	d 3							
Coté	Ct					701w		
	b-c 1							
	c-d 1	90				757w		
	d 1	102				535w		
	d-e 1					355w		
	e 1					554w		
	b-c 2					104w		
	c-d 2					1176w		
	c 2	6				502w		
	e-f 2					247w		
	g-e					179w		
Cyr	Cy					80w		
	d 2							
	f 2					20w		
	b-c 3					40w		
	d-e 3					8w		
Dubé	Du				155t/w			
	e 2							
Ennishore	E	58			144w			
	b-c 1							
	c-d 1				351w			
	d 1				16w			
	d-e 1				259w			
	b-c 2				112w			
	c-d 2				100w			
	d 2	6			2563w			
	d-e 2				1192w			
Five Fingers	FF					2160w		
	c-d 2							
	d 2					215w		
	d-e 2					1363w		
Foreston	F					100w		
	c-d 1							
	b-c 2					155w		
	c-d 2					64w		
	d 2					510w		
	e 2					514w		
	e-f 2					215w		
	b-c 3						336w/p	
	e 3						24w/p	
	e-f 3						16p	
	d-e 4						155p/w	
	e 4						271p/w	
	e-f 3II						812r/p/w	

Table 11. Area cleared, capability class, acreage, and limitations (continued)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
Flemming	Fl	132	132					
	b 0							
	b-c 1	9	116					
Gagetown	G				383f/m			
	b 0				16f/m			
	d 1				12f/m			
	b-c 2				976f/m			
	c-d 2				486f/m			
	d 2				1502f/m			
	d-e 2				542f/m			
	e 2				34t/m			
	b-c 3					989p		
	c-d 3					642p		
	d 3					450p		
	d-e 3					36p		
	e 3					279p/t		
	b-c 4						100p	
	c-d 4						203p	
	d 4						909p	
	d-e 4						132p	
	e 4						24p	
	f 4						76p/t	
Geary	Gy				859w/f			
	b-c 2							
	c 2				74w/f			
	c-d 2				449w/f			
	d 2				273w/f			
	d-e 2				4w/f			
	e 2				101w/t			
	c 3					993p/w		
	c-d 3					634p/w		
	d 3					437p/w		
	d-e 3					265p/w		
	e 3					95p/t		
	c 4						49p/w	
	c-d 4						96p/w	
	d 4						30p/w	
	d-e 4						81p/w	
Glassville	Ge	26		36t/m				
	d 1							
	d-e 1			826t/m				
	e 1				175t			
	e-f 1					1080t		
	f 1					8t		
	b-c 2	205		929m/f				
	c-d 2	26		1526t/m				
	d 2	198		3427t/m				
	d-e 2	218			9849t			
	e 2	83			14,344t			
	e-f 2	26				8147t		
	f 2	19				4620t		
	f-g 2						159t	
	b-c 3					243p		
	c-d 3	128				247p		
	d 3					3271p		
	d-e 3	70				14,243p		
	e 3					5217p/t		
	e-f 3	531					7027p/t	
	f 3						1547p/t	
	f-g 3						654p/t	
	d 4						483p	
	d-e 4						1004p	
	e 4						3157p/t	

Table 11. Area cleared, capability class, acreage, and limitations (continued)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
Glassville (cont'd)	e-f 4						5070p/t	
	f 4						5313p/t	
	f-g 4						777p/t	
	f 5						1236t/p	
	d-e 2I					339t/r		
	e-f II						7015p/r	
	g 3III						20r/t/p	
	d 3IV						1140r/p	
	e-f 3IV						1841r/p	
	e 4II						367r/p	
	f 4II						1965p/t/r	
	e 4II						56p/r	
	f 4III						777p/r/t	
	f-g 4III						1108t/r/p	
	g 4III						829t/r/p	
	e 4IV						857r/p	
Glassville (sandy variant)	c-d 3					1682p		
Goodfellow	Gf						100p/w	
	d 4							
	d-e 4						478p/w	
	f 4						96p/w	
Grand Falls	GF	24			24f/m			
	b-c 1	147			1423f/m			
	d 1	198			2032f/m			
	d-e 1				148m/t			
	e 1				259t/m			
	b-c 2	147			1351f/m			
	c-d 2				1084f/m			
	d 2	64			1093f/m			
	d-e 2	179			462m/t			
	e 2				236t/m			
	f 2					72t		
	d 3					104p		
	d-e 3					331p		
	e 3					72p		
	e 4					20p		
Guercheville	Gl	13		60w				
	b-c 2							
	d 2				478w			
Gulquac	Gu				311f/m			
	b-c 1							
	d 1				1112f/m			
Harquail	Ha			1865t/r				
	d 1							
	d-e 1				104t			
	d 2			100t/r				
	e-f 2					283t		
	b-c 3					28p		
Holmesville	H	2305	4679					
	b-c 1							
	c-d 1	626	626					
	d 1	102		1181t				
	d-e 1			359t				
	b-c 2	9184	22395					
	c-d 2	1395		15251t				
	d 2	762		6967t				

Table 11. Area cleared, capability class, acreage, and limitations (continued)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
Holmesville (cont'd)	d-e 2	941			12902t			
	e 2	83			4365t			
	e-f 2					958t		
	f 2	32				430t		
	b-c 3					255p		
	d-e 3	77				2319p		
	e 3						32p	
	d-f 3		323				203t/p	
Holmesville (silt loam variant)	Hsil		323					
	b-c 1							
	d 1			1148t				
	d-e 1			299t				
	e 1				1315t			
	b-c 2		88					
	c-d 2			713t				
	d 2			1472t				
	d-e 2				1985t			
	e 2				885t			
	e-f 2					303t		
Interval	I	48	48					
	B 0	355	932					
	a-b 1		68					
	d 1		32					
	a-b 2		582					
Irving	Ir			40c				
	b-c 2			48c				
	d 2				183t/c			
	b-c 3					72p		
	d 3					100p		
	d-e 3					175p		
	e 3					68p		
	d 4						539p	
	d-e 4						972p	
	e 4						219p/t	
	e-f 4						1857p/t	
	f 4						407t/p	
	e 4I						104p/r	
	d-e 4II						530r/p	
	f 4I						279t/p/r	
Island Lake	IL					295p		
	d 3							
	f 3						144p/t	
	b-c 4						403p	
	d-e 4						32p	
	e 4						132p/t	
Jardine	Ja		638					
	b-c 1							
	c-d 1		426					
	d 1			243t				
	d-e 1			108t				
	e 1				167t			
	c-d 2		3085					
	d-e 2			2387t				
Jenkins	Je					8w		
	b-c 2							
	b-c 3						32p/w	
	d 3						137p/w	
	d 4						23p/w	
	d-e 4						64p/w	

Table 11. Area cleared, capability class, acreage, and limitations (continued)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
Johnville	J	109			167w			
	b-c 1							
	d 1				60w			
	d-e 1	19			32w			
	e 1				359w			
	b-c 2	973				6420w		
	c-d 2	70				5682w		
	d 2	179				2009w		
	d-e 2	51				2515w		
	e 2	64				267w/t		
	f 2	109				159w/t		
	c-d 3						4p/w	
	d 3						399p/w	
	e 3						8p/w	
Johnville (silty variant)	Jsil				105w			
	b-c 2							
	d 2				69w			
	d-e 2					275w/t		
Jummet Brook	JB					88w		
	b-c 2							
	d 2					136w		
	d-e 2					20w		
	e 2					299w		
	b-c 3					343w/p		
	d 3					175w/p		
	d-e 3					299w/p		
	e 3					36w/p		
	b-c 4						909p/w	
	d 4						1251p/w	
	d-e 4						1208p/w	
	e 4						156p/w	
	f 4						100p/w	
	d 4I						112p/r	
	f 4I						1196p/r	
	e 4II						271p/r	
Juniper	Ju			28f/m				
	c 2			136f/m				
	d 2			386t/r				
	d-e 2				235t			
	e 2				1503t			
	f 2					32t		
	b-c 3					176p		
	d 3					550p		
	d-e 3					1252p/t		
	e 3					339p/t		
	e-f 3					3045p/t		
	f 3						455t/p	
	b-c 4						1953p	
	c-d 4						953p	
	d 4						4691p	
	d-e 4						8334p	
	e 4						10645p	
	e-f 4						12499p/t	
	f 4						17939p/t	
	d 4I						116p/r	
	f 4I						2595p/r	
	b-c 3II						44p/r	
	d 4II						40p/r	
	d-e 4II						494p/r	
	e 4II						275p/r	
	f 4II						9413p/t/r	
	g 4II						36t/r/p	

Table 11. Area cleared, capability class, acreage, and limitations (continued)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
Juniper (cont'd)	d 4III						64p/r	
	e 4III						52p/r	
	g 4III						2280t/r/p	
	b-c 4IV						8r/p	
	e 4IV						163r/p	
	f 4IV						319r/p	
Kedgwick	Kd			271t				
	d 1							
	d-e 1				120t			
Kintore	Ke						203t/p	
	f-g 3							
	f 4						299p/t	
	f-g 4						199t/p	
	g 4						243t/p	
	g 3II						24t/r	
	f-g 4II						207t/r	
Kingsclear	Ki	160		1044d/w				
	c-d 1							
	d 1			211d/w				
	d-e 1	38		686d/w				
	e-f 2	19				56t		
	e-f 4						1303p/t	
Lauzier	La					148w		
	d 1							
	b-c 2					62w		
	d 2					219w		
	d-e 2					12w		
Long Lake	LL				32t/c			
	d 2							
	e 2				12t			
	f 2					32t		
	b-c 3					331p		
	d 3					606p		
	d-e 3					187p		
	e 3					546p		
	d 4						638p	
	e 4						514p	
Maliseet	Ma		32					
	b 0	2144	2328					
	c 0	52	52					
	c-d	134	219					
	a-c 1		52					
	d 1			108t				
	d-e 1			359t				
	d 2	51		510t				
	d-e 2			16t				
	e 2				120t			
	e-f 2					378t		
	f 2					195t		
	g 4III						207t/r/p	
Martial	Ml				105w			
	d 0							
McCluskey	Mc			24w				
	c 0							
	b-c 1	77			1093w			
	c-d 1	230			526w			
	d 1				544w			
	e 1				544w/t			
	b-c 2	64			686w			
	c-d 2				686w			
	d 2				718w			

Table 11. Area cleared, capability class, acreage, and limitations (continued)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
McGee	MG			1462f/m				
	b-c 1							
	d 1			1633f/t				
	d-e 1				2822t/f			
	e 1				1224t/f			
	f 1					1574t		
	b-c 2			80f/m				
	c-d 2			558f/m				
	d 2			1533t/f				
	d-e 2				2328t/f			
	e 2				3147t/f			
	e-f 2					2218t		
	f 2					2359t		
	f-g 2					167t		
	b-c 3					690p		
	d-e 3					9484p		
	e 3					980p/t		
	e-f 3					3021p/t		
	f 3					2128t/p		
	f-g 3						454t/p	
	d 4						252p	
	e 4						243p	
	e-f 4						2025p/t	
	f 4						1359t/p	
	f-g 4						785t/p	
	g 3III						20r/t	
	f 4II						1558r/p/t	
	f 4III						1104r/p/t	
McKiel	ML					287w		
	b-c 2					48w		
	d 2					618w		
	d-e 2					235w		
	e 2					1267w		
	e-f 2					275w		
	b-c 3					60p/w		
	d 3					395p/w		
	d-e 3					554p/w		
	e 3					482p/w		
	b-c 4						36p/w	
	c 4						383p/w	
	d-e 4						865p/w	
	e 4						287p/w	
	e-f 4						12p/w	
	f 4						383p/w	
	g 4						207p/w	
Midland	Md				4w			
	d 1				56w			
	f 1					526w/t		
	b-c 2				183w			
	c-d 2	64			1558w			
	d 2				830w			
	d-e 2	19			219w			
	e 2				247w			
	f 2					430w/t		
	d-e 3					116p/w		
	e-f 4						566p/w	
Monguart	Mt		84					
	b-c 1	1107	4058					
	d 1	154		9040t				
	d-e 1			4089t				
	e 1				2033t			
	e-f 1					2531t		
	f 1					235t		

Table 11. Area cleared, capability class, acreage, and limitations (continued)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	8
Moncuart (cont'd)	b-c 2		168					
	c-d 2			2947t				
	d 2			602t				
	d-e 2			810t				
	e 2				1419t			
	e-f 2					973t		
	d-e 4						112p	
Muck	M							2783
Muniac	Mu			287f/m				
	b 0	58		92f/m				
	b 1	38		120f/m				
	b-c 1	627		1543f/m				
	c-d 1	557		2118f/m				
	d 1	38			1072m/t			
	d-e 1	26			698m/t			
	e 1				32m/t			
	f 1					96t/m		
	b-c 2	102			894f/m			
	c-d 2				1144f/m			
	d 2	186			3603f/m			
	d-e 2	83			1515f/m			
	e 2				606t/m			
	e-f 2					136t/m		
	f 2					239t/m		
	d-e 3					179p		
Nackawic	N	19				84w		
	b-c 1							
	c-d 2					167w		
	d 2					1092w		
	d-e 2					96w		
	d 4						32p/w	
Nason	Na				28w			
	c 0							
	d 1				338w			
	d-e 1				415w/t			
	b-c 2				458w			
	c-d 2				287w			
	d 2				685w			
	d-e 2				335w			
	e 2				28w/t			
	f 2					167w/t		
	f-g 2						52w/t	
	d-e 3					104p/w		
	e 3					207p/w		
	f 3					132p/w		
	d 4						20p/w	
	e-f 4						179p/w	
Nickle Mills	NM				80w			
	b-c 2							
	c-d 2				2894w			
	d 2				215w			
	d-e 2				2698w			
	e 2				36w			
Ogilvie Lake	OL				275w			
	b-c 2							
	c-d 2				72w			
	d 2				179w			
	d-e 2				330w			
	e 2				28w			
	b-c 3					578p/w		

Table 11. Area cleared, capability class, acreage, and limitations (continued)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
Ogilvie Lake (cont'd)	c-d 3					478p/w		
	d 3					988p/w		
	d-e 3					395p/w		
	e 3					32p/w		
	b-c 4						761p/w	
	c-d 4						1586p/w	
	d 4						1351p/w	
	d-e 4						905p/w	
	e-f 4						52p/w	
Parleeville	Pa				24t/m			
	d-e 0							
	d 1			283t/m				
	d-e 1	224			2312t/m			
	c-d 2	282		2683t/m				
	d 2			1622t/m				
	d-e 2	32			2116t/m			
	e 2				24t/m			
	e-f 2					2886t/m		
	e 3					175p/t		
	e-f 4						1188p/t	
Peat	P							19894
Penobsquis	Pb					219w		
	d 1							
	b-c 2					219w		
	d 2					180w		
	e 2					28w		
	b-c 3					243w/p		
	d 3					148w/p		
	d-e 3					32w/p		
	e 3					8w/p		
	c-d 4						56p/w	
Plaster Rock	PR					478w		
	d 2							
Poitras	Ps					44w		
	b-c 0	14				128w		
	b-c 1	120				120w		
	d 1					60w		
	d-e 1					8w		
	e 1					44w		
	b-c 2	819				4137w		
	c-d 2					2555w		
	d 2	77				1256w		
	d-e 2	51				1451w		
	e 2	70				160w		
	e-f 2					44w		
	f 2	64				163w		
	d 3						427w/p	
	e 3						44w/p	
Poitras (silty loam variant)	Pssil					68w		
	e 1							
Portage Lake	PL					459w/c		
	b-c 2							
	d 2					415w/c		
	d-e 2					407w/c		
	b-c 3					48p/w		
	c-d 3					327p/w		
	d 3					1120p/w		
	d-e 3					331p/w		

Table 11. Area cleared, capability class, acreage, and limitations (continued)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
Portage Lake (cont'd)	e 3					239p/w		
	d 4						446p/w	
	d-e 4						148p/w	
Quisibis	Q			140r				
	b-c 1							
	d 1			207r/t				
	b-c 2			64r				
	d-e 2				1176r/t			
	e 2				140r/t			
	f 2					128t/r		
	f 3						140t/p	
Redstone	Rs				255w/c			
	c-d 2							
	d 2				28w/c			
	f 2					60w/c		
	d 3					28p/w		
	b-c 4						136p/w	
	c-d 4						307p/w	
	d-e 4						72p/w	
Riley Brook	RB			856t				
	d 1							
	d-e 1	349		696t				
	e 1				32t			
	d 2			256t				
	d-e 3					24p		
	b-c 3					24p		
Rob	R	26			26w			
	c 1							
Salmon	Sa	6			44w			
	b-c 1							
	d 1	12			12w			
	b-c 2				849w			
	c-d 2				231w			
	d 2				470w			
Siegas	S			44d				
	b-c 1	237		1224d				
	d 1			255d/t				
	e 1				8t			
	b-c 2	102		1001d				
	c-d 2			3985t				
	d 2			618t				
	d-e 2				339t			
Serpentine	Sp				64c			
	b-c 2							
	d 2				212c			
	c-d 2				291c			
	e 2				733t/c			
	b-c 3					961p		
	d 3					2144p		
	d-e 3					1367p		
	e 3					989p/t		
	e-f 3						474p/t	
	f 3						637p/t	
	g 3						4t/p	
	b-c 4						128p	
	c-d 4						1163p	
	d 4						4416p	
	d-e 4						1981p	

Table 11. Area cleared, capability class, acreage, and limitations (continued)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
Serpentine (cont'd)	e 4						3854p/t	
	e-f 4						1885p/t	
	f 4						2662p/t	
	e-f 5						339p	
	e 4II						367r/p	
	f 4II						1515r/t/p	
	f 4IV						92r/t/p	
Sirois	Si				167w			
	d 1				195w			
	e 1				502w			
	b-c 2				75w			
	d 2				104w			
	e 2					953w/t		
	b-c 3					24p		
	c-d 3					136p		
	d 3					100p		
	d-e 3					44p		
	e 3					112p/t		
	f 3					12p/t		
Skin Gulch	SG				24w			
	d 1							
	b-c 2				921w			
	c-d 2				2399w			
	e-f 2					36w/t		
	b-c 3					28p/w		
	d 3					1015p/w		
	d-e 3					426p/w		
	e 3					72p/w		
St. Amand	A	20			20w			
	b-c							
	d 1	12			24w			
	c-d 2				20w			
St. Ouentin	SQ							10973
Temiscouata	Te				108w			
	b-c 1							
	d-e 1				88w			
	b-c 2				163w			
	c-d 2				104w			
	d 2				765w			
	d-e 2				140w			
	e 2				155w			
	d 3					128p/w		
	d-e 3					383p/w		
	e 3					171p/w		
	e-f 3					16p/w		
	b-c 4						8p/w	
	e-f 4						191p/t	
	e-f 3II						815p/r	
	b-c 4IV						28r/p	
Thibault	Th		52					
	b-c 1							
	c 1		331					
	d-e 1	26		112t				
	b-c 2	13	993					
	c-d 2	26		929t				
	d 2			3791t				
	d-e 2			2957t				
	e 2	32			339t			
	e-f 2					1555t		
	f 2					120t		

Table 11. Area cleared, capability class, acreage, and limitations (continued)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
Thibault (cont'd)	d-c 3					251p		
	d-e 3	70				1451p		
	e 3					582p		
	e-f 3					5161p/t		
	e 4						1188p	
	d 3IV						562r/p	
Tobique	T			24f/m				
	d-e 0							
	d 1			148t/m				
	d-e 1				432t/m			
	b-c 2			68f/m				
	d 2			394t/m				
	d-e 2	32			1578t/m			
	e 2				20t/m			
Trafton	Tr					188w		
	b-c 1							
	c-d 1					128w		
	d 1					319w		
	d-e 1					307w		
	e 1					60w		
	c-d 2					367w		
	d 2					1097w		
	d-e 2					192w		
	e 2					673w		
	e-f 2					574w/t		
	d-e 3						108w/p	
	f 3						132p/t	
	f-g 3						52p/t/w	
	c-d 4						574p/w	
	d 4						20p/w	
Tuadook	Td				566c			
	b-c 2							
	c-d 2				255c			
	d 2				212c			
	f 2					323t		
	b-c 3					132p		
	d 3					80p		
	e 3					8p/t		
	e-f 3						502p/t	
	b-c 4						80p	
	c-d 4						56p	
	d 4						267p	
	d-e 4						849p	
	e 4						770p	
	b-c 4II						96p/r	
Undine	U	1133		1312r				
	b-c 1							
	c-d 1	531		861r				
	d 1	160		498r				
	e 1				1264t/r			
	f 1					28t		
	b-c 2	166		1404r				
	c-d 2	29		319r				
	d 2	112		112r				
	d-e 2				281t/r			
	e 2				467t/r			
	e-f 2	51				148t/r		
Undine (sandy loam variant)	Usl				367t/r			
	d-e 1							
	f 2					76t/r		

Table 11. Area cleared, capability class, acreage, and limitations (concluded)

Soils	Map symbol	Acres cleared	Acreage and limitation of capability class 2	3	4	5	7	0
Victoria	Vi	371	7000					
	b-c 1							
	c-d 1	339		914t				
	d 1	19		5639t				
	d-e 1	96			4733t			
	e 1				3483t			
	e-f 1					148t		
	f 1					92t		
	b-c 2	294	2323					
	c-d 2			1806t				
	d 2	77		2983t				
	d-e 2				1805t			
	e 2	13			1914t			
	e-f 2					1710t		
	f 2					200t		
	d 3					12p		
	d-e 3					498p		
	e 4						96p	
Waasis	Wa	51				72i/w		
	c 0							
	b-c 2					16i/w		
Wapske	Wp	64			100w			
	b 0							
	c 0	32			76w			
	d-e 2				32w			
Washburn	W					610 w		
	b-c 1							
	c-d 1					295w		
	d 1	13				853w		
	e 1					112w		
	b-c 2					44w		
	c-d 2					551w		
	d 2					455w		
	d-e 2					498w		
Yellow Brook	YB					552w		
	c-d 2							
	c 3						764w/p	
Yellow Lake	YL					247w		
	b-c 2							
	c-d 2					44w		
	d 2					307w		
	e 2					28w/t		
	b-c 3						355w/p	
	c-d 3						434w/p	
	d-e 3						187w/p	
	b-c 4						475p/w	
	c-d 4						594p/w	
	d 4						108p/w	
	d-e 4						183p/w	
	e-f 4						68p/w	
		35,028	58,620	129,495	179,350	198,614	353,766	33,650

Symbols

c - Adverse climate
d - Undesirable permeability or structure, depth of rooting zone
f - Low fertility
i - Flooding (inundation)
m - Droughtiness
p - Stoniness
r - Shallowness to bedrock
s - Combination of two or more of depth of rooting, fertility, and droughtiness
t - Topography
w - Excess moisture

Table 12. Ratings[1] of the soils for production of various crops

Soils	Potatoes	Green peas	Other hoed crops	Grain	Hay	Pasture	Special problems[2]
			1. Very good				
Caribou	A	A	A	A	A	A	Erosion (b-c)
Flemming	A	A	A	A	A	A	
Holmesville	A	A	A	A	A	A	Erosion (a), topography (a-c)
Interval	A	A	A	A	A	A	Flooding (b)
Jardine	A	A	A	A	A	A	Erosion (c), topography (a)
Kedgwick	A	A	A	A	A	A	Erosion (c), topography (a)
Maliseet	A	A	A	A	A	A	
Monquart	A	A	A	A	A	A	Erosion (b)
Thibault	A	A	A	A	A	A	Erosion (c)
Victoria	A	A	A	A	A	A	Erosion (b)
			II. Good				
Bellefleur	B	B	B	A	A	A	Physical properties (b)
Benedict	B	B	B	B	B	B	Stoniness (a-c), climate (b)
Boston Brook	B	B	C	A	A	A	Stoniness (a-c), topography (b)
Bottomland	B	C	C	A	A	A	Stoniness (a-c), topography (b)
Britt Brook	B	C	C	B	A	A	Flooding (c), drainage (b-c)
Carlingford	B	C	C	B	A	A	Drainage (b)
Guercheville	C	C	C	B	A	A	Drainage (b)
Marquail	B	B	B	B	B	B	Shallowness (a-c), erosion (c), topography (b)
Irving	B	B	B	A	A	A	Stoniness (a-c), topography (a-c)
Johnville	C	B	C	B	A	A	Drainage (b)
Kingsclear	C	C	C	B	A	A	Physical properties (c), drainage (a)
Martial	C	B	C	B	A	A	Drainage (b)
McCluskey	C	B	C	B	A	A	Drainage (b)
Muck	A	B	A	B	B	B	Drainage (c), acidity (c)
Muniac	B	B	B	B	B	B	Draughtiness (b), topography (a-b)
Parleeville	A	B	B	B	B	B	Draughtiness (b), shallowness (b)
Quisibis	B	B	C	B	B	A	Shallowness (b), topography (a-c)
Serpentine	B	B	C	B	A	A	Stoniness (a-c), topography (a-c)
St. Quentin	B	A	A	B	B	B	Drainage (c)
Tobique	B	B	B	B	C	C	Draughtiness (b)
Tuadook	B	B	B	B	A	A	Stoniness (a-c), topography (a-c)

Table 12. Ratings[1] of the soils for production of various crops (continued)

Soils	Potatoes	Green peas	Other hoed crops	Grain	Hay	Pasture	Special problems[2]
Undine	B	B	B	B	B	B	Shallowness (c), erosion (c)
			III. Fair				
Clearwater	C	C	D	B	B	B	Stoniness (a-c), topography (b)
Dubé	C	C	D	B	A	A	Drainage (b), shallowness (b-c)
Ennishore	C	C	D	B	B	B	Drainage (b)
Gagetwon	C	C	C	C	C	C	Draughtiness (b), stoniness (a-c)
Glassville	C	C	D	B	B	B	Stoniness (a-c), topography (a-c)
Grand Falls	B	B	B	B	C	C	Draughtiness (b), fertility (b)
Gulquac	B	B	C	B	C	C	Draughtiness (b), fertility (b)
McGee	C	C	C	B	B	B	Stoniness (a-c), topography (a-c)
Nickle Mills	C	C	D	B	B	B	Drainage (b)
Ogilvie Lake	C	D	D	C	B	B	Stoniness (a-c), drainage (b)
Peat	B	B	B	C	C	C	Drainage (c), acidity (c)
Portage Lake	C	D	D	C	C	B	Stoniness (a-c), drainage (b)
Siegas	C	C	D	B	A	A	Physical properties (b)
Sirois	C	C	C	C	B	B	Drainage (b)
St. Amand	D	D	D	B	A	A	Drainage (b), physical properties (b)
Waasis	C	C	D	B	B	B	Drainage (b), flooding (b)
Wapske	C	C	C	C	B	A	Drainage (b-c)
			IV. Poor				
Babbit Brook	D	D	D	D	C	C	Drainage (c), stoniness (b-c)
Blue Mountain	D	D	D	C	B	B	Drainage (b), stoniness (a-c)
Bourgoin	D	D	D	C	C	B	Drainage (c)
Coté	D	D	D	D	C	B	Drainage (c)
Cyr	D	D	D	D	C	B	Drainage (c)
Five Fingers	D	D	D	C	B	B	Drainage (c), alkalinity (b)
Foreston	D	D	D	D	C	B	Drainage (c), stoniness (a-c)
Geary	C	D	D	C	C	B	Drainage (b), stoniness (a-c)
Island Lake	C	D	D	C	C	C	Stoniness (a-c), climate (b)
Jummet Brook	D	D	D	D	B	B	Stoniness (a-c), shallowness (c), drainage (b)
Juniper	D	D	D	D	B	B	Stoniness (b-c), shallowness (c), topography (a-c)

Table 12. Ratings[1] of the soils for production of various crops (concluded)

Soils	Potatoes	Green peas	Other hoed crops	Grain	Hay	Pasture	Special problems[2]
Lauzier	D	D	D	D	C	B	Drainage (c)
Long Lake	D	D	D	B	B	B	Stoniness (a-c), topography (a-c)
Midland	D	D	D	C	B	B	Drainage (b-c)
Nackawic	D	D	D	D	C	C	Drainage (c), physical properties (c)
Nason	D	D	D	C	C	B	Drainage (b), stoniness (a-c)
Penobsquis	D	D	D	D	C	C	Drainage (c)
Plaster Rock	D	D	D	C	B	B	Drainage (b), physical properties (b)
Poitras	D	D	D	D	C	B	Drainage (c)
Restone	D	D	D	C	B	B	Stoniness (a-c), topography (a-c)
Rob	D	D	D	D	C	C	Drainage (c)
Salmon	D	D	D	C	B	B	Drainage (b), physical properties (c)
Skin Gulch	D	D	D	C	B	A	Stoniness (a-b), drainage (b-c)
Temiscouata	D	D	D	C	B	B	Stoniness (a-c), drainage (b)
Trafton	D	D	D	D	C	B	Drainage (c)
Washburn	D	D	D	C	B	B	Drainage (c)
Yellow Brook	D	D	D	C	B	B	Drainage (b), stoniness (a-b)
			V. Very Poor				
Adder	D	D	D	D	D	C	Stoniness (c), drainage (b)
Colter Mountain	D	D	D	D	D	C	Stoniness (c), drainage (c)
Goodfellow	D	D	D	D	D	D	Stoniness (c)
Jenkins	D	D	D	D	D	C	Stoniness (c), drainage (c)
Kintore	D	D	D	D	D	D	Shallowness (c), topography (c)
McKiel	D	D	D	D	D	C	Stoniness (b-c), drainage (c)
Yellow Lake	D	D	D	D	D	C	Drainage (c), stoniness (a-c)

[1] A, very good; B, good; C, fair; D, unsuitable.

[2] a, slight; b, moderate; c, acute.

Table 13. Ratings of the soils for forest productivity

Soils	White spruce	Black spruce	Balsam fir	Sugar maple
Adder	F	G	G	P
Babbit Brook	F-P	G-F	F	N.S.
Bellefleur	F-G	F-G	F-G	F
Benedict	G	G	G	F-G
Blue Mountain	G	G	G	F
Boston Brook	G	G	G	F
Bottomland	F-G	F-G	F-G	F-P
Bourgoin	F-P	F	F-P	N.S.
Britt Brook	G	G	G	G
Caribou	G	G	G	G
Carlingford	G	G	G	G-F
Clearwater	F-G	F-G	F-G	F-G
Colter Mountain	F	F-G	F	N.S.
Coté	F-P	F	F-P	N.S.
Cyr	P	F	F-P	N.S.
Dubé	F	G	F	F
Ennishore	G-F	G-F	G-F	N.S.-P
Five Fingers	P	P	P	N.S.
Flemming	F-G	F-G	F-G	F-G
Foreston	P	P	P	N.S.
Gagetown	F	F-G	F-G	F
Geary	F	F-G	F-G	F-P
Glassville	G	G	G	G
Goodfellow	F	F	F	F-P
Grand Falls	F	F	G	G
Guercheville	F	G	G	F-P
Gulquac	F-G	F-G	F-G	F-G
Harquail	F	F	F	F
Holmesville	G	G	G	G
Interval	G	G	G	F
Irving	F	F	F	F
Island Lake	F-G	F-G	F-G	F-G
Jardine	G	G	G	G
Jenkins	P	F	P	N.S.
Johnville	F-G	G	G	F
Jummet Brook	G	G	G	F
Juniper	F	F	F	G
Kedgwick	G	G	G	G

See last page of this table for explanation of symbols.

Table 13. Ratings of the soils for forest productivity (continued)

Soils	White spruce	Black spruce	Balsam fir	Sugar maple
Kintore	P	P	P	P
Kingsclear	F-G	G	F	F
Lauzier	F-P	F	F-P	N.S.
Long Lake	G	G	G	G
Maliseet	F-G	F	F-G	F-G
Martial	F-G	F-G	F-G	P
McCluskey	G-F	G	G-F	F
McGee	G	G	G	G
McKiel	F-P	F-P	F-P	N.S.
Midland	F	F-G	F	N.S.
Monquart	G	G	G	G
Muck		Cedar good		
Muniac	F	F	F	F
Nackawic	F-P	F	F-P	N.S.
Nason	G-F	G-F	G-F	F
Nickle Mills	G	F	F	P
Ogilvie Lake	F	F	F	F
Parleeville	F	F	F	F
Peat	P-N.S.	P-N.S.	P-N.S.	N.S.
Penobsquis	F-P	F	F-P	N.S.
Plaster Rock	F	F	F	P
Poitras	P	F	F-P	N.S.
Portage Lake	F-G	G	G-F	F
Quisibis	G	G	G	G
Redstone	G	G	G	F
Riley Brook	F	G	G	P
Rob	F-P	F-P	F-P	N.S.
Salmon	F	G	F-G	P
Siegas	F	G	F-G	F
Serpentine	G	G	G	G
Sirois	G	G	G	F
Skin Gulch	F	G	F	N.S.
St. Amand	F-G	F-G	F-G	P
St. Quentin		Cedar good		
Temiscouata	F	G	G	P
Thibault	G	G	G	G
Tobique	F	F-P	F	F
Trafton	F-P	F	F-P	N.S.
Tuadook	G	G	G	G
Undine	F	F	F	F
Victoria	G	G	G	G
Waasis	P-G	F-G	F-G	P-N.S.

Table 13. Ratings of the soils for forest productivity (concluded)

Soils	White spruce	Black spruce	Balsam fir	Sugar maple
Wapske	F-P	F	F-P	N.S.
Washburn	F-P	F	F-P	N.S.
Yellow Brook	F-P	G	F-G	N.S.
Yellow Lake	P	F-P	F-P	N.S.

G - Good P - Poor
F - Fair N.S. - Not suitable

Table 14. Soil suitability for recreation development

Mapping unit	Class of slope	Class of stoniness or rockiness or both	Undeveloped tent sites	Developed tent and picnic areas	Trailer park sites	Camp or cottage sites	Playing field, shooting ranges	Golf courses	Small pond building	Roads, Rec. - Farm - Forest
Adder	a-d	1-2	B-D	B-D	C	B-C	C	B-C	C	B
	a-d	3-4	B-D	C-D	C-D	B-D	D	C	C	B
	e	3-4	D	D	D	B	D	D	C	B-C
Babbit Brook	a-d	1-2	B-D	C-D	C-D	D	D	D	C	D
	e	1-2	D	D	D	D	D	D	D	D
	a-d	3-4	D	D	D	D	D	D	C	D
Bellefleur	a-d	0-1	B	C	C	C	B	B	A	C
	e	0-1	D	C	C	C	D	B	C	C
Benedict	a-d	0-2	A	A	A	A	B	A	D	A
	a-d	3-4	D	C	D	B	D	C	D	B
Blue Mountain	a-d	2	B-D	B-D	B-D	B-D	C-D	B-D	A	C
	a-d	3-4	B-D	D	D	C-D	D	B-D	B	C
Boston Brook	a-d	1-2	A	A	A	B	A	A	B	A
	e	1-2	D	D	D	B	D	B	C	B
	f-g	1-2	D	D	D	D	D	D	D	D
	a-d	3-4	A	B	B	B	C-D	D	B	A
	e	3-4	D	D	D	B	D	D	C	B
	f	3-4	D	D	D	D	D	D	D	D
Bottomland	A-D	0-3	C-D	D	D	D	B-D	C-D	C	D
Bourgoin	a-d	0-2	D	D	D	D	D	D	A	C-D
Britt Brook	a-d	1-2	A	A	A	A	A-B	A	D	A
	e	1-2	D	C	C	A	D	A	D	B
	f-g	1-2	D	D	D	C-D	D	C-D	D	C-D
	a-d	3-4	B	C	C	A	C	C	D	A
	e	3-4	D	C	C	A	D	D	D	B
	f-g	3-4	D	D	D	D	D	D	D	C-D
Caribou	a-d	0-2	A	A	A	A	A-B	A	D	A
	e	0-2	D	C	C	B	D	A	D	B
	f-g	0-2	D	D	D	C-D	D	C	D	C
Carlingford	a-d	1-2	D	D	D	D	D	B	A	C
	e	1-2	D	C	C	B	D	C	C	C

See last page of this table for an explanation of symbols.

Table 14. Soil suitability for recreation development (continued)

Mapping unit	Class of slope	Class of stoniness or rockiness or both	Undeveloped tent sites	Developed tent and picnic areas	Trailer park sites	Camp or cottage sites	Playing field, shooting ranges	Golf courses	Small pond building	Roads, Rec. - Farm - Forest
Clearwater	a-d	2	A	A	A	A	A-B	A	D	A
	e	2	D	C	C	A	D	A	D	B
	f-g	2	D	D	D	C-D	D	C-D	D	C-D
Colter	a-d	2	D	D	D	D	D	D	A	D
Mountain	a-d	3-4	D	D	D	D	D	D	B	D
Coté	a-d	1-2	D	D	D	D	D	D	C	D
Cyr	a-d	0-2	D	D	D	D	D	D	C	C
Dubé	a-d	1-2	B-D	B-D	B-D	B-D	C-D	B-D	B	B-C
	e	1-2	D	C-D	C-D	B-D	D	B-D	D	C
	f	1-2	D	D	D	D	D	D	D	D
Ennishore	a-d	0-2	B-C	B-C	B-C	B-C	B-C	B-C	D	B-C
	e	0-2	D	C	C	B-C	D	B	D	C
Five Fingers	a-d	0-2	D	D	D	D	D	D	A	D
Flemming	a-d	0	A	A	A	A	A-B	A	D	A-C
	e	0	D	C	C	A	D	A	D	C
Foreston	a-d	3-4	D	D	D	D	D	D	A	D
Gagetown	a-d	1-2	A	A	A	A	A-B	B	D	A
	e	1-2	D	C	C	A	D	B	D	B
	f-g	1-2	D	D	D	C-D	D	D	D	D
	a-d	3-4	B	C	C	B	C	D	D	A
	e	3-4	D	D	D	B	D	D	D	B
	f-g	3-4	D	D	D	C-D	D	D	D	C-D
Geary	a-d	1-2	B-C	B-C	B-C	B-C	C-D	B-D	D	B-C
	e	1-2	D	C-D	C-D	B-C	D	B-D	D	C
	a-d	3-4	C-D	C-D	C-D	B-C	D	D	D	B-C
	e	3-4	D	D	D	B-C	D	D	D	C
Glassville	a-d	1-2	A	A	A	A	A	A	C	A
	e	1-2	D	C	C	B	D	C	D	C
	f-g	1-2	D	D	D	D	D	D	D	C
	a-d	3-4	B	C	C	B	D	D	D	B
	e	3-4	D	C	C	C	D	D	D	C
	f-g	3-4 I-II	D	D	D	C-D	D	D	D	C-D

Table 14. Soil suitability for recreation development (continued)

Mapping unit	Class of slope	Class of stoniness or rockiness or both	Undeveloped tent sites	Developed tent and picnic areas	Trailer park sites	Camp or cottage sites	Playing field, shooting ranges	Golf courses	Small pond building	Roads, Rec. - Farm - Forest
Goodfellow	a-d	4	D	D	C	D	D	D	B	C
	e	4	D	D	D	D	D	D	C	D
	f	4	D	D	D	D	D	D	D	D
Grand Falls	a-d	1-2	A	A	A	B	A-B	B	D	A
	e	1-2	D	C	C	C	D	C	D	B
	e	3	D	D	D	C	D	D	D	B
Guercheville	a-d	1-2	B-D	B-D	B-D	B-D	C-D	B-D	C	B
	e	1-2	D	D	D	B-D	D	B-D	D	C
Gulquac	a-d	1-2	A	A	A	B	A-B	B	D	A
Harquail	a-d	1-2	A	C	C	C	C	C	D	A
	e	1-2	D	C	D	C	D	C	D	C
	f	1-2	D	D	D	D	D	D	D	C-D
Holmesville	a-d	0-2	A	A	A	A	A	A	B	A
	e	0-2	D	C	C	B	D	A	C	B
	f-g	0-2	D	D	D	C-D	D	C-D	D	C-D
	a-d	3-4	B	C	C	A	C	D	B	A
	e	3-4	D	C	C	A	D	D	C	B
	f-g	3-4	D	D	D	C-D	D	D	D	C-D
Interval	A-B	0	A	C	D	D	B	D	D	C
Irving	a-d	2	A	A	A	A	B	A	D	A
	e	2	D	C	C	B	D	A	D	B
	a-d	3-4	B	C	C	A	C	B-D	B	A
	e	3-4	D	C	C	B	D	D	C	B
	f	3-4	D	D	D	C	D	D	D	D
	e-f	4 I-II	D	D	D	D	D	D	D	D
Island Lake	a-d	2	A	A	A	A	A	A	D	A
	a-d	3-4	B	B	B	A	C	C	D	A
	e	3-4	D	D	D	B	D	D	D	C
	f	3-4	D	D	D	C	D	D	D	D
Jardine	a-d	0-2	A	B	B	B	B	A	B	B
	e	0-2	D	C	C	C	D	A	C	B
Jenkins	a-d	3-4	D	D	D	D	D	D	D	D
	e	3-4	D	D	D	D	D	D	D	D
Johnville	a-d	1-2	B-D	B-D	B-D	B-D	C-D	B-D	A	B-C
	e	1-2	D	C-D	C-D	B-D	D	B-D	C	C
	a-d	3-4	B-D	D	D	C-D	D	B-D	B	B-C

Table 14. Soil suitability for recreation development (continued)

Mapping unit	Class of slope	Class of stoniness or rockiness or both	Undeveloped tent sites	Developed tent and picnic areas	Trailer park sites	Camp or cottage sites	Playing field, shooting ranges	Golf courses	Small pond building	Roads, Rec. - Farm - Forest
Jummet Brook	a-d	3-4	C	C	C	B-D	B-D	D	C-D	B
	e	3-4	D	D	D	C-D	D	D	D	C
	f	3-4	D	D	D	D	D	D	D	D
	a-d	4 I	C	D	D	C-D	D	D	C-D	C
	f	4 I-II	D	D	D	D	D	D	D	D
Juniper	a-d	2-4	A-C	C-D	C-D	C	C	C-D	D	A-C
	e	2-4	D	D	D	C	D	C-D	D	C
	f-g	2-4	D	D	D	C-D	D	C-D	D	B
	a-d	3 II	D	D	D	D	D	D	D	D
	e	3-4 II	D	D	D	D	D	D	D	D
	f-g	3-4 II	D	D	D	D	D	D	D	D
Kedgwick	a-d	0-2	A	B	B	B	B	A	B	B
	e	0-2	D	C	C	B	D	A	C	B
Kintore	e-g	3-4	D	D	D	D	D	D	D	D
Kingsclear	a-d	1-2	A	C	C	B-C	B-C	A-B	A	B
	e	1-2	D	C	C	B-C	D	A-B	C	B
	f	1-2	D	D	D	D	D	C	D	B
Lauzier	a-d	1-2	D	D	D	D	D	D	A	D
Long Lake	a-d	0-2	A	A	A	A	A	A	B	A
	e	0-2	D	C	C	B	D	A	C	B
	a-d	3-4	B	C	C	A	C	D	B	A
	e	3-4	D	C	C	A	D	D	D	B
Maliseet	a-d	0-2	A	A	A	A	A-B	A	D	A
	e	0-2	D	C	D	B	D	A	D	C
Martial	A-D	0-1	B-C	C-D	C-D	C-D	C-D	C-D	C	B-C
McCluskey	a-d	1-2	C	B-C	B-C	B-C	C	B-C	C	C
McGee	a-d	1-2	A	A	A	A	A-B	A	D	A
	e	1-2	D	C	C	A	D	A	D	B
	f-g	1-2	D	D	D	C-D	D	C-D	D	C
	a-d	3-4	B	C	C	A	C	C	D	A
	e	3-4	D	D	C	A	D	D	D	B
McKiel	a-d	2-4	D	D	D	D	D	D	B	D
Midland	a-d	1-2	B-C	B-D	B-D	B-C	C	B-C	A-B	B
	a-d	3-4	B-C	C-D	C-D	C	D	C	A-B	B

Table 14. Soil suitability for recreation development (continued)

Mapping unit	Class of slope	Class of stoniness or rockiness or both	Undeveloped tent sites	Developed tent and picnic areas	Trailer park sites	Camp or cottage sites	Playing field, shooting ranges	Golf courses	Small pond building	Roads, Rec. - Farm - Forest
Monquart	a-d	1-2	A	A	A	A	A-B	A	B	A
	e	1-2	D	C	C	A	D	A	D	B
	f	1-2	D	D	D	C	D	C	D	C
Muck	A-B	0	D	D	D	D	D	D	D	D
Muniac	a-d	0-2	A	A	A	B	A-B	B	D	A
	e	0-2	D	C	C	C	D	C	D	B
	f-g	0-2	D	D	D	C-D	D	C-D	D	C-D
Nackawic	a-d	1-2	D	D	D	D	D	D	A	C-D
Nason	a-d	1-2	C	B-C	B-C	B-C	C	B-C	C	C
	e	1-2	D	C-D	C-D	C-D	D	B-C	D	C
	a-d	3-4	C	C-D	C-D	C	D	D	D	B
	e	3-4	D	D	D	C-D	D	D	D	C
	f	3-4	D	D	D	D	D	D	D	D
Nickle Mills	a-d	1-2	D	D	D	D	D	D	A-B	C-D
Ogilvie Lake	a-d	2	C	B-C	B-C	B-C	C	B-C	C	B
	e	2	D	C-D	C-D	C-D	D	B-C	D	C
	a-d	3-4	C	C-D	C-D	C	D	D	D	B
	e	3-4	D	D	D	C-D	D	D	D	C
	f	3-4	D	D	D	D	D	D	D	D
Parleeville	a-d	0-2	A	A	A	A	A	A	D	A
	e	0-2	D	C	C	B	D	B	D	B
	f	0-2	D	D	D	C	D	C-D	D	C
	e	3-4	D	D	D	B	D	D	D	B
	f	3-4	D	D	D	C-D	D	D	D	C
Peat	A	0-2	D	D	D	D	D	D	D	D
Penobsquis	a-d	2-3	D	D	D	D	D	D	C-D	B-C
	e	2-3	D	D	D	D	D	D	D	B-C
Plaster Rock	a-d	2	C	D	D	D	D	D	A	D
Poitras	a-d	0-2	D	D	D	D	D	D	A	D
	a-d	3-4	D	D	D	D	D	D	B	D

Table 14. Soil suitability for recreation development (continued)

Mapping unit	Class of slope	Class of stoniness or rockiness or both	Undeveloped tent sites	Developed tent and picnic areas	Trailer park sites	Camp or cottage sites	Playing field, shooting ranges	Golf courses	Small pond building	Roads, Rec. - Farm - Forest
Portage Lake	a-d	2	C	B-C	B-C	B-C	C	B-C	C	B
	e	2	D	C-D	C-D	C-D	D	B-C	D	C
	a-d	3-4	C	C-D	C-D	C	D	D	D	B
	e	3-4	D	D	D	C-D	D	D	D	C
Quisibis	a-d	1-2	A	C	C	C	C	B	D	A
	e	1-2	D	C	C	C	D	C	D	C
	f-g	1-2	D	D	D	C-D	D	C-D	D	C-D
	f-g	3 II	D	D	D	C-D	D	D	D	C
Redstone	a-d	2	B-D	B-D	B-D	B-D	C-D	B-D	A	B-C
	a-d	3-4	B-D	D	D	C-D	D	D	A	B-C
	e	3-4	D	D	C-D	C-D	D	D	D	C
	f	2	D	D	D	D	D	D	D	D
Riley Brook	a-d	0-2	A	A	B	B	A	A	A-B	C
Rob	a-d	2-3	D	D	D	D	D	D	A	D
Salmon	a-d	1-2	C	D	D	C	C-D	C	A	C
Siegas	a-d	1-2	B	C	C	B	C	B	A	B
	e	1-2	D	C	C	B	D	B	C	C
Serpentine	a-d	1-2	A	A	A	A	A	A	B	A
	e	1-2	D	D	D	B	D	A	C	B
	a-d	3-4	A	B	B	B	B	D	B	A
	e	3-4	D	D	D	C	D	D	C	B
	f-g	3-4	D	D	D	C-D	D	D	D	C-D
Sirois	a-d	0-2	B-D	B-D	B-D	B-D	B-D	D	B-C	B-C
	e	0-2	D	C-D	C-D	B-D	D	B-D	D-C	C
Skin Gulch	a-d	2	B-C	C	C	C	B-C	B-C	B	B
	a-d	3	C	C	C	C	B-C	B-C	B	B
	e	3	D	D	D	D	D	D	D	C
	f	3	D	D	D	D	D	D	D	D
St. Amand	a-d	0-2	B-C	C	C	C	C	C	A	B-C
St. Quentin	A-B	0	D	D	D	D	D	D	D	D
Temiscouata	a-d	1-2	B	C	C	B-C	C	C	B	B
	e	1-2	D	D	D	B-C	D	C	D	C
	a-d	3-4	B	C-D	C-D	B-C	D	D	B	C
	e	3-4	D	D	D	B-C	D	D	D	C
	f	3-4	D	D	D	D	D	D	D	D

Table 14. Soil suitability for recreation development (concluded)

Mapping unit	Class of slope	Class of stoniness or rockiness or both	Undeveloped tent sites	Developed tent and picnic areas	Trailer park sites	Camp or cottage sites	Playing field, shooting ranges	Golf courses	Small pond building	Roads, Rec. - Farm - Forest
Thibault	a-d	2	A	A	A	A	A-B	A	B	A
	e	2	D	C	C	A	D	A	D	B
	f	2	D	D	D	C	D	C	D	C
	a-d	3	A	A	A	A	D	D	B	A
	e	3	D	C	C	A	D	D	D	B
	f	3	D	D	D	C	D	D	D	C
Tobique	a-d	1-2	A	A	A	A	A	A	C	A
	e	1-2	D	C	C	A	D	A	D	B
Trafton	a-d	1-2	D	D	D	D	D	D	B	D
	e	1-2	D	D	D	D	D	D	D	D
	a-d	3-4	D	D	D	D	D	D	D	D
	e	3-4	D	D	D	D	D	D	D	D
Tuadook	a-d	2	A	A	A	A	A	A	B	A
	e	2	D	C	C	B	D	A	C	B
	f	2	D	D	D	C-D	D	C-D	D	C-D
	a-d	3-4	B	C	C	A	C	D	B	A
	e	3-4	D	C	C	A	D	D	C	B
	f	3-4	D	D	D	C-D	D	D	D	C-D
Undine	a-d	0-2	A	C	C	C	C	B	D	A
	e	0-2	D	C	C	B	D	C	D	C
	f-g	0-2	D	D	D	C-D	D	C-D	D	C
Victoria	a-d	1-2	A	A	A	A	A	A	D	A
	e	1-2	D	C	C	A	D	A	D	B
	f	1-2	D	D	D	C	D	C-D	D	C
	a-d	3-4	B	B	C	C	C	C	D	A
	e	3-4	D	D	D	A	D	D	D	B
Waasis	A-B	0	C	C-D	C-D	D	B-C	B-C	D	C-D
Wapske	A-B	0	D	D	D	D	C-D	C-D	C	C-D
Washburn	a-d	1-2	D	D	D	D	D	D	A	D
Yellow Brook	a-d	2	D	D	D	D	D	C-D	A	D
	e	2	D	D	D	D	D	C-D	D	C-D
	e-f	4	D	D	D	D	D	D	D	C-D
Yellow Lake	a-d	1-2	D	D	D	D	D	D	C	D

I - Rocky 1
II - Rocky 2

A - good (slight limitation)
B - fair (moderate limitation)
C - poor (severe limitation)
D - very poor (very severe limitation)

Table 15. Soil suitability for urban and industrial development

Soils	Class of slope	Class of stoniness	Septic sewage disposal	Lagoon sewage disposal	Dumps and junk yards	House building septic tank	House building public sewage disposal	Pipe and sewer lines	Heavy building sites	Telephone and power lines (buried)
Adder	a-d	2	C	C	B	D	C	B	B	B
	a-d	3-4	D	D	B	D	C	D	B	D
	e-f	3-4	D	D	D	D	D	D	C	D
Babbit Brook	b-d	2	D	D	D	D	D	B	D	C
	e	2	D	D	D	D	D	B	D	C
	b-d	3-4	D	D	D	D	D	C	D	D
Bellefleur	a-b	1-2	D	A	D	D	C	A	D	A
	c-d	1-2	D	B	D	D	C	C	D	A
Benedict	a-d	0-2	B	D	D	B	A	C	C	A
	a-d	3-4	B	D	D	B	A	C	C	B
Blue Mountain	a-d	2	D	B	B	D	C	C	C	B
	a-d	3-4	D	D	D	D	C	C	C	B
Boston Brook	a-d	2	C	B	A	C	B	A	A	A
	e	2	C	C	B	C	B	A	A	A
	f-g	2	D	D	D	D	B	B	C	C
	a-d	3-4	C	B	A	C	B	A	A	B
	e	3-4	C	C	B	C	B	A	A	B
	f	3-4	D	D	D	D	B	B	C	C
Bottomland	A-B		D	D	D	D	D	D	D	D
Bourgoin	a-d	1-2	D	B	D	D	D	D	D	D
Britt Brook	a-e	1-2	A	D	D	A	A	A	A	A
	f-g	1-2	C-D	D	D	C	C	A	C-D	A
	f-g	3-4	D	D	D	D	C	B	C-D	C
Caribou	a-e	1-2	B	D	C	A	A	A	A	A
	f	1-2	C	D	D	C	C	B	B	B
	g	1-2	D	D	D	D	D	C	D	D
Carlingford	a-b	1-2	D	C	C	C	A	B	B	B
	c-d	1-2	D	D	C	C	A	B	B	B
Clearwater	a-e	2-4	A	D	D	A	A	A	A	A
	f-g	2-4	D	D	D	C	C	A	C-D	A

See last page of this table for an explanation of symbols.

Table 15. Soil suitability for urban and industrial development (continued)

Soils	Class of slope	Class of stoniness	Septic sewage disposal	Lagoon sewage disposal	Dumps and junk yards	House building septic tank	House building public sewage disposal	Pipe and sewer lines	Heavy building sites	Telephone and power lines (buried)
Colter Mountain	a-d	2	D	D	D	D	D	D	D	D
	a-d	3-4	D	D	D	D	D	D	D	D
Coté	a-d	1-2	D	D	D	D	C-D	C	D	C
Dubé	a-b	1-2	D	C	C	C	A	B	B	B
	c-d	1-2	D	D	C	C	A	B	B	B
Ennishore	a-d	1-2	C	D	D	C	B	C	B	B
	f	1-2	D	D	D	D	B	C	C	B
Five Fingers	a-c	1-2	D	A	A	D	C	A	B	B
	d	1-2	D	B	A	D	B	A	B	B
	e	1-2	D	C	B	D	B	A	B	B
Flemming	a-b	1-2	C	C	C	C	B	C	C	A
	c-e	0-2	C	C	C	C	B	C	C	A
Foreston	a-d	3-4	D	D	D	D	D	C	C	D
Gagetown	a-e	1-2	B	D	D	B	A	C	A	A
	f	1-2	C	D	D	C	C-B	C	C-B	A
Geary	a-d	1-2	C	D	D	C	B	C	B	B
Glassville	a-d	1-2	A	D	B	A	A	A	F	A
	f-g	1-2	D	D	D	D	C-D	C	C-D	B
	a-e	3-4	C	D	B	C	B	B	F	C-D
	f-g	3-4	D	D	D	D	D	D	D	D
Goodfellow	a-d	4	D	D	D	D	D	C	C	D
	e	4	D	D	D	D	D	C	C	D
	f	4	D	D	D	D	D	D	D	D
Grand Falls	a-e	1-2	B	D	D	B	A	B	A	A
	f	1-2	C	D	D	C	B	C	B	A
	g	1-2	D	D	D	D	D	C	D	A
Guercheville	a-d	2	D	D	C	D	D	B	C	C
	e	2	D	D	D	D	D	B	C	C
Gulquac	a-e	1-2	B	D	D	B	A	C	A	A

Table 15. Soil suitability for urban and industrial development (continued)

Soils	Class of slope	Class of stoniness	Septic sewage disposal	Lagoon sewage disposal	Dumps and junk yards	House building septic tank	House building public sewage disposal	Pipe and sewer lines	Heavy building sites	Telephone and power lines (buried)
Harquail	a-d	1-2	D	D	D	D	C	C	B	C
	e-f	1-2	D	D	D	D	C	C	C	C
Holmesville	a-d	1-2	C	B	A	C	A	A	A	A
	e	1-2	C	C	B	B	A	A	A	A
	f	1-2	C	D	C	C	C	B	C	B
	g	1-2	D	D	D	D	D	C	D	C
	a-d	3-4	C	B-C	B	C	A	A	A	C
	e	3-4	C	C-D	B	C	A	A	A	C
Interval	A-D	0	D	D	D	D	D	A	D	A
Irving	a-d	2	A	C	B	A	A	A	B	A
	e	2	A	D	B	A	A	A	B	A
	a-d	3-4	C	D	B	C	B	B	B	C
	e	3-4	C	D	B	C	B	B	B	C
	f	3-4	D	D	D	D	C	C	C	C
Island Lake	a-d	3-4	C	D	D	B	C	B	C	C
	e	3-4	D	D	D	C	C	B	C	C
	f	3-4	D	D	D	D	D	C	D	C
Jardine	a-d	1-2	C	B	B	C	B	A	A	A
	e	1-2	C	C	C	C	B	A	A	A
Jenkins	b-c	2	D	D	D	D	D	D	D	D
	b-d	3-4	D	D	D	D	D	D	D	D
Johnville	a-d	1-2	D	B	B	D	C	C	C	B
	e	1-2	D	D	D	D	C	C	C	B
Jummet Brook	a-d	3-4	D	D	C	D	D	C	C	D
	e	3-4	D	D	D	D	D	C	C	D
	f	3-4	D	D	D	D	D	D	D	D
	a-d	4 I	D	D	D	D	D	D	D	D
Juniper	a-d	2	B	D	B	B	B	C-B	C	B
	a-d	3-4	C	D	B	C	B	C-D	C	C
	e	3-4	C	D	D	C	B	C-D	C	C-D
Kedgwick	a-d	1-2	C	B	B	C	B	A	A	A
	e	1-2	C	C	C	C	B	A	A	A
	f	1-2	D	D	D	C	C	B	C	B

Table 15. Soil suitability for urban and industrial development (continued)

Soils	Class of slope	Class of stoniness	Septic sewage disposal	Lagoon sewage disposal	Dumps and junk yards	House building septic tank	House building public sewage disposal	Pipe and sewer lines	Heavy building sites	Telephone and power lines (buried)
Kintore			D	D	D	D	D	D	D	D
Kingsclear	a-d	1-2	D	A-B	C	D	B	B	B	A
	e	1-2	D	C	C	D	A	B	B	A
	f	1-2	D	D	D	D	C	C	C	A
Lauzier	a-d	1-2	D	D	D	D	D	C	D	D
Long Lake	a-e	2	C	B	A-B	C	A	A	A	A
	a-e	3-4	C	B-C	A-B	C	A	A	A	B
Maliseet	a-e	0-2	B	D	D	B	A	C	C	A
Martial	a-e	0-2	D	C	D	D	D	C	D	A
McCluskey	a-d	1-2	D	D	D	D	C	B	C	B
McGee	a-d	1-2	A	D	C	A	A	A	A	A
	e	1-2	A	D	C	A	A	A	A	A
	f-g	1-2	D	D	D	D	B-D	B	C	C
	a-d	3-4	C	D	C	C	B	B	B	C
	e	3-4	C	D	D	C	B	B	B	C
McKiel	a-d	2-4	D	D	D	D	D	D	D	D
Midland	a-d	1-2	D	D	D	D	D	B	C	C
	a-d	3-4	D	D	D	D	D	C	C	C
Monquart	a-d	1-2	A	D	B	A	A	A	A	A
	e	1-2	A	D	B	A	A	A	A	A
	f	1-2	D	D	D	D	B	B	B	B
Muck	A-B	0	D	D	D	D	D	D	D	D
Muniac	a-e	0-2	B	D	D	B	A	C	A	A
Nackawic	a-d	1-2	D	C-D	D	D	D	C	D	C
Nason	a-d	1-2	D	D	D	D	D	B	C	C
	e	1-2	D	D	D	D	D	B	C	C
	a-d	3-4	D	D	D	D	D	C	C	C
	e	3-4	D	D	D	D	D	C	D	C
	f	3-4	D	D	D	D	D	D	D	D

Table 15. Soil suitability for urban and industrial development (continued)

Soils	Class of slope	Class of steniness	Septic sewage disposal	Lagoon sewage disposal	Dumps and junk yards	House building septic tank	House building public sewage disposal	Pipe and sewer lines	Heavy building sites	Telephone and power lines (buried)
Nickle Mills	a-d	1-2	D	C	D	D	D	B	C	B
Ogilvie Lake	a-e	2-4	D	D	D	C	B	C	B	B
	f	2-4	D	D	D	D	D	C	C-D	C
Parleeville	a-d	0-2	A-D	C	C	C	A	B	A	B
	e	0-2	A-D	C	D	C	A	B	A	B
	f	0-2	D	D	D	D	B	C	B	B
	e	3-4	D	D	D	D	B	C	B	C
	f	3-4	D	D	D	D	C	C	C	C
Peat	A	0	D	D	D	D	D	D	D	D
Penobsquis	a-d	1-2	D	D	D	D	D	C	D	D
Plaster Rock	a-d	1-2	D	B	C	D	D	C	C	B
Poitras	a-d	1-2	D	D	D	D	D	D	D	D
Portage Lake	a-e	2	D	D	D	C	B	C	B	B
	a-e	3-4	D	D	D	C	B	C	B	C
Quisibis	a-d	1-2	D	D	D	D	C	C	B	D
Redstone	a-d	2	D	C	D	D	D	B	C	B
	a-d	3-4	D	D	D	D	D	C	C	C
	e	3-4	D	D	D	D	D	C	C	C
Riley Brook	a-d	0-2	C	C	B	C	A	A	A	A
Rob	a-d	2-3	D	D	D	D	D	C	D	C
Salmon	a-d	1-2	D	B	A	D	B-C	B	C	B
Siegas	a-c	1-2	D	A	C	D	B	B	B	A
	d	1-2	D	B	C	D	B	B	B	A
	e	1-2	D	C	C	D	B	B	B	A
Serpentine	a-d	2	C	B	A	C	A	A	A	A
	a-d	3-4	D	C-D	A	D	B	A	A	B
	e-f	3-4	D	D	B	C	B	D	A	C
Sirois	a-d	1-2	C	D	D	C	B	C	B	A

Table 15. Soil suitability for urban and industrial development (continued)

Soils	Class of slope	Class of stoniness	Septic sewage disposal	Lagoon sewage disposal	Dumps and junk yards	House building septic tank	House building public sewage disposal	Pipe and sewer lines	Heavy building sites	Telephone and power lines (buried)
Skin Gulch	a-d	2	D	B	C	D	C	C	D	C
	a-d	3	D	B	C	D	C	C	D	C
	e	3	D	C	C	D	C	C	D	C
	f	3	D	D	C	D	D	C	D	D
St. Amand	a-d	1-2	D	A-B	C	D	C	C	C	B
St. Quentin	a-b	0	D	D	D	D	D	D	D	D
Temiscouata	a-e	1-2	C	D	C	D	D	B	C	A
	a-e	3-4	D	D	C	D	D	C	C	B
	f	3-4	D	D	D	D	D	D	D	C
Thibault	a-d	2	A	C	A	A	A	A	A	A
	e	2	A	D	B	A	A	A	A	A
	f	2	D	D	D	D	B	B	B	A
	a-d	3	B	D	A	B	B	B	B	B
	e	3	B	D	B	B	B	B	B	B
	f	3	D	D	D	D	C	C	C	B
Tobique	a-d	1-2	A	D	C	A	A	A	B	A
	e	1-2	A	D	D	A	A	A	B	A
Trafton	a-d	1-2	D	D	D	D	D	C	D	D
	e		D	D	D	D	D	C	D	D
	a-d	3-4	D	D	D	D	D	C	D	D
Tuadook	a-d	1-2	C	B	A	C	A	A	A	A
	e	2	C	C	B	B	A	A	A	A
	f	2	C	D	D	C	B	B	C	B
	a-d	3-4	D	C	B	D	A-D	B	A	C
	e	3-4	D	D	D	D	A-D	B	A	C
	f	3-4	D	D	D	D	D	C	C	C
Undine	a-d	1-2	D	D	D	D	C	C	B	D
	e-f	1-2	D	D	D	D	C	C	C	D
Victoria	a-d	1-2	A	D	C	A	A	A	A	A
	e	1-2	A	D	C	A	A	A	A	A
	f	1-2	D	D	D	D	B	B	B	A
	a-d	3-4	C	D	C	C	B	B	B	C
	e	3-4	C	D	D	C	B	B	B	C

Table 15. Soil suitability for urban and industrial development (concluded)

Soils	Class of slope	Class of stoniness	Septic sewage disposal	Lagoon sewage disposal	Dumps and junk yards	House building septic tank	House building public sewage disposal	Pipe and sewer lines	Heavy building sites	Telephone and power lines (buried)
Waasis	a-b	0	D	D	D	D	D	B	D	B
Wapske	a-d	0-1	D	D	D	D	D	D	C	B
Washburn	a-c	1-2	D	A-B	C	D	D	C	D	C
	d	1-2	D	B	C	D	D	C	D	D
Yellow Brook	a-e	2	D	D	C	D	D	C	D	D
	e-f	4	D	D	C	D	D	C	D	D
Yellow Lake	a-d	2-4	D	D	D	D	D	C	D	D

A - good (slight limitations)
B - fair (moderate limitations)
C - poor (severe limitations)
D - very poor (very severe limitations)

Table 16. Physical properties (engineering) of some soils of the area

Soils	Depth from surface inches	Sieve and hydrometer analysis											Sp gr pass #4 weighted	% Absorption	Atterberg limits and H.R.B.* classification			
		Stone	No. 10	No. 20	No. 40	No. 60	No. 100	No. 200	0.05 mm	0.02 mm	0.0005 mm	% Silt			Liquid limits	Plastic limits	Plasticity index	H.R.B.
Holmesville	36+	48.2	51.8	42.2	35.9	32.0	27.7	22.0	21.5	18.0	10.0	11.0	2.71	2.9	N.P.	N.P.		A-1-B
Flemming	36+	0.3	99.7	98.8	98.1	97.6	95.8	84.8	64.0	38.0	15.0	50.0	2.68	-	N.P.	N.P.		A-4(8)
Boston Brook	36+	32.3	67.7	58.5	51.7	46.9	41.7	35.3	28.0	19.0	9.0	9.0	2.66	2.9	N.P.	N.P.		A-2-4
Holmesville	48-60	37.4	62.6	64.5	48.4	44.2	39.4	33.6	30.0	19.0	9.0	21.0	2.66	3.2	N.P.	Plastic		A-2-4
Siegas	48-60	11.1	88.9	83.0	77.4	72.8	67.6	61.9	56.0	50.0	35.0	21.0	2.70		24.0	17.5	6.5	A-4(5)
Bellefleur	48-60	4.1	95.9	92.8	89.0	85.7	81.8	77.8	70.0	61.0	41.0	29.0	2.70		24.5	17.5	7.0	A-4(8)
Kingsclear	48-60	1.7	98.3	96.8	92.8	88.4	80.9	70.2	66.0	53.0	29.0	37.0	2.71		30.0	22.0	8.0	A-4(7)

Analyses done by N.B. Department of Public Works Soil Testing Laboratory.
Samples taken by Soil Survey Staff.
*Highway Research Board.

Table 17. Physical properties (engineering) of some soils of the area

Soils	Depth from surface, inches	Moisture density relations					Potential water-holding capacity, %	Air voids at optimum moisture, %	Void ratio	Total potential voids porosity, %	Strength tests C.B.R.	
		Density (lb/ft^3)			Moisture, %							
		Pass 3/4	Pass #4	Correct	Opt.	Correct					Optimum	Potentential
Holmesville	36+		116.0	121.0	12.0	10.7	17.0	9.2	0.460	31.5	39	4
Flemming	36+		108.5	108.5	15.0	15.0	20.6	9.7	0.556	35.7	27	1
Boston Brook	36+		130.0	132.0	10.0	9.5	10.5	1.4	0.289	21.8	ND	ND
Holmesville	48-60	128.3		130.5	8.5	8.0	11.0	5.3	0.294		44	1
Siegas	48-60		118.3	118.3	12.0	12.0	15.9	7.5	0.432			
Bellefleur	48-60		114.0	114.0	16.0	16.0	17.8	3.3	0.481			
Kingsclear	48-60		111.0	111.0	16.5	16.5	19.4	5.2	0.526			

Analyses done by N.B. Department of Public Works Soil Testing Laboratory.
Samples taken by Soil Survey Staff.
C.B.R. California Bearing Ratio.
N D Not determined.

Table 18. Engineering interpretations of the soils

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Adder	Poor	Moderate-high	Fair	Fair	Fair	Not suitable	Fair; needs treatment	Fair if compacted
Babbit Brook	Poor	High	Fair	Fair	Fair	May be good below 36 inches; high water table	Poor; sand and gravel strata	Poor; high permeability
Bellefleur	Poor	High	Poor	Poor	Fair	Not suitable	Good	Good, when dry and well compacted
Benedict	Good	Low	Good	Good	Good	Fair; below a depth of 24 inches bouldery	Poor; excessive seepage	Poor; rapidly permeable
Blue Mountain	Fair	High	Fair	Fair	Fair	Not suitable	Good	Good
Boston Brook	Fair	Moderate	Fair	Fair	Fair; stony	Not suitable	Fair; channery	Good, compacted

Soil name	Soil features affecting engineering practices				
	Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Adder	Bouldery; moderately high water table	Bouldery	Not applicable	Subject to erosion	Subject to erosion
Babbit Brook	Moderately high water table; seepage on cut slopes	Moderately high water table; bouldery	Not applicable	Subject to erosion	Subject to erosion
Bellefleur	High water table; seepage on cut slopes	Fine material may fill tile	Slow intake rate; moderate water holding capacity	Erodible material	Erodible; may wash before cover is established
Benedict	No unfavorable features	Not needed	High intake rate; low water-holding capacity	Permeable; subject to erosion	Subject to erosion
Blue Mountain	Seepage on cut slopes; shallow to bedrock	Compact subsoil	Low intake rate; high water-holding capacity	Compact subsoil	Subject to erosion
Boston Brook	Seepage on cut slopes, shallow to bedrock	Channery	Not applicable	Subject to erosion	Subject to erosion

Table 18. Engineering interpretations of the soils (continued)

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Bottomland	Poor	Moderate	Fair	Fair	Good	Not suitable; may be good below 36 inches	Poor; moderate	Fair
Bourgoin	Poor	High	Fair	Fair	Fair	Not suitable	Good; high water table	Good for small dams
Britt Brook	Fair-good	Low-moderate	Fair-good	Fair-good	Good	May be good below 36 inches	Poor; sand and gravel strata	Fair-poor; may have permeability
Caribou	Fair	Moderate	Fair	Good	Good	Not suitable	Poor; need treatment	Poor
Carlingford	Fair	High	Fair	Fair	Good	Not suitable	Poor; needs treatment	Poor
Clearwater	Fair-good	Low-moderate	Fair-good	Fair-good	Good	May be good below 36 inches	Poor; sand and gravel strata	Fair-poor; high permeability

Soil name	Soil features affecting engineering practices				
	Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Bottomland	Subject to overflow	May or may not be needed	Moderate intake rate; low water-holding capacity	Not needed	Subject to flooding
Bourgoin	High water table	High water table; compact subsoil	Not needed	Compact subsoil	Compact subsoil; high water table
Britt Brook	No unfavorable features	Not needed	Moderate intake rate; low water-holding capacity	Subject to erosion	Subject to erosion
Caribou	No unfavorable features, except boulders	Not needed	Moderately low intake rate; high water-holding capacity	Long slopes; subject to erosion	Subject to erosion
Carlingford	Seepage boulders	Moderately high water table	Low intake rate; high water-holding capacity	Foot of long slopes	Subject to erosion
Clearwater	May have ledge outcrops; bouldery	Not needed	Moderate intake rate; low water-holding capacity	Subject to erosion	Subject to erosion

Table 18. Engineering interpretations of the soils (continued)

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Colter Mountain	Poor	High	Fair	Fair	Not suitable	Not suitable	Good; high water table	Good, if dry and compacted
Coté	Poor	High	Fair	Fair	Not suitable	May be good below 36 inches; high water table	Poor; sand and gravel strata; high water table	Fair-poor; may be permeable
Cyr	Poor	High	Good	Good	Fair	Poor; limited by high water table	Fair; high water table and sand lenses	Fair
Dubé	Poor	Moderate	Fair	Fair	Not suitable	Not suitable	Poor; excessive seepage; shallow soil	Not suitable; inadequate strength and stability
Ennishore	Poor	Moderate	Good	Good	Fair	Fair; limited by water table	Poor; moderately permeable sand and gravel layers; seepage in places	Poor; permeable
Five Fingers	Poor	High	Fair	Fair	Not suitable	Not suitable	Good; high water table	Good
Flemming	Poor	High	Poor	Poor-fair; erodible	Fair	Not suitable	Poor; without treatment; will not	Fair-poor; unstable

Soil name	Soil features affecting engineering practices				
	Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Colter Mountain	High water table; seepage along top of compact	High water table; slow internal movement of water	Not applicable	Wet or very wet soils	High water table subject to prolonged seepage
Coté	High water table	High water table	Not applicable	Wet or very wet soils	High water table subject to prolonged seepage
Cyr	High water table most of year	High water table	Not applicable	Not needed	High water table
Dubé	Shallow to bedrock; moderately high water table seepage	Shallow to bedrock; uneven surface of bedrock	Not applicable	Shallow to bedrock	Shallow to bedrock; moderately high water table
Ennishore	Seepage	Sand and gravel; cut slopes subject to seepage	Moderately low intake rate; high water-holding capacity	Seepage in places	Seepage in places
Five Fingers	High water table	High water table	Not applicable	Wet soils	High water table
Flemming	Subject to erosion and sloughing	Not needed		Subject to erosion	Subject to erosion

Table 18. Engineering interpretations of the soils (continued)

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Foreston	Poor	High	Fair	Fair-good	Poor	Not suitable	High water table	Poor; gravelly channery
Gagetown	Good	Low	Good	Good	Fair	Good	Poor; excessive seepage	Poor; rapidly permeable
Geary	Poor	Moderate	Good	Good	Fair	Fair; limited by water table	Poor; moderately permeable sand and gravel layers; seepage in places	Poor; rapidly permeable
Glassville	Fair	Low	Good	Good	Fair-poor; channery	Not suitable	Poor; gravelly channery	Poor; gravelly channery
Goodfellow	Poor	High	Fair	Fair	Fair; may be stony	Not suitable	Poor	Fair, if compacted
Grand Falls	Good	Low	Good	Good	Fair	Good	Poor; excessive seepage	Poor; rapidly permeable

Soil name	Soil features affecting engineering practices				
	Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Foreston	High water table; bouldery	High water table	Not applicable	High water table; not needed	High water table
Gagetown	No unfavorable features	Not needed	Moderately high intake rate; low water-holding capacity	Loose substrata	Subject to erosion
Geary	Seepage	Sand and gravel lenses; cut slopes subject to seepage and sloughing	Moderately high intake rates; low water-holding capacity	Seepage in places	Seepage in places
Glassville	Rock outcrop; bouldery	Not needed	Moderately high intake rate; low water-holding capacity	Subject to erosion; bouldery; stony	Subject to erosion; rock outcrop
Goodfellow	Stones and bouldery; high water table	Stones and boulders	Not applicable	Subject to erosion	Subject to erosion
Grand Falls	No unfavorable features	Not needed	Moderately high intake rate; low water-holding capacity	Loose substrata	Subject to erosion; loose subsoil

Table 18. Engineering interpretations of the soils (continued)

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Guercheville	Fair	High	Fair	Fair	Good	Not suitable	Poor, needs treatment	Poor
Gulquac	Good	Low	Good	Good	Fair	Good	Poor; excessive seepage	Poor; rapidly permeable
Harquail	Fair	Moderate	Good	Fair; shallow	Fair	Not suitable	Poor; shallow soil and permeable bedrock	Poor; inadequate strength and stability
Holmesville gravelly	Fair	Moderate	Fair	Fair	Fair	Not suitable	Fair; underlain by permeable bedrock in places	Good; stable when compacted
Holmesville very stony	Fair	Moderate	Fair	Fair	Fair; some problem with surface; stony	Not suitable	Fair; underlain by permeable bedrock in places	Good; stable when compacted

Soil name	Soil features affecting engineering practices				
	Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Guercheville	Seepage	Moderately high water table	Moderately low intake rate; high water-holding capacity	Foot of long slopes; subject to erosion	Subject to erosion
Gulquac	No unfavorable features	Not needed	Moderately high intake rates; low water-holding capacity	Loose substrata	Subject to erosion; loose subsoil
Harquail	Shallow to bedrock	Not needed	Moderate intake rate; low water-holding capacity	Shallow to bedrock	Shallow to bedrock
Holmesville gravelly	Seepage on cut slopes; bouldery	Not needed	Moderate intake rate; high water-holding capacity	Compact layer	Subject to erosion; compact subsoil
Holmesville very stony	Seepage on cut slopes; bouldery	Not needed	Not applicable	Compact layer	Subject to erosion; compact subsoil

Table 18. Engineering interpretations of the soils (continued)

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Interval	Poor	Moderate	Fair	Fair	Good	Not suitable	Poor; moderate permeability and subject to overflow	Fair
Irving	Poor	Moderate	Fair	Fair	Fair; may be stony	Not suitable	Fair-poor; needs treatment	Fair, if compacted
Island Lake	Good	Low	Good	Good	Good	Fair-good; below depth of	Poor; excessive seepage	Poor; rapidly permeable
Jardine	Fair	Moderate	Fair	Fair	Fair	Not suitable	Good	Good, if compacted
Jenkins	Poor	High	Poor	Fair - poor	Poor	Not suitable	Fair, needs treatment; high water table	Fair, if compacted
Johnville	Fair	High	Fair	Fair	Fair	Not suitable	Good	Good; stable when compacted

Soil name	Soil features affecting engineering practices				
	Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Interval	Subject to overflow	Not needed	Moderate intake rate; high water-holding capacity	Not needed	Subject to flooding
Irving	No unfavorable features except boulders	Not needed	Not applicable	Subject to erosion; permeable	Subject to erosion
Island Lake	No unfavorable features except boulders	Not needed	Not applicable	Subject to erosion; permeable	Subject to erosion
Jardine	Seepage on cut slopes	Not needed	Moderately slow intake rate; high water-holding capacity	Compact layer	Subject to erosion
Jenkins	Bouldery; high water table	Bouldery; may silt in tile; slumping	Not applicable	Not needed	Subject to erosion; high water table
Johnville	Seepage and erosion on cut slopes; bouldery	Compact subsoil	Low intake rate; high water-holding capacity	Compact subsoil	Subject to erosion

Table 18. Engineering interpretations of the soils (continued)

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Jummet Brook	Poor	Moderate-high	Fair	Fair	Poor	Not suitable	Poor, unless treated	Fair - poor; must be compacted
Juniper	Fair	Moderate	Fair	Fair - good	Poor	Not suitable	Poor, unless treated	Fair - poor must be compacted
Kedgwick	Fair	Moderate	Fair	Fair	Fair	Not suitable	Good	Good, if compacted
Kintore	Not suitable	Not suitable	Not suitable	Not suitable	Not suitable	Not suitable	Not suitable	Not suitable
Kingsclear	Poor	High	Fair - poor	Poor	Poor	Not suitable	Good	Good, if compacted
Lauzier	Poor	High	Poor	Fair	Fair	Not suitable	Poor; needs treatment; high water table	Poor
Long Lake	Fair	Moderate	Fair	Fair	Fair; some problem with surface stone	Not suitable	Good	Good, stable when compacted

Soil name	Soil features affecting engineering practices				
	Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Jummet Brook	Bouldery; high water table; shallow to bedrock	Bouldery; shallow to bedrock	Not applicable	Bouldery; high water table; shallow to bedrock	Subject to erosion; shallow to bedrock
Juniper	Bouldery; shallow to bedrock	Not needed	Not applicable	Bouldery	Subject to erosion
Kedgwick	Seepage on cut slopes	Not needed	Moderately slow intake rate; high water-holding capacity	Compact layer	Subject to erosion; compact layer
Kintore	Not suitable	Not suitable	Not suitable	Not suitable	Not suitable
Kingsclear	Seepage	Fine texture; slow internal drainage	Not applicable	Subject to erosion	Subject to erosion
Lauzier	Seepage; high water	High water table	Not applicable	High water table	High water table
Long Lake	Seepage on cut slopes; bouldery	Not needed	Moderate intake rate; high water-holding capacity	Compact layer	Subject to erosion; compact subsoil

Table 18. Engineering interpretations of the soils (continued)

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Maliseet	Good	Low	Good	Good	Good	Good below a depth of 36 inches	Poor; excessive seepage	Poor; rapidly permeable
Martial	Poor	High	Poor	Poor	Fair	Not suitable	Poor; underlain by sand	Fair; may slough
McCluskey	Fair	Moderate	Fair	Fair - good	Fair - good	May be good below 36 inches; moderately high water table	Poor; sand and gravel strata	Fair - poor; may have high permeability
McGee	Fair - good	Low	Fair - good	Fair - good	Good	May be good below 36 inches	Poor; sand and gravel strata	Fair - poor; may have high permeability
McKiel	Poor	High	Fair - poor	Fair - poor	Poor	Not suitable	High water table	Poor; stony; bouldery; high water table
Midland	Poor	High	Fair - poor	Fair - poor	Poor	Not suitable	Poor - fair; permeable high water table	Poor - fair; permeable

Soil name	Soil features affecting engineering practices				
	Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Maliseet	No unfavorable features	Not needed	High intake rate; low water-holding capacity	Permeable; subject to erosion	Subject to erosion
Martial	High water table; seepage; sloughing	Fine texture; high water table	Not applicable	Not needed	Subject to erosion; seepage
McCluskey	Moderately high water table	Moderately high water table	Not applicable	Subject to erosion	Subject to erosion
McGee	Bouldery	Not needed	Moderate intake rate; low water-holding capacity	Subject to erosion	Subject to erosion
McKiel	Bouldery; high water table	Bouldery; high water table	Not applicable	Not needed	High water table
Midland	High water table	High water table	Moderate intake rate; moderate water-holding capacity	Subject to erosion	Subject to erosion

Table 18. Engineering interpretations of the soils (continued)

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Monquart	Fair	Moderate	Fair	Good	Good	Not suitable	Poor; needs treatment	Poor
Muck	Poor; must be removed	High	Not suitable; must be removed	Not suitable	Organic	Not suitable	Not suitable	Not suitable
Muniac	Good	Low	Good	Good	Fair	Good	Poor; excessive seepage	Poor; rapidly permeable
Nackawic	Poor	Poor	Fair - poor	Fair - poor	Not suitable	Not suitable	Good; high water table	Good
Nason	Fair	Moderate	Fair - good	Fair - good	Fair - good	May be good below 36 inches; moderately high water table	Poor; sand and gravel strata	Fair - poor; may have high permeability
Nickle Mills	Fair	Moderate	Fair	Fair	Fair	Not suitable	Good	Good for small dams

Soil name	Soil features affecting engineering practices				
	Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Monquart	No unfavorable features	Not needed	Moderate intake rate; high water-holding capacity	Long slopes subject to erosion	Subject to erosion
Muck		Organic soil	High intake rate; high water-holding capacity	Not needed	
Muniac	No unfavorable features	Not needed	Moderately high intake rate; low water-holding capacity	Loose substrata	Subject to erosion; loose subsoil
Nackawic	High water table	High water table; very slow internal drainage	Not applicable	Not needed	Subject to erosion; seepage; high water table
Nason	Bouldery; high water table	Bouldery; high water table	Not applicable	Subject to erosion; seepage	Subject to erosion
Nickle Mills	Seepage; erosion on cut slopes; bouldery	Siltation		Subject to erosion	Subject to erosion

Table 18. Engineering interpretations of the soils (continued)

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Ogilvie Lake	Fair	Moderate	Fair	Fair - good	Fair - good	May be good below 36 inches; moderately high water table	Poor; sand and gravel strata	Fair - poor; may have high permeability
Parleeville	Fair	Moderate - low	Fair - good	Fair - good	Fair - good	Not suitable	Poor; highly permeable	Poor; highly permeable
Peat	Poor; must be removed	High	Not suitable; must be removed	Not suitable	Organic	Not suitable	Not suitable	Not suitable
Penobsquis	Poor	High	Good	Good	Fair	Poor; limited by high water table	Poor; high water table; sand and gravel strata	Poor
Plaster Rock	Poor	High	Poor	Poor	Poor	Not suitable	Good; high water table	Good
Poitras	Poor	High	Fair	Fair	Not suitable	Not suitable	Good; high water table	Good, if dry and compacted

Soil name	Soil features affecting engineering practices				
	Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Ogilvie Lake	Bouldery; high water table	Bouldery; high water table	Not applicable	Subject to erosion; seepage	Subject to erosion
Parleeville	May be shallow to bedrock	Not needed	High intake rate	Subject to erosion; broken slopes	Subject to erosion
Peat	High water table	Organic soil	High intake rate; high water-holding capacity	Not needed	
Penobsquis	High water table most of year	High water table; lack of outlets	Not applicable	Not applicable	High water table
Plaster Rock	Seepage; subject to erosion and sloughing	Slow internal movement of water; fines may fill tile	Not applicable	Subject to erosion	Subject to erosion
Poitras	High water table; seepage along top of compact layer; bouldery	High water table; slow internal movement of water	Not applicable	Wet or very wet soils	High water table; subject to prolonged seepage

Table 18. Engineering interpretations of the soils (continued)

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Portage Lake	Poor	High	Fair	Fair	Fair	May be good below 36 inches; high water table	Poor; sand and gravel strata	Poor; high permeability
Ouisibis	Fair	Low	Fair	Fair	Not suitable	Not suitable	Poor; excessive seepage and subsoil	Not suitable; inadequate strength and stability
Redstone	Fair	High	Fair	Fair	Fair	Not suitable	Good	Good; stable when compacted
Riley Brook	Poor	High	Fair	Fair	Fair	Not suitable	Fair; needs treatment	Fair, if compacted
Rob	Poor	High	Poor	Poor	Poor	Not suitable	Good; permanently high water table	Fair, when dry and compacted
Salmon	Poor	High	Fair	Fair	Poor	Not suitable	Good	Good for small dams

Soil name	Soil features affecting engineering practices				
	Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Portage Lake	Seepage in cut slopes; high water table part of year	High water table part of year; bouldery	Not applicable	Subject to erosion	Subject to erosion
Quisibis	Shallow to bedrock	Not needed	Moderately high intake rate; low water-holding capacity	Shallow to bedrock	Shallow to bedrock
Redstone	Seepage and erosion on cut slopes; bouldery	Compact subsoil; bouldery	Low intake rate; high water-holding capacity	Compact subsoil	Subject to erosion
Riley Brook	Bouldery; moderately high water table	Bouldery	Not applicable	Subject to erosion; bouldery	Subject to erosion; bouldery
Rob	Permanently high water table; seepage in cut slopes	Wet; natural outlets adequate	Not applicable	Not applicable	Continuous flow, high water table
Salmon	Seepage and erosion on cut slopes	Compact subsoil; fine texture	Low intake rate; high water-holding capacity	Compact subsoil	Subject to erosion; seepage

Table 18. Engineering interpretations of the soils (continued)

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Siegas	Fair	Moderate	Fair	Fair	Fair	Not suitable	Good	Good for small dams
Serpentine	Poor	Moderate	Fair	Fair	Fair	Not suitable	Fair; needs treatment	Fair, if compacted
Sirois	Poor	Moderate	Good	Good	Fair	Fair; limited by water table	Poor; permeable sand and gravel	Poor; permeable
Skin Gulch	Poor	High	Fair	Fair	Fair; stony	Not suitable	Fair; channery	Good, if compacted
St. Amand	Poor	High	Poor	Poor	Poor	Not suitable	Good	Fair
St. Quentin	Poor; must be removed	High	Not suitable; must be removed	Not suitable	Organic	Not suitable	Not suitable	Not suitable

Soil name	Soil features affecting engineering practices				
	Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Siegas	Seepage and erosion on cut slopes; bouldery	Compact subsoil; fine texture	Low intake rate; high water-holding capacity	Compact subsoil	Subject to erosion and seepage
Serpentine	Bouldery	Not needed	Moderate intake rate; high water-holding capacity	Subject to erosion	Subject to erosion
Sirois	Seepage	Sand and gravel cut slopes; subject to erosion	Moderately low intake rate; low water-holding capacity	Seepage in places	Seepage
Skin Gulch	Seepage on cut slopes	Channery; high water table	Not applicable	Subject to erosion	Subject to erosion
St. Amand	High water table; seepage and sloughing	High water table; fine materials may fill tile	Not applicable	Not applicable	High water table; erodible
St. Quentin	Organic soil; high water table	Organic soil	High intake rate; high water-holding capacity	Not needed	Poor, high permeability

Table 18. Engineering interpretations of the soils (continued)

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Temiscouata	Poor	Moderate	Fair	Fair - good	Poor - fair; channery	Not suitable	Poor; gravelly; channery	Poor; gravelly; channery
Thibault	Fair	Moderate	Fair	Good	Good	Not suitable	Poor; needs treatment	Poor; permeable
Tobique	Good	Low	Good	Good	Fair	Poor; shallow	Poor; highly permeable	Poor; highly permeable
Trafton	Poor	High	Fair	Fair	Poor	May be good below 36 inches; high water table	Poor; sand and gravel strata	Poor; high permeability
Tuadook	Fair	Moderate	Fair	Fair	Fair; problems with surface stones	Not suitable	Good	Good; stable when compacted
Undine	Fair	Low	Good	Fair; shallow	Fair	Not suitable	Poor; excessive seepage and shallow soil	Poor; inadequate strength and stability

Soil name	Soil features affecting engineering practices: Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Temiscouata	Rock outcrop; bouldery; seepage	Bouldery; high water table	Not applicable	Not applicable	High water table
Thibault	No favorable features	Not needed	Moderate intake rate; high water-holding capacity	Subject to erosion	Subject to erosion
Tobique	Shallow to bedrock	Not needed	High intake rate; moderate water-holding capacity	Subject to erosion; shallow to bedrock	Subject to erosion; shallow to bedrock
Trafton	High water table	High water table; stony	Not applicable	Not needed	High water table
Tuadook	Seepage on cut slopes; bouldery	Not needed	Moderate intake rate; high water-holding capacity	Compact layer	Subject to erosion; compact layer
Undine	Shallow to bedrock	Not needed	Moderate intake rate; low water-holding capacity	Shallow to bedrock	Shallow to bedrock

Table 18. Engineering interpretations of the soils (continued)

Soil name	Adaptability to winter grading	Susceptibility to frost action	Suitability of soil material for		Suitability as source of		Suitability for ponds	
			Road subgrade	Road fill	Topsoil	Sand and gravel	Reservoir	Embankment
Victoria	Fair - good	Low - moderate	Fair - good	Fair - good	Good	May be good below 36 inches	Poor; sand and gravel strata	Fair - poor; may have high permeability
Waasis	Poor	High	Fair	Fair	Good	Not suitable	Poor; subject to flooding	Fair, if well compacted
Wapske	Poor	High	Fair	Fair	Fair	Poor; limited by high water table	Poor; high water table and sand below 12 inches	Poor; permeable
Washburn	Poor	High	Fair	Fair	Not suitable	Not suitable	Good	Good
Yellow Brook	Poor	High	Fair - poor	Fair - poor	Fair - poor	Not suitable	Fair - good	Good, if compacted
Yellow Lake	Poor	High	Fair	Fair	Poor	May be good below 36 inches; high water table	Poor; sand and gravel strata	Poor; high permeability

Soil name	Soil features affecting engineering practices				
	Vertical alignement in highways	Agricultural drainage	Irrigation	Diversion terraces	Waterways
Victoria	May have seepage in cuts	Not needed	Moderate intake rate; moderate water-holding capacity	Subject to erosion	Subject to erosion
Waasis	Periodic high water table; subject to flooding	Flooding; fine texture	Moderate intake rate; high water-holding capacity	Not needed	Subject to flooding
Wapske	High water table	High water table; unstable cut banks	Not applicable	Seepage	Continuous flow from high water table
Washburn	High water table; bouldery	High water table	Not applicable	Wet soils	High water table
Yellow Brook	Seepage on cut slopes; moderate water table	Slow internal drainage	Not applicable	Subject to erosion	Subject to erosion; high water table
Yellow Lake	Bouldery; high water table	High water table; bouldery	Not applicable	Not needed	High water table

Table 19. Mechanical analysis of representative soil profiles as percentages of ovendry weights

Horizon	Depth inches	Gravel >2 mm	Sand: Very coarse 2-1 mm	Sand: Coarse 1.0-0.5 mm	Sand: Medium 0.5-0.25 mm	Sand: Fine 0.25-0.1 mm	Sand: Very fine 0.1-0.05 mm	Sand: Total 2-0.05 mm	Silt 0.05-0.002 mm	Clay <0.002 mm	Texture
					Bellefleur						
Ae	0-2	1.6	0.5	1.9	3.7	5.6	6.0	17.7	45.2	37.1	SiCL
Bfh	2-4	3.7	1.5	5.2	5.6	5.6	5.8	23.7	41.9	34.4	CL
Bf	4-8	10.0	3.6	5.6	4.9	5.8	5.4	25.3	41.4	33.3	CL
BC	8-12	6.8	1.1	1.8	2.4	2.9	2.4	10.6	48.3	41.1	SiC
C	12-21	7.7	3.0	5.0	7.2	9.8	7.9	32.9	29.4	37.7	CL
Bt	21-36	4.8	1.4	2.5	3.8	5.9	5.2	18.8	36.8	44.4	C
Bt2	36-56	4.6	1.2	1.7	2.8	3.6	3.2	12.5	43.5	44.0	SiC
Bt3	56-59	6.5	1.5	2.4	3.3	5.1	4.9	17.2	34.7	48.1	C
					Boston Brook						
Ae	0-2	26.8	3.5	1.0	1.0	2.0	6.8	14.3	56.3	29.4	SiCL
Ae2	Trace		3.5	0.8	2.5	4.9	5.7	17.4	50.6	32.1	SiCL
Bfh	2-5	47.1	12.7	8.4	5.8	8.4	6.7	42.0	40.4	17.6	L
Bfh2	5-9		12.7	7.5	5.7	5.5	5.7	37.1	40.6	22.3	L
BC	9-15	52.7	19.6	8.7	5.6	5.1	4.8	43.8	30.9	25.3	GrL
C	15+	68.2	13.4	7.4	5.0	5.5	5.5	36.8	28.5	34.7	GrCL
					Boston Brook						
Ae	0-2	42.2	2.2	0.6	2.2	3.4	7.7	16.1	50.8	33.1	GrSiCL
Bfh	2-7½	56.3	15.8	1.9	6.4	6.5	7.9	38.5	38.2	23.3	GrL
Bf	7½-11½	57.5	16.1	3.0	11.5	9.0	7.2	46.8	35.0	18.2	GrL
BC	11½-17	59.4	16.7	3.4	12.9	13.5	10.0	56.5	24.8	18.7	GrSL
C	17+	78.2	12.1	2.5	8.9	7.6	7.1	38.2	34.1	27.7	VGrCL
					Bourgoin						
Ahe	1-3	11.0	4.5	0.5	3.7	4.2	3.0	15.9	35.9	48.2	C
Aeg	3-12	7.5	2.3	1.3	2.7	4.8	4.5	15.6	32.9	51.5	C
Bg	12-16	7.9	4.1	4.3	10.0	13.6	8.6	40.6	30.5	28.9	CL
Cg	16+	4.2	1.4	2.1	3.6	4.4	3.0	14.5	40.0	45.5	SiC

					Britt Brook						
Ae	0-3	36.7	0.0	1.2	4.4	7.2	8.5	21.3	58.1	20.6	SiL
Bhf	3-5½	23.7	0.0	1.0	2.5	4.4	4.5	12.4	65.2	22.4	SiL
Bhf2	5½-8½	44.6	0.0	5.6	8.7	17.1	16.0	47.4	37.0	15.6	L
Bfh	8½-14½	45.1	0.0	4.8	6.7	12.0	14.3	37.8	49.1	13.1	SiL
Bf	14½-21½	53.0	0.0	8.6	9.7	12.9	11.8	43.0	46.1	10.9	GrL
Bf2	21½-30	31.6	0.0	13.9	12.0	14.3	10.3	50.5	36.8	12.7	GrL
C	30-42	ND	0.0	6.1	7.5	11.6	10.7	35.9	43.3	20.8	GrL
IIC	42-54	ND	0.0	7.2	6.4	8.9	7.2	29.7	39.5	30.8	GrCL
					Caribou						
Ap	0-6	37.8	7.1	4.2	4.4	7.2	7.1	30.0	43.7	26.3	L
Ah	0-1	6.4	1.7	4.0	5.6	8.1	13.3	32.7	49.2	18.1	L
Ae	1-2	12.1	5.5	2.6	4.4	7.3	7.8	27.6	49.3	23.1	L
Bfh	2-3	16.6	11.2	3.8	4.4	6.2	7.0	32.6	46.0	21.4	L
Bfh2	3-8	ND	0.0	4.1	6.1	9.9	11.8	31.9	42.4	25.7	L
Bf	8-15	16.5	6.1	5.5	6.3	9.2	8.6	35.7	35.7	28.6	CL
C	15+	21.5	5.7	5.8	6.0	8.8	9.6	35.9	34.5	29.6	GrCL
					Caribou						
Ah	0-2	ND	ND	ND	ND	ND	ND	26.8	49.9	23.3	SiL
Ae	Trace	ND	ND	ND	ND	ND	ND	21.5	54.2	24.3	SiL
Bfh	2-10	15.7	3.8	4.9	5.0	5.4	11.0	30.1	37.9	32.0	CL
Bf	10-14	22.2	4.3	5.1	6.7	7.6	8.6	32.3	44.4	23.3	L
Bt	14-24	33.1	4.1	5.2	7.2	8.3	9.6	34.4	32.0	33.6	CL
Bt2	24-30	26.8	4.1	5.4	6.5	7.7	8.8	32.5	31.0	36.5	CL
C	30-40	40.1	4.1	5.6	6.0	6.7	8.2	30.6	37.5	31.9	GrCL
C2	40-49	65.4	2.4	4.0	7.7	9.4	10.9	34.4	33.7	31.9	GrCL
					Carlingford						
Ah	0-2	4.9	3.3	1.5	3.8	6.3	8.0	22.9	57.8	19.3	SiL
Aejg	2-5	16.8	12.9	1.9	2.3	3.6	7.9	28.6	50.2	21.2	SiL
Btjgj	5-11	10.6	8.0	0.8	2.3	4.8	10.6	26.5	48.9	24.6	L
Btjg	11-15	5.5	5.4	1.1	2.7	6.5	9.6	25.3	49.6	25.1	L
Cg	15-30	13.8	17.7	1.4	4.8	6.6	10.8	41.3	35.4	23.3	L

Abbreviations: C, clay; Gr, gravelly; L, loam or loamy; S, sand or sandy; Si, silt or silty; V, very

Table 19. Mechanical analysis of representative soil profiles as percentages of ovendry weights (continued)

Horizon	Depth inches	Gravel >2 mm	Sand						Silt 0.05-0.002 mm	Clay <0.002 mm	Texture
			Very coarse 2-1 mm	Coarse 1.0-0.5 mm	Medium 0.5-0.25 mm	Fine 0.25-0.1 mm	Very fine 0.1-0.05 mm	Total 2-0.05 mm			
					Clearwater						
Bhf	0-2	ND	8.8	8.7	12.4	20.8	13.6	64.3	21.9	13.8	SL
Bfh	2-10	ND	20.7	15.6	12.4	13.4	11.2	73.3	19.9	7.8	SL
Bf	10-27	ND	32.4	16.4	10.5	8.8	7.4	75.5	16.7	7.8	SL
CB	27-34	ND	6.8	5.0	8.5	11.7	11.0	43.0	50.2	6.8	SiL
C	34-41	ND	11.5	9.2	8.0	11.6	9.4	49.7	43.5	6.8	L
C2	41-52	ND	7.6	8.1	10.2	13.6	10.4	49.9	41.3	8.8	L
					Five Fingers						
Aeg	0-5	10.6	0.5	1.0	2.5	5.9	9.3	19.2	51.9	28.9	SiCL
Bg	5-10	8.6	1.0	2.0	2.4	7.6	10.2	23.2	53.0	23.8	SiL
Ckg	10-15	28.9	1.3	2.0	3.3	7.4	10.5	24.5	49.8	25.7	SiL
Ckg2	15-24	36.7	4.1	6.5	7.0	11.6	9.5	38.7	43.2	18.1	GrL
Ckg3	24-39	39.7	3.0	4.1	6.9	12.9	9.6	36.5	41.8	21.7	GrL
Ckg4	39+	54.7	3.3	7.0	7.1	13.8	10.1	41.3	38.6	20.1	GrL
					Flemming						
Ap	0-6	0.0	0.0	0.1	1.1	5.3		6.5	54.6	38.9	SiCL
Ae	0-1	0.0	0.0	0.0	1.0	14.6		15.6	59.2	25.2	SiL
Bf	1-2	0.0	0.0	0.0	2.6	15.1		17.7	54.1	28.2	SiCL
Bfg	2-10	0.0	0.0	0.9	2.1	11.0		14.0	62.4	23.6	SiL
Cgj	10-19	0.0	0.0	0.0	0.8	20.2		21.0	62.9	16.1	SiL
					Glassville						
Ap	0-6	42.7	8.9	8.5	7.5	8.8	6.1	39.8	41.9	18.3	GrL
Ae	0-2	29.1	4.5	3.6	6.0	10.3	8.2	32.6	47.0	20.4	GrL
Bhf	2-8	18.1	14.2	9.0	9.2	10.4	7.2	50.0	37.6	12.4	L
Bfj	8-16	39.5	15.9	11.9	11.9	12.3	7.9	59.9	28.5	11.6	GrSL
C	16+	75.5	17.2	11.4	8.4	8.9	6.8	52.7	27.9	19.4	GrL-SL
					Glassville						
Ae	0-3	42.6	2.4	4.2	3.9	6.1	5.6	22.2	56.0	21.8	GSiL
Bhf	3-5	54.0	16.8	13.1	4.4	5.4	4.9	44.6	37.9	17.5	GrL
Bhf2	5-13	77.9	20.5	16.0	5.3	6.1	6.8	54.7	31.3	14.0	Lg
Bfh	13-22	34.2	25.6	21.1	8.8	7.7	6.1	69.3	22.1	8.6	GrSL
C	22-48	49.3	15.6	19.0	10.7	9.9	8.5	63.7	25.4	10.9	GrSL

					Grand Falls						
Ae	0-4	68.5	25.2	8.3	7.1	7.0	5.3	52.9	31.4	15.7	GrL
Bf	4-6	56.5	43.4	20.8	7.6	4.6	2.8	79.2	14.0	6.8	GrLS
Bf2	6-12	54.1	35.4	22.7	8.5	5.0	2.5	74.1	17.0	8.9	GrSL
C	12-16+	63.3	43.9	34.0	9.9	3.9	1.3	93.0	3.5	3.5	GrS
					Harquail						
Ap	0-6	11.5	2.1	5.1	3.8	5.40		16.4	43.0	40.6	SiC
Ae	0-2	35.6	5.6	5.3	5.3	7.4	8.5	32.1	45.7	22.2	GrL
Bf	2-7	11.7	5.5	6.2	4.6	6.3	6.7	29.2	45.9	24.9	L
Bf2	7-10	37.8	9.0	9.1	6.3	7.7	6.7	38.8	38.5	22.7	L
Bt	10-11	21.8	4.8	5.8	4.1	5.8	5.9	26.4	43.5	30.1	CL
Bt2	11-18	16.9	7.1	0.8	2.2	4.3	4.4	18.8	48.5	32.7	SiCL
					Holmesville						
Ap	0-6	27.1	5.1	4.7	5.4	9.6	8.6	33.4	44.5	22.1	GrL
Ae	0-2	9.4	3.6	3.6	4.9	8.2	11.0	31.3	49.2	19.5	L
Bhf	2-5	9.7	9.3	15.2	10.1	12.6	11.7	58.8	31.0	10.2	SL
Bfh	5-9	19.2	4.2	6.7	7.7	10.3	10.0	38.9	43.1	18.0	L
BC	9-13	9.3	6.1	7.3	7.0	9.4	7.3	37.1	42.5	20.4	L
C	13+	13.6	5.3	9.9	8.1	11.9	8.6	43.8	37.0	19.2	L
					Holmesville						
Ap	0-6	21.7	9.3	2.6	2.5	4.4	8.3	27.1	47.9	25.0	L
Ae	0-1	21.2	2.0	1.2	1.2	2.3	10.0	16.7	59.1	24.2	SiL
Bf	1-3	30.1	19.8	5.2	3.5	3.9	6.0	38.4	43.9	17.7	L
Bf2	3-6	31.5	9.9	10.4	6.5	6.5	9.2	42.5	40.1	17.4	L
BC	6-10	27.0	13.3	14.3	7.3	6.1	7.0	48.0	34.7	17.3	L
C	10+	36.7	15.3	13.9	8.2	6.8	6.1	50.3	30.8	18.9	L
					Holmesville						
Ae	0-2	12.6	0.9	2.8	4.8	10.6	11.8	30.9	49.8	19.3	L
Bfh	2-5	16.0	5.2	8.8	9.1	13.1	11.1	47.3	36.5	16.2	L
Bfh2	5-7	17.6	8.7	11.6	9.9	14.6	13.7	58.5	25.1	16.4	SL
Bf	7-14	23.4	6.5	9.7	10.0	13.1	9.6	48.9	33.1	18.0	GrL
C	14-48	23.7	6.3	9.5	10.1	12.9	10.6	49.4	30.2	20.4	GrL
C2	48-54+	46.4	10.7	2.4	11.2	14.6	12.1	51.0	23.6	25.4	GrSCL

Table 19. Mechanical analysis of representative soil profiles as percentages of ovendry weights (continued)

Horizon	Depth inches	Gravel >2 mm	Sand: Very coarse 2-1 mm	Sand: Coarse 1.0-0.5 mm	Sand: Medium 0.5-0.25 mm	Sand: Fine 0.25-0.1 mm	Sand: Very fine 0.1-0.05 mm	Sand: Total 2-0.05 mm	Silt 0.05-0.002 mm	Clay <0.002 mm	Texture
					Holmesville						
Ae	0-2	0.8	0.8	2.7	5.7	9.9	22.8	41.9	42.8	15.3	L
Bhf	2-2½	ND	3.3	5.8	6.9	8.9	6.9	31.8	44.9	23.3	L
Bhf2	2½-4	ND	2.7	4.7	4.4	6.6	7.8	26.2	50.1	23.7	SiL
Bfh	4-6	ND	5.0	7.1	7.4	10.8	12.1	42.4	42.6	15.0	L
Bf	6-12	ND	5.3	8.3	9.5	12.9	13.6	48.6	37.7	13.7	L
BC	12-18	38.7	6.3	8.8	9.4	11.6	9.8	45.9	38.3	15.8	GrL
C	18-40	49.9	7.5	11.0	11.1	13.4	11.2	54.2	32.3	13.5	GrSL
C2	40-52	27.3	2.8	3.9	6.6	10.3	12.2	35.8	35.6	28.6	GrCL
					Jardine						
Ae	0-1	30.1	5.3	2.2	1.6	3.2	10.6	22.9	58.6	18.5	SiL
Bf	1-3	12.5	5.6	1.6	1.9	7.4	11.4	27.9	43.9	28.2	CL
Bf2	3-6	24.8	7.0	1.4	2.7	4.8	13.5	29.4	39.2	31.4	CL
Bf3	6-11	31.8	1.9	1.5	2.5	4.8	13.4	24.1	44.6	31.3	CL
Bt	11-15	9.3	1.9	0.8	1.4	3.2	10.1	17.4	39.2	43.4	C
Bt2	15-22	25.9	4.2	1.2	1.2	2.7	9.1	18.4	33.5	48.1	C
C	22+	37.4	4.2	1.2	1.8	3.5	4.2	14.9	36.7	48.4	GrC
					Johnville						
Aeg	0-1	16.8	4.4	2.7	4.4	7.3	7.7	26.5	44.5	29.0	CL
Bfg	1-4	17.7	5.7	3.3	3.8	5.3	6.8	24.9	39.8	35.3	CL
Bmg	4-7	25.9	11.9	2.5	3.5	5.1	5.3	28.3	32.6	39.1	CL
BCg	7-12	13.4	4.2	6.1	5.7	7.1	8.0	31.1	32.6	36.3	CL
Cg	12+	12.2	4.8	3.2	4.3	6.6	4.9	23.8	24.5	51.7	C
					Johnville						
Ahe	0-1	44.7	15.1	11.8	7.2	7.6	6.4	48.1	39.3	12.6	L
Aeg	1-13	33.6	11.0	9.0	10.7	13.0	9.7	53.4	32.2	14.4	SL
Bg	13-21	32.7	7.7	8.0	8.3	12.5	10.5	47.0	32.7	20.3	GrL
Cg	21+	34.4	5.4	8.3	8.7	12.7	10.7	45.8	34.3	19.9	GrL

					Johnville						
Aeg	0-2	ND	ND	2.2	4.6	8.2	7.5	22.5	53.6	23.9	SiL
Bfhg	2-4	ND	ND	1.6	5.4	6.9	5.8	19.7	53.4	26.9	SiL
Bfjg	4-9	ND	ND	6.4	8.9	13.9	11.1	40.3	45.5	14.2	L
BCg	9-22	ND	ND	4.0	8.8	10.8	10.6	34.2	49.5	16.3	L
Cg	22-32	ND	ND	3.9	9.0	11.2	10.3	34.4	42.9	22.7	L
Cg2	32-48	ND	ND	2.9	7.6	11.3	10.5	32.3	42.0	25.7	L
C	48-60+	ND	ND	4.4	6.6	10.8	9.3	31.1	41.1	27.8	CL
					Kedgwick						
Ae	0-2	17.9	1.8	0.5	2.1	5.5	13.1	23.0	54.9	22.1	SiL
Bf	2-3½	26.7	5.8	1.6	5.7	7.7	10.3	31.1	41.1	27.8	CL
Bf2	3½-7½	30.1	4.7	1.6	6.6	8.2	9.8	30.9	39.9	29.2	CL
Bt	7½-13	30.8	4.5	1.1	4.3	5.4	7.2	22.5	39.9	37.6	CL
Bt2	13-21	57.2	7.5	2.2	8.4	9.6	10.7	38.4	20.6	41.0	C
Bt3	21-36	52.6	7.7	1.9	6.7	6.5	6.7	29.5	25.4	45.1	C
Bt4	36-48	40.0	7.3	1.7	6.1	5.6	6.0	26.7	28.2	45.1	C
Ck	48-54+	55.8	10.4	2.1	9.0	7.5	6.5	35.5	26.3	38.2	CL
					Kingsclear						
Ae	0-1	14.7	0.6	0.7	2.1	4.7	14.0	22.1	45.6	32.3	CL
Bt	1-8	6.2	0.6	1.0	1.3	3.1	7.5	13.5	41.9	44.6	SiC
Bt2	8-15	1.5	0.0	0.1	0.3	1.7	5.7	7.8	41.5	50.7	SiC
Bt3	15-26	3.6	0.3	0.4	0.8	2.4	5.6	9.5	47.8	42.7	SiC
BC	26-38	19.1	0.2	0.3	1.2	2.9	6.6	11.2	50.2	38.6	SiCL
Ck	38-52	7.4	0.6	0.8	1.6	5.0	8.9	16.9	54.7	28.4	SiCL
Ck2	52-64+	14.8	1.2	1.6	1.9	6.2	9.6	20.5	49.0	30.5	CL
					Long Lake						
Ae	0-1½	ND	ND	0.7	4.1	7.3	31.8	43.9	35.3	20.8	L
Bhf	1½-4	35.1	ND	2.4	3.9	5.3	5.4	17.0	59.8	23.2	SiL
Bhf2	4-7	50.4	ND	1.6	6.0	9.1	12.1	28.8	50.9	20.3	SiL
Bhf3	7-11	46.9	ND	5.2	12.7	18.4	17.6	53.9	35.8	10.3	SiL
Bfh	11-18	ND	ND	5.2	9.3	14.7	15.1	44.3	45.6	10.1	L
BC	18-21	39.7	ND	5.2	8.2	11.0	11.5	35.9	54.4	9.7	GrSiL
C	21-30	47.5	ND	8.7	9.7	11.8	12.0	42.2	46.1	11.7	GrL
C2	30-38	ND	ND	6.2	7.6	10.4	11.5	35.7	50.6	13.7	SiL

Table 19. Mechanical analysis of representative soil profiles as percentages of ovendry weights (continued)

Horizon	Depth inches	Gravel >2 mm	Sand: Very coarse 2-1 mm	Sand: Coarse 1.0-0.5 mm	Sand: Medium 0.5-0.25 mm	Sand: Fine 0.25-0.1 mm	Sand: Very fine 0.1-0.05 mm	Sand: Total 2-0.05 mm	Silt 0.05-0.002 mm	Clay <0.002 mm	Texture
					Maliseet						
Ap	0-4	1.9	0.6	4.1	13.4	35.9	24.7	78.7	6.4	14.9	SL
Bf	4-10	0.1	1.1	11.8	14.0	24.1	13.1	64.1	23.6	12.3	SL
BC	10-15	0.0	0.3	0.8	4.8	22.5	35.1	63.5	30.2	6.3	SL
C	15+	3.4	1.3	1.0	5.1	33.0	24.1	64.5	26.4	9.1	SL
					Maliseet						
Ae	0-2	0.0	0.0	4.3	6.6	20.4	17.8	49.1	41.2	9.7	L
Bfh	2-4	0.0	0.0	15.1	14.6	24.7	11.6	66.0	31.1	2.9	SL
Bf	4-7	0.0	0.0	6.8	12.2	29.0	11.3	59.3	38.5	2.2	SL
BC	7-11	0.0	0.1	5.4	6.2	25.8	17.0	54.5	41.3	4.2	SL
C	11-15	0.0	0.0	0.9	3.7	53.9	19.4	77.9	20.3	1.8	LS
C2	15-24	0.0	0.0	8.2	11.9	24.9	12.5	57.5	36.1	6.4	SL
C3	24-36	0.0	1.4	6.6	44.7	39.2	1.9	93.8	3.8	2.4	S
C4	36-52	0.0	0.0	0.4	3.0	30.6	17.4	51.4	48.2	0.4	SL
C5	52-66	0.0	0.1	0.5	2.8	28.8	30.6	62.8	33.8	3.4	SL
					McGee						
Ae	0-4	42.6	2.4	4.2	3.9	6.1	5.6	22.2	56.0	21.8	GrSiL
Bhf	4-5	54.0	16.8	13.1	4.4	5.4	4.9	44.6	37.9	17.5	GrL
Bhf2	5-6	77.9	20.5	16.0	5.3	6.1	6.8	54.7	31.3	14.0	GrSL
Bfh	6-12	34.2	25.6	21.1	8.8	7.7	6.1	69.3	22.1	8.6	GrSL
C	12-15+	49.3	15.6	19.0	10.7	9.9	8.5	63.7	25.4	10.9	GrSL
					McGee						
Ae	0-1½	1.0	0.5	0.2	0.8	3.2	12.2	16.9	54.5	28.6	SiCL
Bhf	1½-3	10.4	14.9	4.2	11.6	13.0	8.7	52.4	32.8	14.8	SL
Bfh	3-6	21.0	19.8	4.0	11.7	11.5	10.6	57.6	28.2	14.2	SL
BC	6-11	20.6	20.4	4.0	10.4	8.0	8.2	51.0	33.8	15.2	L
C	11-54	35.4	23.3	5.3	13.2	12.2	11.2	65.2	19.3	15.5	SL
C2	54+	ND	16.3	6.5	18.5	13.1	10.8	65.2	22.0	12.8	SL

					Monquart						
Ae	0-2	23.3	1.9	3.0	4.6	7.7	8.4	25.6	48.7	25.7	GrL
Bfh	2-6	24.0	2.5	4.0	6.7	9.5	10.6	33.3	40.4	26.3	GrL
Bfh2	6-10	23.6	4.2	5.6	5.8	7.6	9.1	32.3	47.5	20.2	GrL
Bfj	10-13	50.1	7.3	10.8	11.6	13.3	11.5	54.5	31.3	14.2	GrSL
Bfj2	13-26	39.9	8.6	9.9	13.0	15.7	15.2	62.4	24.0	13.6	GrSL
C	26-42	45.7	7.0	9.0	13.1	16.5	13.9	59.5	30.5	10.0	GrSL
C2	42-60	45.1	7.5	10.5	11.9	14.9	12.4	57.2	30.3	12.5	GrSL
C3	60-64+	30.9	3.7	5.9	6.6	8.4	9.7	34.3	35.0	30.7	GrCL
					Nackawic						
Ahe	0-6	0.0	0.1	0.0	0.2	0.4	0.6	1.3	26.6	72.1	C
Bg	6-11	0.6	0.1	0.2	0.4	2.4	5.6	8.7	24.7	66.6	C
Ckg	11-21	28.1	0.6	0.8	1.7	4.4	8.9	16.4	47.7	35.9	SiCL
Ckg2	21-32	16.1	0.4	0.9	1.5	5.5	13.1	21.4	48.6	30.0	CL
Ck	32-52	17.6	1.9	4.5	5.4	9.8	7.8	29.4	38.5	32.1	CL
Ck2	52-64+	17.0	2.1	2.3	5.6	8.8	7.1	25.9	38.0	36.1	CL
					Poitras						
Aheg	0-4	0.0	0.0	0.3	1.9	7.3	12.3	21.8	47.5	30.7	CL
Bg	4-12	14.5	1.1	0.2	1.2	5.3	15.4	23.2	48.7	28.7	CL
Cg	12+	36.0	10.6	3.1	4.9	9.6	11.1	39.3	34.6	26.1	GrL
					Poitras						
Ahe	0-7	0.0	3.3	2.5	5.0	11.7	16.2	38.7	19.9	41.4	C
Aeg	7-11	6.4	1.7	3.8	6.7	14.0	12.2	38.4	35.5	26.1	L
Cg	11-22+	17.5	2.7	5.1	8.5	7.9	11.0	35.2	42.9	21.9	L
					Poitras						
Aeg	0-10	57.7	5.9	7.2	6.8	8.5	8.5	36.9	44.3	18.8	GrL
Bg	10-22	15.1	4.6	6.1	11.4	14.8	14.1	51.0	35.7	13.3	L
Cg	22-32	28.1	3.8	5.0	9.0	12.6	11.0	41.4	37.6	21.0	GrL
Cg2	32-42	28.3	3.1	4.2	7.8	11.4	12.3	38.8	43.3	17.9	GrL
Cg3	42-54	36.8	2.8	4.4	7.4	10.3	11.9	36.8	46.0	17.2	GrL
Cg4	54+	45.2	5.1	10.6	13.5	15.6	11.0	55.8	30.1	14.1	GrSL

Table 19. Mechanical analysis of representative soil profiles as percentages of ovendry weights (concluded)

Horizon	Depth inches	Gravel >2 mm	Sand: Very coarse 2-1 mm	Sand: Coarse 1.0-0.5 mm	Sand: Medium 0.5-0.25 mm	Sand: Fine 0.25-0.1 mm	Sand: Very fine 0.1-0.05 mm	Sand: Total 2-0.05 mm	Silt 0.05-0.002 mm	Clay <0.002 mm	Texture
					Quisibis						
Ap	0-6	46.0	ND	2.9	6.3	9.9	12.7	31.8	45.6	22.6	GrL
Ae	0-7	16.5	ND	1.0	3.5	5.7	10.2	20.4	50.1	29.5	CL
Bfh	7-8	28.7	ND	5.1	7.1	8.4	11.9	32.5	52.0	15.5	SiL
Bf	8-11	36.1	ND	13.5	8.0	8.5	7.2	37.2	42.1	20.7	L
C	11-20	19.5	ND	10.0	14.8	13.6	10.8	49.2	28.4	22.4	L
					Salmon						
Aeg	0-2	2.2	1.4	1.2	3.3	4.5	4.0	14.4	45.0	40.6	SiC
Bfg	2-5	5.0	0.5	3.2	4.4	5.3	5.3	18.7	46.4	34.9	SiCL
Btg	5-11	5.3	1.9	2.1	2.9	4.2	3.9	15.0	60.1	24.9	SiL
Cg	11+	8.0	2.6	2.8	4.8	7.8	6.1	24.1	34.9	41.0	C
					Serpentine						
Ae	0-1	47.0	ND	1.7	2.4	5.3	7.1	16.5	59.3	24.2	GrSiL
Bhf	1-2½	58.0	ND	2.3	2.7	3.9	4.5	13.4	69.9	16.7	GrSiL
Bhf2	2½-5½	42.9	ND	5.5	4.5	6.3	6.8	23.1	66.2	10.7	GrSiL
Bfh	5½-7½		ND	6.5	6.5	8.8	9.2	31.0	43.9	25.1	GrL
Bf	7½-13½	49.6	ND	7.9	6.3	8.3	10.1	32.6	51.0	16.4	GrSiL
BC	13½-25½	ND	ND	6.9	6.7	8.6	8.2	30.4	55.4	14.2	SiL
C	25½-33	ND	ND	5.2	6.0	8.1	8.3	27.6	52.2	20.2	SiL
C2	33-42+	ND	ND	5.5	5.9	7.7	9.2	28.3	49.4	22.3	L
					Siegas						
Ae	0-1	19.3	1.1	2.5	4.4	6.0	6.7	20.7	50.5	28.8	CL
Bfh	1-2	12.0	2.6	4.8	5.4	7.5	7.9	28.2	35.8	36.0	CL
Bf	2-4½	12.5	2.1	3.0	3.8	5.1	6.9	20.9	49.2	29.9	CL
Ae2	4½-7	7.1	2.4	4.2	6.3	8.2	8.1	29.2	43.8	27.0	CL
Bt	7-10	12.6	1.7	2.9	5.6	7.8	7.8	25.8	39.9	34.3	CL
Btgj	10-15	13.1	1.1	2.9	4.5	6.5	6.4	21.4	36.5	42.1	C
Btkg	15-36	19.0	2.2	3.2	5.3	7.2	6.8	24.7	37.2	38.1	C
Ckg	36-48	61.3	3.6	5.7	6.5	6.5	7.9	30.2	44.6	25.2	GrL
Cg	48-62	51.9	4.2	7.4	11.2	10.2	11.0	44.0	29.2	26.8	L
					Skin Gulch						
Aeg	0-1½	30.4	6.8	1.5	1.7	3.5	3.8	17.3	56.6	26.1	GrSiL
Bfhg	1½-4½	48.3	15.5	4.3	4.5	5.4	4.0	33.7	38.2	28.1	GrCL
Bfhg2	4½-9½	44.4	16.8	8.3	4.8	4.9	5.4	40.2	33.2	26.6	GrL
Cg	9½+	65.3	8.7	8.1	7.4	8.0	4.5	36.7	34.7	28.6	GrCL

					Thibault						
Ae	0-2	18.1	0.4	0.1	1.5	5.6	8.9	16.5	57.3	26.2	SiL
Bfh	2-10	65.1	15.0	2.2	6.8	9.7	11.6	45.3	35.1	19.6	GrL
Bf	10-15	43.4	16.4	2.6	8.9	7.8	13.9	49.6	40.3	10.1	GrL
Bf2	15-23	41.3	13.0	2.4	8.1	8.4	13.8	45.7	42.2	12.1	GrL
C	23-54	49.8	14.5	2.3	7.4	9.7	19.0	52.9	41.9	5.2	GrSL
C2	54+	57.3	10.1	2.0	8.7	14.8	12.5	48.1	44.2	7.7	GrSL
					Tuadook						
Ae	0-2	24.5	ND	4.7	8.3	13.7	11.4	38.1	47.0	14.9	L
Bhf	2-4½	46.4	ND	2.9	5.5	6.7	4.8	19.9	57.8	22.3	SiL
Bhf2	4½-7	19.7	ND	2.2	6.7	9.3	8.0	26.2	53.9	19.9	SiL
Bhf	7-9	21.9	ND	7.2	9.6	13.4	13.3	43.5	46.3	10.2	L
Bf	9-12	29.3	ND	6.4	10.6	13.1	11.9	42.0	46.8	11.2	L
Bf2	12-14	27.5	ND	6.8	8.9	13.0	11.2	39.9	50.1	10.0	L-SiL
BC	14-24	50.7	ND	6.8	11.6	14.0	11.4	43.8	48.3	7.9	SL-L
C	24-36	65.9	ND	6.4	10.1	11.8	9.2	37.5	51.6	10.9	SiL
C2	36-48	ND	ND	4.9	8.2	9.9	8.2	31.2	53.9	14.9	SiL
					Victoria						
Ap	0-3	30.1	5.5	17.7	17.2	14.4		54.8	31.3	13.9	GrSL
Ae		22.3	4.3	11.2	12.3	15.6		43.4	36.7	19.9	GrL
Bf		30.6	7.7	25.2	24.4	11.4		68.7	18.1	13.2	GrSL
C		64.6	7.5	37.3	16.6	10.6		72.0	17.7	10.3	GrSL
					Victoria						
Ae	0-3	59.1	4.4	7.6	9.7	39.9		61.6	26.9	11.5	GrSL
Bhf	3-6	45.0	4.6	4.0	13.1	31.1		52.8	38.6	8.6	GrSL
Bfh	6-9	41.3	7.9	17.4	9.5	18.8		53.6	37.1	9.3	SL
Bfj	9-13	45.4	8.9	16.7	9.4	16.8		51.8	36.2	12.0	GrSL
C	13+	61.0	6.8	16.6	9.7	16.7		49.8	31.2	19.0	GrL
					Washburn						
Ah	0-4	1.5	0.4	0.2	0.8	3.4	10.4	15.2	66.4	18.4	SiL
Bg	4-17	0.0	0.0	0.4	1.1	3.7	11.4	16.6	54.2	29.2	SiCL
Ckg	17-23	19.4	8.4	0.2	0.6	2.5	7.6	19.3	51.6	29.1	SiCL
Ckg2	23+	23.2	0.7	0.4	1.4	5.7	11.8	20.0	52.4	27.6	SiCL

Table 20. Physical analyses of representative soil profiles

Horizon	Depth inches	Percent of volume: Large pores at 60 cm H_2O	Small pores at 60 cm H_2O	Total pores	Gravel	Absolute specific gravity total soil	Bulk density g/cm^3	Percent of ovendry weight: Maximum water-holding capacity	Moisture equivalent	Hygroscopic moisture	Wilting point	Available water, in. ^{3}	Plastic limits
						Bellefleur							
L-H	2- 0	62.1	22.9	85.0	0.0	1.27	0.19	254	69	8.0	ND	ND	
Ae	0- 2	37.7	31.1	68.8	0.3	1.89	0.59	81	43	1.7	9.7	0.197	
Bfh	2- 4	32.3	42.2	74.5	1.2	2.94	0.75	85	42	3.5	19.0	0.169	
Bf	4- 8	25.3	40.6	65.9	3.8	2.76	0.94	69	36	2.0	10.0	0.238	
BC	8-12	12.8	26.9	39.7	3.7	2.15	1.30	46	30	1.7	7.0	0.288	
C	12-21	17.3	23.1	40.4	3.4	2.83	1.69	43	26	0.6	6.7	0.188	
Bt	21-36	12.5	31.6	44.1	2.9	2.79	1.56	48	26	0.8	9.4	0.247	
Bt2	36-56	6.3	30.9	37.2	3.1	2.87	1.80	44	25	0.7	7.8	0.305	
Bt3	56-59+	6.5	31.8	38.3	4.5	2.85	1.76	50	27	0.8	12.2	0.266	
						Boston Brook							
L-H	2- 0	48.0	31.4	79.4	0.0	0.92	0.16	512	119	10.3	ND	ND	
(Ae)	0- 2	16.0	36.3	52.3	15.4	2.62	1.24	43	33	1.2	5.1	ND	32.2
(Ae2)	Trace	ND	ND	ND	ND	ND	ND	ND	35	2.6	ND	ND	41.7
(Bfh)	2- 5	20.5	45.2	65.7	19.4	2.87	0.99	67	46	8.4	24.8	ND	63.0
(Bfh2)	5- 9	ND	ND	ND	ND	ND	ND	ND	37	3.4	12.0	ND	47.4
BC	9-15	19.6	35.5	55.1	26.5	2.83	2.83	43	30	2.8	8.9	ND	37.5
C	15+	16.4	23.5	39.9	45.1	2.70	2.70	25	25	1.7	ND	ND	31.4
						Boston Brook							
L-H	3- 0	65.6	33.2	98.8	0.0	0.12	0.15	671	160	17.1	112.0	ND	
Ae	0- 2	32.6	37.1	69.7	26.7	3.53	1.08	64	34	6.1	9.6	0.209	33.6
Bfh	2- 7½	56.1	29.6	85.7	23.2	7.59	1.12	77	39	8.4	15.9	0.197	47.4
Bf	7½-11½	18.7	39.1	57.8	24.1	2.73	1.16	50	42	5.3	10.9	0.261	30.9
BC	11½-17	21.6	29.6	51.2	28.4	2.81	1.48	37	23	2.5	6.7	0.165	24.2
C	17+	10.8	30.8	41.6	53.1	2.86	1.69	25	24	1.7	8.0	0.109	26.5
						Bourgoin							
L-H	3½- 0	43.8	52.7	96.5	0.0	0.45	0.16	602	142	11.1	ND	ND	
Ah	0- 1	38.7	47.1	85.9	0.0	2.98	0.42	254	75	5.8	ND	ND	111.6
Ahe	1- 3	15.7	58.4	74.1	3.3	2.66	0.69	110	56	3.9	ND	ND	73.9
Aeg	3-12	7.1	44.1	51.2	4.2	2.86	1.39	38	31	1.2	ND	ND	40.4
Bg	12-16	6.5	29.5	36.0	6.1	2.80	1.79	20	21	0.5	ND	ND	22.4
Cg	16+	5.1	34.6	39.6	2.8	2.92	1.75	23	27	0.9	ND	ND	34.5

Britt Brook

L									7.9		
F	3- 0	49.5	45.6	95.1	0.0	3.68	0.18	ND	ND	7.9	ND	ND
H									10.1		
Ae	0- 3	34.0	41.8	75.8	10.8	2.67	0.66	ND	33	1.2	6.7	0.154
Bhf	3- 5½	40.7	38.4	79.1	5.6	3.29	0.66	ND	55	9.8	48.4	0.430
Bhf2	5½- 8½	24.7	45.0	69.7	15.3	2.77	0.84	ND	46	8.3	27.7	0.193
Bfh	8½-14½	ND	ND	ND	ND	ND	ND	ND	37	5.3	17.6	ND
Bf	14½-21½	18.3	39.2	57.5	22.4	2.83	1.19	ND	29	2.9	8.5	0.190
Bf2	21½-30	19.2	30.8	50.0	31.6	2.03	1.41	ND	22	2.3	6.9	0.149
C	30-42	ND	ND	ND	ND	ND	ND	ND	26	2.0	7.8	ND
IIC	42-54	ND	ND	ND	ND	ND	ND	ND	23	1.3	7.9	ND

Caribou

Ap	0- 6	8.3	42.9	51.2	18.0	2.48	1.20	43	42	4.8	11.2	ND
Ah	0- 1	45.4	38.6	84.0	1.3	3.38	0.54	159	47	4.0	19.2	0.147
Ae	1- 2	34.7	39.0	73.7	4.4	3.08	0.81	91	32	1.7	7.7	0.189
Bfh	2- 3	15.8	49.1	64.9	5.3	2.49	0.87	74	44	9.3	19.0	0.237
Bfh2	3- 8	10.9	48.5	59.4	ND	2.54	1.03	58	42	5.1	15.6	ND
Bf	8-15	ND	ND	ND	7.5	ND	ND	ND	33	4.3	12.3	0.279
C	15+	9.9	36.0	45.9	12.8	2.65	1.43	32	24	1.8	7.6	ND

Caribou

L-H	1- 0	50.1	23.9	74.0	ND	1.00	0.26	368	96	7.0	ND	ND
Ah	0- 2	35.8	26.3	62.1	ND	1.59	0.60	123	43	2.4	5.1	0.220
Ae	Tr	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND
Bfh	2-10	29.0	42.0	71.0	5.8	2.83	0.82	76	37	4.3	14.0	0.182
Bf	10-14	30.1	33.2	63.3	6.9	2.89	1.06	59	31	2.1	8.7	0.220
Bt	14-24	23.0	26.1	49.1	16.8	2.87	1.46	41	25	1.2	8.6	0.207
Bt2	24-30	11.7	28.0	39.7	19.0	2.70	1.64	43	25	1.0	11.7	0.193
C	30-40	11.5	29.1	40.6	21.2	2.63	1.56	40	23	1.1	11.6	0.142
C2	40-49	16.8	29.3	46.2	42.3	2.97	1.60	45	23	0.9	ND	ND

Carlingford

L-H	1- 0	28.0	49.0	77.0	0.0	1.97	0.47	165	75	7.5	ND	ND
Ah	0- 2	17.9	49.3	67.2	3.8	2.05	0.64	104	52	6.4	21.5	0.192
Aejg	2- 5	17.4	42.5	59.9	7.5	2.60	0.91	66	29	1.7	6.0	0.190
Btjgj	5-11	15.5	41.6	57.1	5.4	2.62	1.11	51	26	1.3	6.0	0.211
Btj	11-15	7.4	39.8	47.2	3.3	2.59	1.37	31	25	0.9	4.8	0.270
Ce	15-30	8.4	44.1	52.5	8.4	2.59	1.23	43	25	1.2	6.5	0.199

Table 20. Physical analyses of representative soil profiles (continued)

Horizon	Depth inches	Percent of volume: Large pores at 60 cm H_2O	Small pores at 60 cm H_2O	Total pores	Gravel	Absolute specific gravity total soil	Bulk density[3] g/cm³	Percent of ovendry weight: Maximum water-holding capacity	Moisture equivalent	Hygroscopic moisture	Wilting point	Available water,[3] in in.	Plastic limits
						Clearwater							
L	2½- 2½	47.8	39.2	87.0	ND	0.90	0.12	ND	ND	7.0	ND	ND	
F	2½- 1½	26.1	41.8	67.9	ND	0.31	0.10	ND	ND	5.9	ND	ND	
H	1½- 0	53.8	36.0	89.8	ND	1.57	0.16	ND	ND	11.5	ND	ND	
Bhf	0- 2	55.7	19.2	74.9	ND	2.60	0.65	ND	45	6.7	32.6	ND	
Bfh	2-10	40.6	17.3	57.9	ND	2.62	1.11	ND	21	5.4	6.1	ND	
Bf	10-27	30.9	16.6	47.5	ND	2.57	1.35	ND	15	3.9	10.3	ND	
CB	27-34	24.9	18.2	43.1	ND	2.67	1.52	ND	13	1.7	3.9	ND	
C	34-41	28.7	13.3	42.0	ND	2.88	1.67	ND	17	1.1	2.9	ND	
C2	41-52	27.9	8.2	36.1	ND	2.82	1.80	ND	15	1.2	2.1	ND	
						Five Fingers							
L-H	7- 0	43.5	48.9	92.4	0.0	0.65	0.50	464	154	13.8	ND	ND	
Aeg	0- 5	14.1	35.1	49.2	6.2	2.81	1.43	43	28	1.2	10.8	0.230	
Bg	5-10	11.0	38.3	49.3	5.4	2.82	1.43	47	25	0.8	8.3	0.226	
Ckg	10-15	9.8	29.8	39.6	18.6	2.75	1.66	43	22	0.5	7.8	0.186	
Ckg2	15-24	8.7	20.4	29.1	27.6	2.74	1.94	33	17	0.2	5.8	0.159	
Ckg3	24-39	5.2	17.5	22.7	28.4	2.48	1.92	31	16	0.4	4.6	0.156	
Ckg4	39+	1.3	16.6	23.9	47.8	2.97	2.26	29	16	0.1	5.2	0.196	
						Flemming							
Ap	0- 6	27.0	26.0	53.0	0.0	2.48	1.16	85	42	2.2	10.6	0.364	
L-H	5- 0	59.0	28.0	87.0	-	1.29	0.17	557	179	14.6	52.0	0.216	
Ae	0- 1	27.0	30.0	57.0	0.0	2.19	0.94	64	34	1.7	6.4	0.255	
Bf	1- 2	41.0	27.0	68.0	0.0	2.56	0.81	89	35	3.3	12.6	0.181	
Bfj	2-10	32.0	30.0	62.0	0.0	2.64	0.99	76	37	2.9	7.5	0.292	
Cgj	10-19+	31.0	29.0	60.0	0.0	3.06	1.22	57	28	1.6	5.2	0.274	

							Glassville						
L-H	**3- 0**	**47.9**	**31.1**	**79.0**	0.0	ND	0.20	459	164	10.0	ND	ND	ND
Ae	0- 3	ND	ND	54.0	10.5	ND	0.96	ND	39	1.9	ND	ND	ND
Bhf	3- 5	49.2	14.1	63.3	15.6	ND	0.78	81	41	7.1	ND	ND	ND
Bhf2	5-13	29.5	44.3	48.7	33.8	ND	1.10	67	33	8.4	ND	ND	ND
Bfh	13-22	19.8	19.1	38.9	34.1	ND	1.44	23	21	4.4	ND	ND	ND
C	22-48	21.7	8.5	30.2	32.8	ND	1.82	17	11	1.1	ND	ND	ND
							Glassville						
Ap	0- 6	24.0	18.0	42.0	25.2	2.40	1.39	61	27	2.1	9.2	0.176	
L-H	2- 0	66.0	22.0	88.0	0.0	1.65	0.20	516	128	9.9	ND	ND	
Ae	0- 2	16.0	13.0	29.0	42.0	1.42	1.01	71	31	1.9	ND	ND	
Bhf	2- 8	42.0	27.0	69.0	6.1	2.26	0.71	107	42	6.7	ND	ND	
Bfj	8-16	29.0	23.0	52.0	20.2	2.23	1.17	56	25	2.9	ND	ND	
C	16+	25.0	28.0	53.0	32.2	3.36	1.58	53	28	1.8	ND	ND	
							Grand Falls						
L-H	2- 0	64.0	23.0	87.0	0.0	1.40	0.18	600	158	9.5	ND	ND	
Ae	0- 4	31.0	20.0	51.0	31.9	2.47	1.21	79	31	2.3	ND	ND	52.1
Bf	4- 6	35.0	16.0	51.0	27.0	2.47	1.21	74	23	2.7	ND	ND	41.5
Bf2	6-12	30.0	24.0	54.0	27.3	3.01	1.39	66	30	3.3	ND	ND	43.4
C	12-16+	32.0	13.0	45.0	36.1	2.54	1.40	43	12	0.9	ND	ND	27.4
							Harquail						
Ap	0- 6	28.0	30.0	58.0	5.7	2.55	1.07	77	40	2.4	15.4	0.242	
L-H	1- 0	65.0	20.0	85.0	0.0	1.71	0.26	548	128	6.4	93.8	0.089	
Ae	0- 2	24.0	30.0	54.0	17.2	2.48	1.14	66	36	1.5	7.9	0.269	43.7
Bf	2- 7	40.0	28.0	68.0	3.7	2.38	0.76	104	43	2.5	13.9	0.210	55.7
Bf2	7-10	23.0	22.0	45.0	18.6	2.52	1.14	79	39	2.1	9.6	0.261	39.8
Bt	10-11	35.0	22.0	57.0	10.1	2.93	1.27	101	39	1.2	7.3	0.354	
Bt2	11-18	13.0	14.0	27.0	17.4	1.83	1.33	77	41	1.9	9.2	0.330	41.6

Table 20. Physical analyses of representative soil profiles (continued)

Horizon	Depth inches	Percent of volume: Large pores at 60 cm H_2O	Small pores at 60 cm H_2O	Total pores	Gravel	Absolute specific gravity total soil	Bulk density g/cm^3	Percent of ovendry weight: Maximum water-holding capacity	Moisture equivalent	Hygroscopic moisture	Wilting point	Available water, in.	Plastic limits
							Holmesville						
Ap	0- 6	31.0	38.0	59.0	11.5	2.36	0.97	100	47	4.6	ND	ND	
L-H	1- 0	65.0	20.0	85.0	0.0	1.97	0.29	445	103	8.2	ND	ND	
Ae	0- 2	26.0	30.0	56.0	4.2	2.55	1.12	57	30	1.5	ND	ND	
Bhf	2- 5	44.0	23.0	67.0	2.6	2.49	0.82	122	43	6.0	ND	ND	
Bfh	5- 9	37.0	29.0	66.0	7.8	2.45	0.83	93	42	5.2	ND	ND	
BC	9-13	21.0	30.0	51.0	4.9	2.62	1.28	45	26	1.6	ND	ND	
C	13+	14.0	22.0	36.0	9.2	2.69	1.72	36	22	0.6	ND	ND	
							Holmesville						
Ap	0- 6	7.1	49.1	56.2	11.7	2.31	1.16	49	40	3.1	ND	ND	51.9
L-H	1- 0	45.3	48.3	93.6	0.0	0.42	0.28	340	84	7.7	ND	ND	ND
Ae	0- 1	14.5	19.3	33.8	11.2	2.18	1.26	34	35	1.3	5.0	0.330	39.3
Bf	1- 3	16.5	39.2	55.7	14.4	2.55	1.13	49	33	3.0	12.4	0.195	48.8
Bf2	3- 6	10.1	37.6	47.7	11.3	2.49	1.30	37	26	1.9	7.4	0.219	35.1
BC	6-10	10.7	34.7	45.4	16.1	2.61	1.43	32	25	1.7	16.0	0.109	30.3
C	10+	8.4	29.8	38.2	24.2	2.67	1.61	24	20	0.9	4.2	0.192	22.4
							Holmesville						
L-H	2- 0	53.5	24.8	78.3	0.0	1.12	0.26	315	104	6.2	ND	ND	ND
Ae	0- 2	26.5	26.2	52.7	5.2	1.40	0.69	76	30	1.5	4.7	0.166	20.9
Bfh	2- 5	17.5	42.3	59.8	5.2	1.80	0.71	85	35	5.7	17.9	0.115	50.2
Bfh2	5- 7	8.3	50.3	58.6	7.2	2.34	0.97	61	31	4.7	15.2	0.142	47.3
Bf	7-14	9.6	37.6	47.2	12.0	2.32	1.21	39	23	4.4	7.5	0.167	27.8
C	14-48	5.1	26.3	31.4	16.2	2.44	1.67	19	17	0.8	3.9	0.183	10.7
C2	48-54	4.2	38.3	42.5	26.5	2.94	1.39	24	18	0.6	6.2	ND	ND
							Holmesville						
L-H	2- 0	56.2	26.0	82.2	ND	0.73	0.13	627	74	7.5	ND	ND	
Ae	0- 2	37.0	28.2	65.2	ND	2.18	0.76	87	27	1.5	7.3	0.152	
Bhf	2- 2½	38.1	37.4	75.5	ND	2.69	0.66	122	21	5.8	ND	ND	
Bhf2	2½- 4	32.3	38.6	70.9	ND	2.30	0.67	94	26	5.0	17.1	0.060	
Bfh	4- 6	18.0	39.1	57.3	ND	2.44	1.04	56	28	2.7	9.9	0.183	
Bf	6-12	13.9	33.3	47.2	ND	2.52	1.33	36	20	1.2	4.9	0.202	
BC	12-18	10.9	26.5	37.4	23.8	2.61	1.63	23	17	0.8	3.9	0.167	
C	18-40	5.8	19.8	25.6	39.6	2.66	1.98	13	14	0.3	1.6	0.141	
C2	40-52	3.4	24.7	28.1	20.8	2.73	1.96	15	19	0.7	5.2	0.199	

Jardine

L-H	1- 0	56.7	35.1	91.8	ND	1.16	0.17	568	141	11.6	ND	ND	
Ae	0- 1	24.6	38.5	63.1	6.9	2.66	1.11	62	30	1.3	4.5	0.282	
Bf	1- 3	16.9	44.6	61.5	5.7	2.57	0.99	63	36	3.7	15.0	0.195	
Bf2	3- 6	11.9	45.5	57.4	16.3	2.73	1.10	55	29	3.4	15.0	0.219	
Bf3	6-11	11.8	41.1	59.9	16.3	2.69	1.28	41	32	2.4	10.1	0.268	
Bt	11-15	10.8	40.0	50.8	5.8	2.69	1.30	39	30	1.8	14.3	0.175	
Bt2	15-22	ND	ND	ND	ND	ND	ND	53	25	2.0	ND	ND	
C	22+	13.6	37.0	50.6	21.7	2.74	1.36	38	33	1.9	ND	ND	

Johnville

L-H	1- 0	55.3	38.5	93.8	0.0	2.01	0.13	618	142	10.1	ND	ND	
Aeg	0- 1	30.7	39.9	70.6	6.9	3.17	0.93	88	35	2.0	ND	ND	41.3
Bfg	1- 4	6.7	52.1	58.8	7.1	2.44	1.01	58	49	3.8	ND	ND	60.6
Bfjg	4- 7	4.7	53.8	58.5	11.7	2.58	1.07	55	40	2.7	ND	ND	48.2
BCg	7-12	4.3	39.0	43.3	7.2	2.59	1.47	54	28	1.2	ND	ND	31.1
Cg	12+	4.0	30.5	34.5	8.6	2.80	1.84	19	24	1.2	ND	ND	40.6

Johnville

L-H	3- 0	33.4	42.2	75.6	ND	ND	0.20	518	114	7.3	ND	ND	ND
Ahe	0- 1	20.3	36.7	57.0	16.9	2.16	0.95	82	28	2.0	10.7	0.137	57.8
Aeg	1-13	5.9	24.8	30.7	15.0	2.64	1.83	36	17	3.2	3.4	0.214	14.3
Bg	13-21	3.0	25.4	28.4	21.3	2.76	1.88	34	18	0.5	3.9	0.209	12.5
Cg	21+	4.1	21.8	25.9	27.3	2.72	2.00	35	17	0.5	5.7	0.494	13.2

Johnville

L	3- 2½									7.1			
F	2½- 1½	40.4	46.5	86.9	0.0	1.22	0.16	309	ND	7.6	ND	ND	
H	1½- 0									8.0			
Aeg	0- 2	29.7	38.3	69.0	4.8	3.55	1.10	60	36	1.4	8.1	0.290	
Bfhg	2- 4	26.1	35.9	62.0	32.9	3.63	1.38	65	37	3.0	15.4	0.203	
Bfjg	4- 9	6.4	39.5	45.9	26.4	2.50	1.40	49	20	1.0	9.3	0.106	
BCg	9-22	4.0	26.3	30.3	34.7	2.63	1.83	29	24	1.2	6.1	0.218	
Cg	22-32	7.3	19.9	27.2	28.6	2.72	1.98	25	19	0.5	3.8	0.214	
Cg2	32-48	5.9	19.1	25.0	22.9	2.44	1.83	24	21	0.6	4.9	0.223	
C	48-60+	4.4	25.8	30.2	19.5	2.76	1.93	37	20	0.7	6.1	0.218	

Table 20. Physical analyses of representative soil profiles (continued)

Horizon	Depth inches	Percent of volume: Large pores at 60 cm H_2O	Small pores at 60 cm H_2O	Total pores	Gravel	Absolute specific gravity total soil	Bulk density g/cm^3	Percent of ovendry weight: Maximum water-holding capacity	Moisture equivalent	Hygroscopic moisture	Wilting point	Available water, $_3$ in in.	Plastic limits
							Kedgwick						
L-H	2- 0	59.0	33.0	92.0	ND	0.02	0.14	692	119	26.8	ND	ND	
Ae	0- 2	30.0	32.8	62.8	ND	2.93	1.08	59	30	1.9	5.7	0.255	3.2
Bf	2- 3½	38.4	34.4	72.8	ND	2.68	0.73	84	31	4.8	10.6	0.160	25.6
Bf2	3½- 7½	29.7	35.3	65.0	ND	2.97	1.02	72	26	6.2	12.2	0.141	35.6
Bt	7½-13	24.4	32.5	56.9	ND	2.94	1.26	55	28	4.2	10.8	0.205	33.4
Bt2	13-21	19.3	28.9	48.2	ND	2.87	1.46	33	25	1.5	14.9	0.134	28.8
Bt3	21-36	12.4	29.3	41.7	ND	2.88	1.68	25	26	2.4	18.5	0.112	36.1
Bt4	36-48	27.7	30.8	38.5	ND	2.99	1.83	21	24	2.6	15.8	0.142	32.0
Ck	48-54+	11.7	23.5	35.2	ND	2.71	1.76	19	22	1.3	14.1	0.121	26.4
							Kingsclear						
L-H	1- 0	45.3	47.8	93.1	0.0	0.04	0.30	271	71	10.7	ND	ND	
Ae	0- 1	28.2	27.1	55.3	7.4	2.81	1.26	42	27	1.7	6.2	0.237	
Bt	1- 8	17.9	33.4	51.3	4.7	2.93	1.43	46	31	2.3	11.4	0.187	
Bt2	8-15	10.5	34.5	45.0	1.0	2.80	1.54	50	26	2.6	18.0	0.125	
Bt3	15-26	8.5	33.2	41.7	2.8	2.86	1.67	42	25	3.5	15.2	0.156	
BC	26-38	9.0	33.1	42.1	12.1	2.78	1.61	42	23	2.5	12.8	0.149	
Ck	38-52	11.7	21.1	32.8	5.5	2.84	1.91	28	17	2.0	7.4	0.171	
Ck2	52-64	9.4	24.1	33.5	10.6	2.85	1.90	30	18	1.9	7.1	0.183	
							Long Lake						
L	2½- 1½									6.7			
F	1½- ¼	55.8	43.2	99.0	0.0	ND	0.22	ND	ND	7.6	ND	ND	
H	¼- 0									7.2			
Ae	0- 1½	ND	ND	ND	ND	ND	ND	ND	33	6.3	4.5	ND	
Bhf	1½- 4	39.3	40.7	80.0	6.5	0.31	0.61	ND	49	7.3	31.7	0.097	
Bhf2	4- 7	31.4	41.1	72.5	14.1	2.58	0.71	ND	50	9.2	33.0	0.162	
Bhf3	7-11	20.6	47.9	68.5	14.9	2.66	0.84	ND	47	7.6	27.3	0.073	
Bfh	11-18	ND	ND	ND	ND	ND	ND	ND	39	4.9	17.9	ND	
BC	18-21	18.3	25.3	43.6	24.4	2.84	1.60	ND	35	1.3	4.7	0.334	
C	21-30	13.9	23.0	36.9	33.8	2.81	1.77	ND	21	0.8	3.3	ND	
C2	30-38	ND	ND	ND	ND	ND	ND	ND	23	0.8	3.0	ND	

Maliseet

Ap	0- 4	30.0	18.0	48.0	ND	2.59	1.35	59	22	1.6	ND	ND	32.8
Bf	4-10	37.0	19.0	56.0	ND	2.71	1.19	59	20	1.9	ND	ND	31.2
BC	10-15	36.0	17.0	53.0	ND	2.71	1.27	42	14	1.1	ND	ND	28.5
C	15+	34.0	13.0	47.0	ND	2.62	1.38	46	13	0.9	ND	ND	27.2

Maliseet

L-H	1- 0	24.1	55.1	79.2	0.0	0.60	0.12	ND	ND	ND	ND	ND	
Ae	0- 2	35.0	23.1	58.1	5.7	2.70	1.12	63	23	0.4	3.8	0.200	
Bfh	2- 4	37.1	35.3	72.4	9.2	2.90	0.82	86	26	1.9	15.6	0.070	
Bf	4- 7	36.0	32.7	68.7	5.7	3.90	0.92	78	20	1.9	4.8	0.120	
BC	7-11	35.7	21.0	56.7	4.2	2.50	1.09	64	16	1.2	1.8	0.150	
C	11-15	29.5	21.9	51.4	10.4	2.60	1.26	42	10	0.5	1.2	0.100	
C2	15-24	29.2	13.4	42.6	4.3	2.50	1.44	34	7	0.1	1.3	0.076	
C3	24-36	21.6	8.8	30.4	16.4	2.50	1.74	29	10	0.1	1.0	0.120	
C4	36-52	7.0	34.4	41.4	0.9	2.50	1.48	39	3	0.1	1.2	0.002	
C5	52-66+	ND	ND	ND	ND	ND	1.50	33	8	0.2	1.3	0.110	

McGee

Ae	0- 4	ND	ND	ND	10.5	ND	0.96	ND	39	1.9	6.4	0.280	
Bhf	4- 5	14.1	49.2	63.3	15.6	2.12	0.78	81	41	7.1	19.8	0.140	
Bhf2	5- 6	44.3	29.5	48.7	33.8	2.14	1.10	67	33	8.2	20.5	0.091	
Bfh	6-12	19.1	19.8	38.9	34.1	2.35	1.44	27	21	4.4	7.7	0.126	
C	12-15+	8.5	21.7	30.2	32.8	2.61	1.82	17	11	1.1	2.5	0.104	

McGee

L-H	1- 0	55.5	43.0	98.5	0.0	1.20	0.18	557	160	22.9	ND	ND	
Ae	0- 1½	48.4	34.5	82.9	1.0	5.74	0.98	77	33	3.7	10.0	0.233	42.9
Bhf	1½- 3	43.7	37.1	80.9	10.4	3.49	0.67	121	40	10.7	18.4	0.139	61.8
Bfh	3- 6	37.2	38.4	75.6	21.0	2.87	0.70	106	37	6.6	23.0	0.079	42.3
BC	6-11	34.5	31.5	66.0	30.6	3.12	1.06	61	21	2.7	7.4	0.115	26.4
C	11-54	30.4	18.8	49.2	35.4	2.74	1.39	33	12	0.3	3.6	0.076	16.2
C2	54+	24.9	21.6	46.5	ND	2.97	1.59	30	11	0.0	ND	ND	19.6

Table 20. Physical analyses of representative soil profiles (continued)

Horizon	Depth inches	Percent of volume: Large pores at 60 cm H_2O	Small pores at 60 cm H_2O	Total pores	Gravel	Absolute specific gravity total soil	Bulk density g/cm^3	Percent of ovendry weight: Maximum water-holding capacity	Moisture equivalent	Hygroscopic moisture	Wilting point	Available water, in.	Plastic limits
						Monquart							
L-H	1- 0	31.0	33.5	64.5	0.0	2.51	0.89	94	43	3.0	ND	ND	
Ae	0- 2	30.4	31.5	61.9	10.4	2.52	0.96	60	32	1.2	5.7	0.228	
Bfh	2- 6	45.6	37.6	83.2	6.1	3.94	0.65	112	45	3.9	14.3	0.186	
Bfh2	6-10	26.6	40.4	67.0	9.6	2.57	0.85	73	32	3.3	11.7	0.153	
Bfj	10-13	11.3	31.4	42.7	31.7	2.76	1.58	38	19	1.4	5.6	0.147	
Bfj2	13-26	18.2	28.5	46.7	24.9	2.85	1.52	30	18	1.2	4.4	0.155	
C	26-42	12.4	25.2	37.6	32.9	2.77	1.73	25	19	0.5	2.6	0.190	
C2	42-60	9.6	24.8	34.4	31.3	2.64	1.73	22	15	0.6	3.4	0.134	
C3	60-64+	7.6	30.6	38.2	23.0	2.86	1.77	34	22	0.8	8.9	0.177	
						Nackawic							
L-H	6- 2	52.8	39.6	92.4	0.0	0.18	0.14	463	118	ND	ND	ND	
H	2- 0	23.6	71.0	94.6	0.0	0.48	0.26	323	94	6.0	ND	ND	
Ahe	0- 6	30.1	57.7	87.8	0.0	0.41	0.50	113	56	3.6	48.5	0.037	
Bg	6-11	5.5	43.4	48.9	0.2	2.88	1.47	55	32	1.5	17.2	0.217	
Ckg	11-21	9.3	24.4	33.7	19.5	2.83	1.88	39	21	0.9	14.5	0.253	
Ckg2	21-32	4.2	27.9	32.1	12.0	2.83	1.93	31	16	1.4	6.9	0.158	
Ck	32-52	5.0	26.1	31.1	13.0	2.82	1.94	40	20	1.5	9.1	0.189	
Ck2	52-64	3.7	27.5	31.2	12.6	2.86	1.97	40	20	1.4	10.9	ND	
						Poitras							
L-H	6- 3	21.9	66.2	88.1	0.0	0.93	0.13	671	165	12.9	ND	ND	
H2	3- 0	ND	ND	ND	0.0	ND	ND	ND	195	17.3	ND	ND	
Aheg	0- 4	5.2	67.7	72.9	0.0	2.56	0.69	107	50	3.8	ND	ND	
Bg	4-12	4.6	52.6	57.2	7.1	2.73	1.17	45	30	2.0	ND	ND	
Cg	12+	5.1	26.9	32.0	26.8	2.84	1.93	17	28	1.2	ND	ND	
						Poitras							
L-H	2- 0	ND	ND	ND	0.0	ND	ND	ND	ND	12.0	ND	ND	ND
Ahe	0- 7	43.5	41.4	84.9	0.0	2.58	0.11	89	39	3.8	23.2	0.172	76.5
Aeg	7-11	4.0	41.3	45.3	4.2	2.47	1.43	32	29	1.2	8.8	0.219	24.0
Cg	11-22+	2.5	21.8	24.3	13.5	2.02	2.02	12	16	0.4	5.2	0.189	13.8

Poitras

L-H	3- 0	51.1	26.5	77.6	0.0	0.54	0.12	54	137	4.7	ND	ND	
Aeg	0-10	9.5	26.6	36.1	42.4	2.83	1.81	38	23	0.7	16.8	0.062	
Bg	10-22	3.7	29.0	32.7	10.7	2.70	1.82	23	18	0.4	4.1	0.230	
Cg	22-32	6.8	25.0	31.8	22.2	2.79	1.90	30	19	0.3	4.7	0.225	
Cg2	32-42	5.9	24.8	30.7	23.2	2.77	1.92	33	21	0.3	4.2	0.244	
Cg3	42-54	6.8	26.4	33.2	29.1	2.91	1.95	32	21	0.3	6.9	0.124	
Cg4	54+	5.9	21.1	27.0	37.4	2.75	2.01	22	13	0.3	3.6	0.114	

Quisibis

Ap	0- 6	22.0	25.0	47.0	22.2	2.06	1.09	91	48	4.5	ND	ND	
L-H	3- 0	60.0	19.0	79.0	0.0	1.37	0.29	551	130	8.4	ND	ND	
Ae	0- 7	25.0	30.0	55.0	9.2	2.36	1.07	68	37	1.1	8.1	0.256	**42.9**
Bfh	7- 8	44.0	20.0	64.0	11.0	2.41	0.87	101	39	6.0	16.2	0.169	**61.3**
Bf	8-11	32.0	26.0	58.0	17.2	2.56	1.08	63	28	2.3	8.4	0.169	**36.1**
C	11-20	27.0	16.0	43.0	13.0	2.56	1.47	52	19	1.6	6.4	0.150	**25.7**

Salmon

L-H	½- 0	45.9	48.6	94.5	0.0	0.33	0.18	517	124	11.7	ND	ND	
Aeg	0- 2	7.9	52.4	60.3	2.3	2.79	1.11	66	44	2.5	ND	ND	**57.1**
Bfg	2- 5	9.3	64.3	73.6	1.3	2.57	0.68	110	44	2.9	ND	ND	**52.9**
Btg	5-11	5.4	33.3	38.7	3.7	2.86	1.73	23	28	0.8	ND	ND	**29.8**
Cg	11+	6.3	30.0	36.3	5.9	2.84	1.81	20	23	1.0	ND	ND	**31.3**

Serpentine

L	1- ¾									8.2		
F	¾- ½	50.0	41.2	91.2	0.0	2.46	0.13	ND	ND	7.7	ND	ND
H	½- 0									5.2		
Ae	0- 1	29.1	30.6	59.7	ND	2.85	1.16	ND	33	1.0	17.9	ND
Bhf	1- 2½	30.7	43.2	73.9	ND	3.33	0.82	ND	46	6.3	57.4	ND
Bhf2	2½- 5½	25.4	39.5	64.9	ND	2.57	0.90	ND	30	7.0	34.8	ND
Bfh	5½- 7½								35	4.8	27.2	ND
Bf	7½-13½	18.4	34.1	52.5	ND	2.45	1.32	ND	31	2.6	16.9	ND
BC	13½-25½	ND	ND	ND	ND	ND	ND	ND	26	1.6	14.9	ND
C	25½-33	ND	ND	ND	ND	ND	ND	ND	23	1.1	6.7	ND
C2	33-42+	ND	ND	ND	ND	ND	ND	ND	22	1.3	7.2	ND

Table 20. Physical analyses of representative soil profiles (continued)

Horizon	Depth inches	Percent of volume: Large pores at 60 cm H_2O	Small pores at 60 cm H_2O	Total pores	Gravel	Absolute specific gravity total soil	Bulk density g/cm[3]	Percent of ovendry weight: Maximum water-holding capacity	Moisture equivalent	Hygroscopic moisture	Wilting point	Available water,[3] in in.	Plastic limits
						Siegas							
L-H	1- 0	50.4	34.8	85.2	0.0	2.80	0.42	141	45	3.4	ND	ND	
Ae	0- 1	34.0	33.3	67.2	3.9	5.08	1.66	60	34	1.5	9.4	0.395	
Bfh	1- 2	34.5	39.7	74.2	3.6	2.90	0.75	97	42	4.1	14.9	0.195	
Bf[2]	2- 4½	25.7	44.2	69.9	3.7	2.97	0.89	72	37	2.2	8.5	0.242	
Ae	4½- 7	7.8	35.8	43.6	4.7	2.91	1.64	37	25	0.8	5.2	0.305	
Bt	7-10	8.1	28.2	36.3	10.5	2.64	1.68	37	23	0.8	8.0	0.230	
Btgj	10-15	8.4	27.8	36.2	9.4	2.82	1.80	41	24	0.9	11.0	0.216	
Btkg	15-36	8.2	27.5	35.7	13.1	2.72	1.75	42	23	1.1	9.4	0.204	
Ckg	36-48	9.8	18.4	28.2	47.3	2.95	2.12	33	19	0.7	5.0	0.161	
Cg	48-62	6.9	28.2	35.1	42.3	2.94	1.89	40	25	0.7	6.7	0.202	
						Skin Gulch							
L-H	2- 0	48.4	38.1	86.5	0.0	1.04	0.14	449	151	13.8	ND	ND	
Aeg	0- 1½	29.7	33.3	63.0	11.5	2.45	0.91	70	44	2.8	ND	ND	54.6
Bfhg	1½- 4½	25.4	40.6	66.0	19.1	2.91	0.99	66	44	5.5	ND	ND	64.7
Bfhg2	4½- 9½	22.6	40.0	62.6	18.5	2.79	1.04	63	43	5.2	ND	ND	36.8
Cg	9½+	14.7	23.2	37.9	45.4	2.79	1.73	38	30	1.7	ND	ND	31.9
						Thibault							
L-H	1½- 0	59.2	38.2	97.4	0.0	7.15	0.32	303	90	16.5	5.9	2.710	
Ae	0- 2	36.5	37.6	74.1	7.2	3.18	1.00	74	30	3.8	8.5	0.201	36.1
Bfh	2-10	32.3	31.5	63.8	5.7	2.65	0.99	68	43	13.6	15.1	0.264	64.1
Bf	10-15	23.4	34.2	57.6	21.9	2.79	1.18	50	20	4.3	7.0	0.122	34.6
Bf2	15-23	22.4	25.2	47.6	22.4	2.74	1.43	33	16	2.2	5.1	0.123	25.2
C	23-54	19.2	25.4	44.6	31.3	2.84	1.58	28	11	1.1	3.3	ND	22.1
C2	54+	18.6	26.2	44.8	34.0	2.87	1.59	28	2	1.0	3.7	0.119	21.1
						Tuadook							
L	1½- 1½									7.5	ND	ND	
F	1½- ½	59.1	37.7	96.8	0.0	0.53	0.17	ND	ND	7.6	ND	ND	
H	½- 0									5.9	ND	ND	
Ae	0- 2	36.5	30.2	66.7	9.5	2.63	0.87	ND	33	0.8	7.8	0.193	
Bhf	2- 4½	27.1	35.5	62.6	17.2	1.29	0.48	ND	48	7.0	38.2	0.040	
Bhf2	4½- 7	31.8	40.4	72.2	7.3	2.55	0.71	ND	41	5.9	25.7	0.096	
Bfh	7- 9	27.0	36.9	63.9	8.1	2.88	1.04	ND	29	4.1	21.3	0.076	
Bf	9-12	20.2	36.9	57.1	10.9	2.70	1.16	ND	30	3.4	13.0	0.175	
Bf2	12-14	12.2	36.6	48.8	10.2	3.22	1.36	ND	28	2.2	7.5	0.148	

BC	14-24	11.5	32.0	43.5	18.4	2.72	1.54	ND	21	0.9	3.8	0.022	
C	24-36	7.6	28.4	36.0	24.4	2.82	1.81	ND	26	0.7	3.4	0.305	
C2	36-48	ND	ND	ND	ND	ND	ND	ND	20	0.8	ND	ND	
						Victoria							
Ap	0- 3	31.0	21.0	52.0	14.2	2.52	1.20	74	30	2.2	ND	ND	43.6
Ae		23.0	26.0	49.0	13.3	2.73	1.39	49	26	1.1	ND	ND	29.2
Bf		26.0	21.0	47.0	17.2	2.61	1.39	48	21	1.5	ND	ND	25.3
C		21.0	12.0	33.0	43.9	2.52	1.68	37	13	0.8	ND	ND	19.8
						Victoria							
L-H	2- 0	63.0	22.0	85.0	0.0	1.0	0.15	555	143	9.3	ND	ND	ND
Ae	0- 3	24.0	25.0	49.0	31.1	2.17	1.11	79	41	2.1	ND	ND	52.2
Bhf	3- 6	32.0	22.0	54.0	21.6	1.90	0.88	139	56	9.3	ND	ND	73.0
Bfh	6- 9	23.0	26.0	59.0	17.2	2.23	0.91	107	47	6.6	ND	ND	70.3
Bf1	9-13	25.0	24.0	49.0	27.9	2.41	1.22	84	41	3.3	ND	ND	39.9
C	13			48.0	32.2	2.01	1.37	ND	ND	1.9	ND	ND	29.6
						Washburn							
L-H	4- 2	42.6	36.7	79.3	0.0	0.93	0.17	454	212	18.6	ND	ND	
H2	2- 0	12.1	73.7	85.8	0.0	2.45	0.33	266	164	20.1	ND	ND	
Ah	0- 4	12.3	68.2	80.5	0.9	2.07	0.40	200	80	7.3	ND	ND	
Bg	4-17	6.1	58.9	65.0	0.0	2.70	1.00	67	38	1.5	ND	ND	
Cg	17-23	6.7	52.1	58.8	5.6	2.86	1.17	51	35	2.1	ND	ND	
Ckg	23+	7.9	48.6	56.5	11.4	2.83	1.20	49	39	2.4	ND	ND	
						St. Quentin Peat							
	0-10	55.0	40.8	95.8	ND	ND	0.2	771	ND	ND	ND	ND	ND
	10-18	16.4	82.5	98.9	ND	ND	0.2	886	ND	ND	ND	ND	ND
	18-36	17.8	79.7	97.5	ND	ND	0.2	909	ND	ND	ND	ND	ND
	36-47	18.1	83.7	101.8	ND	ND	0.1	2472	ND	ND	ND	ND	ND
	47-49 (sed.)	21.3	74.8	96.1	ND	ND	0.1	799	ND	ND	ND	ND	ND
Aeg	49-50	ND	ND	ND	ND	ND	ND	72.4	29.9	0.91	9.3	ND	ND
Aeg2	50-54	8.7	35.7	43.8	30.2	3.0	1.7	48.7	21.3	0.23	3.5	ND	ND
Aeg3	54-57	ND	ND	ND	ND	ND	ND	48.6	16.7	0.25	3.5	ND	ND
Ckg	57-60	6.2	19.9	26.1	17.7	2.93	2.2	36.5	15.8	0.27	4.2	ND	ND
						Peat							
	0- 4	47.0	49.6	96.6	ND	ND	0.1	655	ND	ND	ND	ND	ND
	4-24	21.7	73.2	93.8	ND	ND	0.2	613	ND	ND	ND	ND	ND
	24-47	25.3	71.1	96.5	ND	ND	0.1	657	ND	ND	ND	ND	ND
	47-64	25.7	68.9	94.6	ND	ND	0.1	360	ND	ND	ND	ND	ND

Table 21. Mineralogical composition of fine sand (0.25-0.10 mm) in representative soil profiles

Percentages of total number of mineral grains in each of the specific gravity classes

Horizon	Depth inches	Specific gravity less than 2.70: Total fine sand %	Quartz	Plagio-clase	Ortho-clase	Specific gravity 2.70-2.95: Total fine sand %	Impure quartz	Plagio-clase	Musco-vite	Biotite	Chlor-ite	Specific gravity more than 2.95: Total fine sand %	Ziron	Tour-maline	Epi-dote	Spinel	Horn-blende	Opaque
							Caribou											
Ap	0- 6	89.6	78.5	21.5	Tr	9.1	12.0	86.2	1.1	Tr	0.7	1.3	10.8	3.4	37.3	2.2	7.6	38.7
Ae	1- 2	97.2	100.0		Tr	1.4	75.2	18.5	4.1	Tr	2.2	1.5	9.9	2.3	40.8	2.3	5.3	39.5
Bfh	2- 3	86.6	75.8	24.5	0	11.9	9.7	86.7	2.6	Tr	1.0	1.5	8.5	4.8	48.8	1.9	11.2	24.7
Bfh2	3- 8	90.2	73.5	26.5	Tr	8.2	5.8	91.2	2.6	Tr	0.4	1.6	8.9	3.6	50.5	2.3	8.9	26.0
Bf	8-15	79.2	59.2	40.8	Tr	19.2	11.3	86.4	1.7	0	0.6	1.6	6.6	4.0	50.7	2.0	9.0	27.7
C	15+	78.4	67.2	32.8	Tr	20.0	19.5	78.6	1.9	Tr	Tr	1.7	8.4	3.3	40.0	2.2	8.5	37.6
							Carlingford											
Ah	0- 2	92.5	79.6	20.4	Tr	6.6	6.6	91.4	2.0		Tr	0.9	6.9	2.7	47.4	7.7	6.4	28.9
Aejg	2- 5	95.2	86.7	13.3	Tr	4.2	9.0	88.4	2.0		0.6	0.6	9.2	3.7	48.1	7.1	7.7	24.2
Btjgj	5-11	91.2	86.5	13.5	Tr	8.3	7.2	90.2	2.6	Tr	Tr	0.5	6.4	3.1	55.2	6.7	9.8	18.9
Btj	11-15	80.1	76.0	24.0	Tr	19.1	4.6	94.5	0.9	Tr	Tr	0.8	9.4	3.6	48.0	6.1	7.5	25.5
Cg	15-30	57.6	75.0	25.0	0	41.2	2.3	97.7	Tr	Tr		1.2	6.4	2.7	50.4	7.7	7.5	25.2
							Holmesville											
Ap	0- 6	86.3	81.7	18.3	0	13.5	35.7	62.1	2.2	Tr	0	0.23	6.6	2.4	71.1	4.6	8.3	7.1
Ae	0- 1	99.0	100.0	Tr	Tr	0.4	85.8	11.7	2.5	0	0	0.12	8.6	1.3	81.0	0.8	10.0	7.3
Bf	1- 3	85.7	64.1	35.9	Tr	14.1	28.2	71.8	Tr	0	Tr	0.25	11.3	1.9	66.4	7.5	5.6	7.5
Bf2	3- 6	80.4	59.5	40.5	Tr	19.3	24.5	75.5	0	Tr	Tr	0.26	12.5	1.6	65.7	3.3	4.9	12.1
BC	6-10	73.5	45.4	54.6	Tr	26.1	45.2	54.8	Tr	Tr	Tr	0.35	8.7	2.2	72.0	3.6	4.0	8.4
C	10+	68.9	36.6	63.4	Tr	30.7	26.1	73.9	Tr	Tr	0	0.33	8.1	2.1	68.7	4.4	6.0	10.6
							Jardine											
Ae	0- 1	99.3	100.0	Tr	0	0.5	83.6	0	3.4	0	0.6	0.3	6.9	6.5	69.6	2.9	3.2	11.0
Bf	1- 3	97.3	86.3	13.7	0	2.4	19.3	0	1.1	0	Tr	0.3	7.5	2.8	72.1	4.5	2.7	2.8
Bf2	3- 6	95.8	77.3	22.7	0	3.9	ND	0	ND	0	0	0.3	3.3	1.4	81.0	6.6	1.4	6.4
Bf3	6-11	95.8	82.0	18.1	0	4.0	ND	0	ND	0	0	0.3	3.8	2.5	75.5	6.8	3.2	8.3
Bt	11-15	95.7	85.0	15.0	0	4.0	ND	0	ND	0	0	0.3	4.1	1.2	80.3	5.3	3.2	5.7
Bt2	15-22	96.7	85.8	14.2	0	3.1	ND	0	ND	0	0	0.2	3.6	0.5	89.3	1.7	0.5	4.5
C	22+	91.7	80.5	19.5	0	7.9	ND	0	ND	0	0	0.5	3.4	0.6	87.7	3.0	1.6	3.7

Johnville																	
Aeg	0- 1	97.6	100	Tr	Tr	1.3	90.8	Tr	1.8	0.0	7.4	1.1	16.6	2.1	47.5	0.6	6.7	26.4
Bfg	1- 4	92.6	60.5	39.5	Tr	6.0	82.6	14.9	1.0	0.0	1.5	1.4	18.2	5.0	39.5	4.2	14.7	18.5
Bfjg	4- 7	86.4	40.7	59.3	0	12.2	64.4	35.6	0.0	0.0	Tr	1.4	17.2	3.4	41.2	5.2	15.4	17.8
BCg	7-12	81.9	48.3	51.3	Tr	16.6	73.1	26.9	Tr	0.0	Tr	1.5	19.3	5.5	44.4	6.5	12.6	11.7
Cg	12+	82.1	45.2	54.8	Tr	16.4	48.7	51.3	Tr	0.0	Tr	1.5	12.0	4.4	48.7	4.0	13.8	17.1
McGee																		
Ae	0- 1½	98.7	100	Tr	Tr	0.7	84.2	1.5	10.4	1.8	2.1	ND	ND	ND	ND	ND	ND	ND
Bh	1½- 3	92.0	55.3	44.7	0	7.3	13.5	78.5	3.6	3.3	1.0	ND	ND	ND	ND	ND	ND	ND
Bfh	3- 6	90.8	37.8	62.2	Tr	8.8	13.2	70.6	14.4	1.5	0.2	ND	ND	ND	ND	ND	ND	ND
BC	6-11	87.3	36.3	63.7	Tr	12.2	11.7	81.3	3.3	2.7	0.8	ND	ND	ND	ND	ND	ND	ND
C	11-54	80.3	27.6	72.4	Tr	19.2	2.3	87.7	8.8	1.0	0.2	ND	ND	ND	ND	ND	ND	ND
C2	54+	83.0	0.0	0.0	0	16.6	1.3	90.0	7.4	1.0	0.3	ND	ND	ND	ND	ND	ND	ND
Poitras																		
Aheg	0- 4	89.0	43.4	56.6	Tr	9.5	46.6	53.4	Tr	Tr	Tr	1.1	13.6	4.8	54.6	9.3	12.1	5.7
Bg	4-12	88.9	32.8	67.2	0	10.4	40.9	59.1	Tr	0	Tr	0.7	17.4	3.9	46.5	7.3	10.4	14.5
Cg	12+	84.4	44.3	55.7	0	15.1	73.0	27.0	Tr	0	0	0.5	13.6	3.8	52.8	9.3	10.8	9.8
Washburn																		
Ah	0- 4	89.7	95.2	4.8	0	10.0	4.1	87.8	8.1	0	Tr	0.3	5.7	2.4	62.6	6.8	6.3	16.2
Bg	4-17	94.6	100	Tr	0	5.3	2.1	92.9	5.0	0	Tr	0.1	3.6	0.6	79.5	5.3	3.3	7.7
Ckg	17-23	90.4	95.5	4.5	0	9.4	14.5	80.9	3.9	0	Tr	0.2	4.6	1.8	60.4	7.8	4.3	20.9
Ckg2	23+	82.4	77.3	22.7	Tr	16.3	82.4	13.9	3.7	Tr	0	1.2	8.8	5.7	56.9	10.0	10.5	8.6

Table 22. Chemical analyses of representative soil profiles

Hor.	Depth in.	Percentage of ovendry weight: Loss on ign. 450° C	C	N	Si	Fe	Al	Ca	Mg	P	pH	Cation exchange cap. meq/100 g	Exchangeable cations, meq/100 g: Ca	Mg	K	Percentage of ovendry weight: Base satn	Free Fe	Free Al	HF-sol C	Sol P ppm
										Bellefleur										
L-H	2-0	ND	39.80	1.86	7.44	0.32	1.04	1.42	0.03	0.15	4.9	143.51	11.64	2.55	1.31	10.8	ND	ND	ND	ND
Ae	0-2	3.4	1.37	0.05	35.40	0.50	9.36	0.07	0.23	0.04	4.8	9.80	1.18	0.24	0.06	15.1	0.49	0.41	0.37	3.61
Bfh	2-4	9.3	3.85	0.18	29.30	3.56	8.86	1.54	0.67	0.08	4.9	28.99	1.22	0.22	0.21	5.7	1.94	1.40	1.39	6.42
Bf	4-8	5.1	1.98	0.11	31.50	2.93	9.81	0.84	0.69	0.05	5.1	16.77	0.72	0.02	0.11	5.1	1.05	0.75	0.26	2.71
BC	8-12	1.9	0.70	0.08	33.00	1.99	8.82	0.59	0.60	0.04	5.2	8.10	1.20	0.18	0.07	17.9	0.51	0.47	0.44	1.13
C	12-21	0.9	0.18	0.05	34.10	2.55	8.34	0.86	0.62	0.05	5.2	7.03	0.96	0.01	0.07	14.8	0.40	0.23	0.14	2.23
Bt	21-36	1.3	0.24	0.05	36.80	2.75	9.36	0.74	1.09	0.05	5.1	9.04	1.40	0.23	0.07	18.8	0.27	0.26	0.22	1.45
Bt2	36-56	1.4	0.21	0.05	31.90	2.53	9.04	0.84	0.93	0.05	5.4	7.09	2.14	0.04	0.05	31.5	0.19	0.28	0.21	1.67
Bt3	56-59	1.1	0.21	0.05	32.70	2.70	9.37	0.43	0.94	0.05	7.1	7.61	5.58	0.08	0.07	75.3	0.21	0.29	0.21	ND
										Boston Brook										
L-H	2-0	78.5	44.90	0.21	7.25	0.57	0.69	1.47	0.03	0.03	4.6	140.20	17.20	3.74	4.22	17.9	0.22	0.64	ND	ND
Ae	0-2	2.1	0.77	0.08	38.50	1.87	5.55	0.26	0.05	0.01	4.6	16.05	1.79	0.47	0.47	17.0	0.09	0.32	0.19	ND
Ae2	Trace	3.6	1.29	0.11	35.60	1.01	7.77	0.46	0.50	0.03	4.9	15.03	ND	ND	ND	ND	0.76	0.48	0.32	ND
Bfh	2-5	13.4	4.85	0.30	24.70			0.74	0.18	0.02	4.7	45.30	1.75	0.18	0.73	5.8	3.38	0.59	2.37	ND
Bfh2	5-9	8.3	3.34	0.18	27.30	7.20	7.23	0.53	0.54	0.02	4.8	23.75	0.72	0.05	0.33	4.6	1.08	1.32	1.66	ND
BC	9-15	4.6	1.34	0.11	30.20	2.76	9.70	0.75	0.55	0.02	5.4	14.97	1.27	0.23	0.24	11.6	0.68	1.20	0.61	ND
C	15-48	3.2	0.57	0.07	30.60	2.73	8.77	1.05	1.10	0.01	5.5	12.53	4.35	0.15	0.43	39.3	0.64	1.10	0.23	ND
										Boston Brook										
L-H	3-0	78.8	50.60	1.13	5.00	0.43	0.67	0.88	0.15	0.10	4.3	88.40	27.20	0.93	6.10	38.7	0.07	0.28	ND	60.0
Ae	0-2	4.8	2.40	0.08	36.90	0.94	6.34	0.16	0.33	0.04	3.8	17.90	1.12	0.45	0.85	13.5	0.15	0.24	0.83	5.8
Bfh	2-7½	12.6	3.80	0.13	27.20			0.53	4.14	0.06	4.4	43.20	0.50	0.50	2.14	7.3	3.27	0.65	1.82	13.8
Bf	7½-11½	7.2	2.40	0.09	28.50	1.76	12.29	0.11	1.75	0.03	4.2	22.30	0.05	0.01	1.11	5.2	1.07	1.25	1.71	10.0
BC	11½-17	4.6	1.10	0.10	29.80	2.28	9.30	0.08	1.60	0.06	4.8	13.10	0.10	0.02	2.04	16.5	0.46	1.22	0.38	2.8
C	17+	2.0	0.40	0.06	28.40	2.27	12.45	0.16	1.41	0.02	4.9	9.50	0.28	0.03	0.83	12.0	0.38	0.98	0.14	2.8

ND — not determined

										Bourgoin									
L-H	3½-0	69.7	34.80	2.18	7.64	1.43	3.10	1.00	0.16	0.04	4.5	125.20	9.15	4.50	4.15	14.2	1.36	0.51	ND	ND
Ah	0-1	30.3	20.10	0.92	21.70	3.81	6.00	0.68	0.37	0.01	4.3	54.60	3.28	1.29	4.60	16.7	0.53	0.68	16.54	ND
Ahe	1-3	13.9	6.62	0.42	26.70	1.87	9.78	1.09	0.78	0.01	4.7	21.42	1.79	0.66	0.83	15.3	0.58	0.91	2.00	ND
Aeg	3-12	2.4	0.75	0.09	31.20	2.64	9.93	0.41	1.18	0.01	5.1	9.93	0.57	0.21	0.62	14.0	0.22	0.68	0.39	ND
Bg	12-16	1.4	0.18	0.06	32.70	2.83	9.12	0.46	1.29	0.02	5.4	8.64	1.34	0.55	0.80	31.1	0.44	0.42	0.12	ND
Cg	16+	1.6	0.34	0.08	31.30	1.79	11.87	0.28	1.16	0.02	6.2	7.20	3.90	1.31	0.58	80.4	0.22	0.18	0.23	ND
										Britt Brook									
L		93.0	57.00	1.69	3.19	0.05	0.60	0.54	0.06	0.11	4.4	104.32	31.40	4.41	1.60	35.8	ND	ND	ND	ND
F	3-0	91.1	56.40	1.97	2.67	0.07	0.47	1.24	0.08	0.12	4.1	103.13	25.18	3.88	1.74	29.9	ND	ND	ND	ND
H		91.1	54.60	1.93	2.04	0.13	0.40	1.48	0.09	0.08	3.0	110.57	10.28	2.96	0.80	12.6	ND	ND	ND	52.55
Ae	0-3	3.8	1.52	0.10	38.42	1.11	4.76	1.22	0.23	0.02	3.4	12.64	1.36	0.24	0.12	13.6	0.04	0.14	0.25	4.71
Bhf	3-5½	35.6	16.50	0.71	17.70	5.71	5.96	0.53	0.79	0.10	3.9	73.96	1.20	0.78	0.24	3.0	4.11	1.45	5.10	ND
Bhf2	5½-8½	19.3	7.50	0.32	20.48	6.34	7.50	0.57	1.23	0.08	4.8	54.04	0.52	0.78	0.09	2.6	2.00	4.32	3.27	7.33
Pfh	8½-14½	10.9	4.00	0.19	25.33	3.68	9.61	0.65	1.47	0.06	5.0	39.69	0.84	0.04	0.08	2.4	1.50	2.96	1.84	6.78
Bf	14½-21½	6.1	1.69	0.09	28.70	4.63	8.91	1.07	1.75	0.05	5.1	21.23	0.92	0.02	0.08	4.6	0.67	1.50	0.85	7.02
Bf2	21½-30	2.5	1.35	0.08	29.83	5.73	9.22	1.07	1.81	0.06	5.1	17.17	0.92	-	0.07	5.8	0.46	1.36	0.77	7.61
C	30-42	3.3	0.43	0.03	27.22	5.71	9.57	1.51	2.05	0.06	5.4	16.32	2.84	0.96	0.23	24.7	0.39	0.74	0.25	ND
IIC	42-54	2.6	0.24	0.24	30.42	3.90	9.20	0.96	1.62	0.05	5.3	13.15	4.44	1.62	0.16	47.3	0.44	0.29	0.15	12.48
										Caribou									
Ap	0-6	7.8	3.10	0.20	31.60	1.69	8.56	0.34	0.67	0.06	5.6	20.59	2.40	0.75	0.64	18.4	1.06	0.64	0.87	ND
Ah	0-1	15.7	8.69	0.46	32.10	1.26	4.98	0.65	0.19	0.02	4.4	32.57	3.78	1.66	1.34	20.8	0.29	0.42	2.61	ND
Ae	1-2	3.9	1.75	0.13	37.90	1.19	4.25	0.39	0.16	0.08	4.3	16.24	1.80	0.59	0.71	19.1	0.71	0.68	0.45	ND
Bfh	2-3	11.3	4.95	0.27	27.40	5.80	8.03	0.39	0.45	0.03	4.7	41.59	1.73	0.81	0.92	8.3	2.52	0.82	1.75	ND
Bfh2	3-8	9.8	3.54	0.22	28.50	5.58	8.45	0.41	0.88	0.06	5.1	35.60	0.16	0.02	1.11	3.6	1.76	1.40	1.11	ND
Bfj	8-15	5.6	1.73	0.13	28.80	5.13	9.43	0.73	0.70	0.02	5.1	20.48	0.18	0.03	0.38	3.4	0.90	1.12	0.75	ND
C	15+	2.5	0.65	0.08	34.60	2.00	9.37	0.27	0.79	0.02	5.4	10.47	0.18	0.02	0.87	10.2	0.58	0.77	0.35	ND
										Caribou									
L-H	1-0	44.0	30.70	1.13	15.00	0.32	3.21	1.85	0.13	0.12	6.8	86.82	23.16	3.54	1.28	32.2	ND	ND	ND	ND
Ah	0-2	14.7	8.00	0.19	33.40	1.51	5.11	0.77	0.15	0.08	5.0	29.73	9.16	1.67	0.14	35.8	0.94	0.28	ND	27.84
Ae	Trace	1.7	0.30	0.06	40.40	0.92	4.68	0.24	0.06	0.02	4.9	11.79	3.08	0.33	0.02	29.1	0.09	0.13	0.05	7.52
Bfh	2-10	7.7	5.32	0.10	30.60		8.74	0.54	0.62	0.10	4.9	28.98	3.16	0.41	0.06	12.5	2.71	1.15	3.39	31.26
Bf	10-14	5.6	2.13	0.09	31.80	1.83	9.30	0.33	0.71	0.05	5.0	19.27	1.28	1.40	0.06	14.2	0.78	0.87	1.53	9.07
Bt	14-24	3.2	0.64	0.06	32.60	1.52	9.60	0.17	0.88	0.03	5.2	11.64	0.80	0.30	0.06	10.0	0.27	0.68	0.17	5.90
Bt2	24-30	1.6	0.09	0.05	31.70	2.27	9.81	0.24	0.99	0.05	5.1	10.40	1.76	-	0.08	17.7	0.26	0.23	0.03	33.08
C	30-40	0.9	0.09	0.04	33.70	1.64	9.29	0.32	0.82	0.05	5.7	9.96	5.44	-	0.07	55.3	0.18	0.19	0.03	20.42
C2	40-49	1.6	0.39	0.03	31.50	2.72	9.51	0.43	1.33	0.06	6.2	9.49	5.72	-	0.07	61.0	0.38	0.33	0.11	9.85

Table 22. Chemical analyses of representative soil profiles (continued)

Hor.	Depth in.	Percentage of ovendry weight: Loss on ign. 450° C	C	N	Si	Fe	Al	Ca	Mg	P	pH	Cation exchange cap. meq/100 g	Exchangeable cations, meq/100 g: Ca	Mg	K	Percentage of ovendry weight: Base satn	Free Fe	Free Al	HF-sol C	Sol P ppm
Carlingford																				
L-H	1-0	28.8	15.25	0.79	22.13	2.23	7.41	1.72	0.19	0.07	6.4	51.12	32.00	1.80	1.88	69.8	0.66	0.66	ND	ND
Ah	0-2	15.7	7.70	0.51	28.43	1.52	7.44	0.10	0.70	0.08	6.5	31.14	20.40	1.20	1.13	73.0	0.84	1.30	2.11	ND
Aejg	2-5	3.1	0.85	0.11	31.22	3.49	10.20	0.79	0.77	0.01	6.6	16.67	5.80	0.42	1.01	43.4	0.42	0.76	0.36	ND
Btjgj	5-11	2.7	0.97	0.08	33.95	2.47	7.70	0.17	0.61	0.01	6.6	11.25	3.80	0.26	0.56	41.1	0.45	0.49	0.53	ND
Btjg	11-15	1.7	0.39	0.07	34.60	3.22	7.85	0.20	0.62	0.01	6.5	14.17	3.14	0.23	0.79	29.4	0.42	0.33	0.10	ND
Cg	15-30	2.4	0.35	0.10	27.51	2.87	13.15	0.68	0.70	0.02	6.5	13.00	4.30	0.30	0.50	39.2	0.68	0.39	0.25	ND
Clearwater																				
L	2¾-2½	86.6	42.50	0.64	2.86	0.16	0.75	1.75	0.34	ND	4.3	95.42	24.00	12.40	8.45	42.8	ND	ND	11.60	ND
F	2½-1½	87.4	44.40	1.14	2.88	0.32	1.00	1.38	0.29	ND	4.5	107.00	34.00	6.96	3.23	42.2	ND	ND	9.60	ND
H	1½-0	80.4	41.70	1.29	5.48	1.39	2.00	1.11	0.33	ND	4.4	85.26	23.20	3.44	1.13	32.6	ND	ND	9.60	ND
Bhf	0-2	25.6	11.90	0.45	20.72	4.49	8.02	1.33	1.57	ND	4.6	69.93	1.40	0.42	0.19	2.9	1.38	2.64	7.90	ND
Bfh	2-10	10.0	3.30	0.14	26.81	5.48	8.27	2.00	1.13	ND	4.8	33.79	1.04	0.04	0.05	3.3	0.50	2.01	1.12	ND
Bf	10-27	8.1	2.50	0.12	27.23	5.40	8.48	2.10	0.93	ND	5.0	27.24	1.04	0.02	0.05	4.1	0.37	2.15	0.60	ND
CB	27-34	3.7	0.76	0.04	29.47	4.68	7.79	1.78	1.54	ND	5.2	11.48	0.84	0.00	0.05	7.7	0.15	0.76	0.29	ND
C	34-41	2.7	0.39	0.02	30.08	4.65	4.97	1.96	1.40	ND	5.4	8.34	0.80	0.00	0.05	10.2	0.12	0.64	0.18	ND
C2	41-52	2.2	0.39	0.02	30.18	3.54	7.80	2.02	1.58	ND	5.4	7.30	0.60	0.00	0.04	8.8	0.16	0.53	0.19	ND
Five Fingers																				
L-H	7-0	84.80	45.40	1.70	1.36	0.45	0.40	0.22	0.16	0.04	6.5	189.69	58.64	5.80	0.33	34.1	ND	ND	ND	ND
Aeg	0-5	3.87	0.82	0.03	32.10	0.96	10.03	0.37	1.09	0.03	7.0	13.03	12.58	0.25	0.03	Satd.	0.25	0.31	ND	1.80
Bg	5-10	3.53	0.67	0.03	36.20	1.37	7.69	0.50	1.15	0.05	7.1	8.42	8.90	0.17	0.02	Satd.	0.29	0.25	ND	1.67
Ckg	10-15	1.89	0.12	0.02	34.70	1.47	8.07	1.07	1.18	0.06	8.0	6.08	15.72	0.16	0.02	Satd.	0.24	0.15	ND	1.11
Ckg2	15-24	1.48	0.09	0.02	30.30	1.50	6.53	5.55	0.86	0.05	8.0	4.19	17.60	0.17	0.03	Satd.	0.09	0.14	ND	1.11
Ckg3	24-39	0.63	0.06	0.02	25.70	1.03	6.20	10.15	0.84	0.05	7.9	3.65	15.72	0.19	0.03	Satd.	0.03	0.06	ND	0.44
Ckg4	39+	0.93	0.06	0.02	25.80	1.32	7.46	8.94	0.52	0.05	7.8	2.64	12.44	0.19	0.03	Satd.	0.09	0.10	ND	1.55

										Flemming									
Ap	0-6	6.7	2.05	0.21	29.90	1.94	10.00	0.42	0.92	0.05	5.3	20.12	10.02	0.35	1.46	58.8	0.72	0.76	0.76	ND
L-H	5-0	93.0	47.60	1.46	3.65	0.04	-	1.61	0.02	0.04	3.9	186.50	31.35	2.96	6.45	21.8	0.06	0.60	17.50	ND
Ae	0-1	3.5	1.27	0.08	40.00	0.35	4.92	0.40	0.60	0.01	4.3	16.39	12.13	0.46	1.00	82.9	0.12	0.66	0.34	ND
Bf	1-2	9.0	2.76	0.18	30.40	3.37	8.02	0.69	0.77	0.02	4.9	30.30	15.19	0.42	1.98	58.0	1.68	1.10	1.60	ND
Bm	2-10	5.3	1.46	0.09	31.80	3.08	8.24	0.23	0.77	0.01	5.4	18.50	6.03	0.02	0.52	35.5	0.62	0.93	1.15	ND
Cg	10+	2.7	0.41	0.06	34.80	1.82	7.77	0.22	0.87	0.01	5.4	10.15	4.30	0.02	0.42	46.6	0.31	0.65	0.31	ND
										Glassville									
Ap	0-6	6.5	2.46	0.20	33.00	0.85	11.00	0.36	0.71	ND	5.9	19.73	3.76	0.00	1.29	25.6	1.62	0.21	1.03	ND
L-H	2-0	66.5	33.70	1.44	11.20	2.10	0.50	2.02	0.31	0.11	5.5	144.80	36.90	2.19	6.00	31.1	0.10	0.01	ND	ND
Ae	0-2	2.7	1.00	0.11	39.10	0.32	4.19	0.52	1.75	0.20	4.8	16.88	1.89	0.17	0.48	15.0	0.20	0.09	0.52	ND
Bhf	2-8	17.3	8.66	0.39	26.80	3.04	8.98	0.37	0.65	0.04	5.3	35.30	5.27	0.04	2.54	22.2	0.51	0.30	5.78	ND
Bfj	8-16	6.8	2.04	0.15	32.70	2.14	8.72	0.39	0.67	0.03	5.1	18.51	0.38	0.01	0.49	4.8	1.11	0.34	1.45	ND
C	16+	4.0	1.00	0.08	29.60	2.92	10.60	0.43	1.32	0.02	5.4	13.62	0.89	0.82	0.75	18.1	0.95	0.16	0.56	ND
										Glassville									
L-H	3-0	88.0	56.10	1.00	0.61	0.06	0.03	1.29	0.39	0.03	3.8	111.64	11.58	3.00	1.13	14.1	ND	ND	ND	ND
Ae	0-3	3.7	1.47	0.14	37.20	0.87	6.26	0.21	0.21	0.01	3.7	14.15	1.14	0.42	1.10	18.8	0.84	0.08	0.24	ND
Bhf	3-5	18.0	12.22	0.34	26.90	4.43	7.97	0.69	1.20	0.04	4.0	36.27	1.53	0.61	2.20	11.9	4.43	0.33	3.49	ND
Bhf2	5-13	17.3	11.30	0.16	22.70	4.65	11.90	0.53	0.50	0.01	4.5	30.22	1.05	0.27	1.15	8.2	4.50	1.02	6.96	ND
Bfh	13-22	11.1	4.64	0.24	26.20	3.46	8.31	1.46	1.91	0.01	4.6	10.77	0.36	0.03	0.44	7.7	2.00	1.05	2.06	ND
C	22-48	2.2	0.89	0.07	31.30	1.92	10.83	0.31	0.31	0.02	4.9	6.21	0.27	0.02	0.79	17.4	0.60	0.29	0.23	ND
										Grand Falls									
L-H	2-0	67.4	35.20	1.46	7.99	3.96	2.94	0.09	0.11	0.12	5.5	186.00	38.60	3.07	1.56	23.2	ND	ND	ND	ND
Ae	0-4	6.1	2.56	0.19	35.40	0.50	7.52	0.23	0.06	0.04	4.5	23.39	3.34	0.62	4.00	34.5	0.46	0.21	0.59	ND
Bf	4-6	8.6	2.84	0.17	31.00	2.21	10.10	0.22	0.66	0.08	4.9	20.40	1.34	0.00	3.55	24.0	1.91	0.17	1.32	ND
Bf2	6-12	7.5	2.14	0.23	27.80	3.73	9.90	0.33	0.79	0.11	5.1	18.61	0.72	0.19	1.35	12.1	1.45	0.26	1.86	ND
C	12-16+	2.0	0.40	0.05	32.10	2.17	9.66	0.16	0.28	0.03	5.3	8.78	0.19	0.00	2.93	35.5	0.41	0.12	0.10	ND
										Harquail									
Ap	0-6	7.3	2.53	0.23	32.50	2.02	8.53	0.38	0.78	ND	5.7	21.42	8.28	0.61	0.49	43.8	1.35	0.51	0.98	ND
L-H	1-0	69.2	34.75	1.99	9.96	0.69	0.71	1.73	0.03	0.12	5.0	72.00	18.00	2.46	2.63	32.0	0.28	0.64	ND	ND
Ae	0-2	3.6	1.16	0.17	37.00	0.77	6.09	0.73	0.02	0.04	5.1	13.20	4.00	0.55	1.39	45.0	0.43	0.69	0.29	ND
Bf	2-7	7.1	2.10	0.21	31.00	3.94	1.35	0.64	0.87	0.05	5.4	25.20	2.14	0.01	0.88	12.0	1.64	1.64	1.14	ND
Bf2	7-10	5.4	1.36	0.16	33.90	2.29	10.70	0.55	1.17	0.05	5.9	14.97	1.75	0.02	0.55	15.5	0.62	0.67	0.74	ND
Bt	10-11	3.1	0.63	0.11	29.00	1.53	14.85	0.24	1.26	0.03	5.9	11.77	1.39	0.00	0.74	18.1	0.41	0.51	0.45	ND
Bt2	11-18	2.1	0.28	0.11	28.00	3.05	6.27	0.20	1.45	0.04	5.8	10.75	2.61	0.04	0.39	28.3	0.46	0.59	0.22	ND
										Holmesville									
Ap	0-6	11.1	4.78	0.29	ND	ND	ND	ND	ND	ND	5.1	30.22	1.52	0.03	1.62	10.5	1.48	0.52	0.34	ND
L-H	1-0	64.6	39.45	1.33	14.10	0.39	1.65	0.39	0.10	0.10	4.5	127.00	12.10	1.48	3.60	14.2	ND	ND	5.70	ND
Ae	0-2	2.7	1.13	0.08	40.80	0.22	3.75	0.09	0.04	0.02	4.5	13.62	2.78	0.41	0.62	28.0	0.04	0.42	0.05	ND
Bhf	2-5	20.3	7.48	0.15	25.60	4.59	7.86	0.21	0.26	0.07	4.9	53.90	1.18	0.34	1.56	5.7	3.35	2.78	2.22	ND
Bfh	5-9	11.8	3.50	0.20	29.40	2.48	10.50	0.19	0.57	0.07	5.2	40.30	0.39	0.03	1.47	4.7	1.71	2.25	0.88	ND
BC	9-13	2.3	0.53	0.05	34.40	1.70	9.42	0.23	0.67	0.03	5.3	18.08	0.43	0.08	0.96	8.1	0.57	0.86	0.37	ND
C	13+	1.5	0.39	0.05	36.60	1.48	8.32	0.19	0.76	0.03	5.5	12.39	0.19	0.00	0.65	6.8	0.26	0.62	0.39	ND

Table 22. Chemical analyses of representative soil profiles (continued)

Hor.	Depth in.	Percentage of ovendry weight: Loss on ign. 450° C	C	N	Si	Fe	Al	Ca	Mg	P	pH	Cation exchange cap. meq/100 g	Exchangeable cations, meq/100 g: Ca	Mg	K	Percentage of ovendry weight: Base satn	Free Fe	Free Al	HF-sol C	Sol P ppm
										Holmesville										
Ap	0-6	7.0	2.63	0.25	31.40	1.73	9.15	0.68	0.92	0.02	5.3	22.21	3.12	0.33	0.83	19.2	0.42	0.58	1.72	ND
L-H	1-0	43.5	24.40	1.29	18.20	0.57	4.15	3.26	0.46	0.07	5.6	100.32	26.10	3.10	0.62	29.7	ND	ND	ND	ND
Ae	0-1	2.0	0.73	0.07	36.50	0.43	6.02	0.65	0.19	0.01	5.3	14.47	2.55	0.57	0.22	23.0	0.46	0.61	1.26	ND
Bf	1-3	6.5	2.16	0.22	29.40	2.81	10.35	0.46	1.23	0.01	5.6	24.22	4.61	0.63	0.32	22.9	1.70	1.40	1.10	ND
Bf2	3-6	4.4	1.30	0.05	34.50	3.30	10.30	0.43	0.92	0.01	5.6	17.22	1.88	0.31	0.48	15.5	0.51	0.64	0.42	ND
BC	6-10	3.3	0.97	0.07	32.60	2.72	9.25	0.60	0.76	0.01	5.6	14.03	1.32	0.10	0.54	13.9	0.59	0.45	0.64	ND
C	10+	4.2	0.38	0.23	31.30	2.89	10.45	0.37	1.22	0.01	5.5	10.27	0.87	0.04	0.45	13.2	0.65	0.36	0.24	ND
										Holmesville										
L-H	2-0	56.7	28.39	0.55	17.30	0.90	1.35	0.46	0.18	0.08	4.2	49.47	18.60	4.05	3.79	53.4	ND	0.17	ND	ND
Ae	0-2	2.3	0.67	0.05	40.40	0.57	3.78	0.19	0.01	0.01	4.4	13.15	1.87	0.38	0.72	22.6	0.09	0.25	0.15	ND
Bfh	2-5	12.5	4.39	0.21	29.90	3.11	7.52	0.86	0.15	0.06	4.5	32.77	0.73	0.12	0.65	4.6	2.87	0.28	3.04	ND
Bfh2	5-7	9.5	3.18	0.19	28.30	2.70	9.50	0.40	0.43	0.02	4.8	28.48	0.36	0.03	0.72	3.9	2.03	1.17	1.93	ND
Bf	7-14	5.0	1.66	0.10	31.40	2.72	8.28	0.56	0.65	0.01	4.5	15.07	0.49	0.00	0.24	4.8	0.77	1.48	1.23	ND
C	14-48	1.6	0.75	0.05	36.20	2.31	7.23	0.53	0.62	0.01	4.5	11.41	0.30	0.03	0.99	11.6	0.32	1.17	0.71	ND
C2	48-54+	1.4	0.20	0.04	32.20	1.71	10.95	0.14	1.45	0.03	5.4	15.70	7.95	0.15	2.44	67.1	0.33	0.36	0.11	ND
										Holmesville										
L-H	2-0	ND	41.30	1.46	8.50	0.48	0.33	0.46	0.02	0.11	3.7	186.87	4.40	1.50	0.26	3.3	ND	ND	ND	ND
Ae	0-2	4.6	2.43	0.13	39.60	0.53	3.38	0.17	0.09	0.02	3.5	9.77	1.44	0.37	0.09	19.4	0.05	0.23	0.09	0.28
Bhf	2-2½	20.6	8.72	0.31	27.90	3.32	6.38	0.24	0.21	0.13	3.9	61.34	1.10	0.45	0.09	2.7		1.00	3.01	ND
Bhf2	2½-4	15.2	6.38	0.27	30.80	3.94	6.47	0.19	0.10	0.10	4.2	48.17	0.88	0.42	0.06	2.8		1.20	2.54	ND
Bfh	4-6	8.5	3.24	0.14	31.20	1.99	8.69	0.19	0.18	0.05	4.6	23.84	0.76	0.31	0.01	4.5	1.30	1.50	1.18	2.51
Bf	6-12	3.6	1.39	0.06	33.20	0.99	8.79	0.25	0.26	0.03	4.7	10.08	0.82	0.20	0.01	10.2	0.47	0.75	0.57	2.73
BC	12-18	2.0	0.51	0.05	36.50	1.82	8.21	0.22	0.34	0.04	4.8	6.93	0.84	0.16	0.01	14.6	0.30	0.49	0.35	1.67
C	18-40	0.5	0.21	0.05	35.20	1.56	8.01	0.44	0.28	0.05	5.2	3.48	1.08	0.12	0.04	35.6	0.19	0.25	0.16	0.55
C2	40-52	0.9	0.12	0.05	33.90	2.48	8.12	0.28	0.42	0.05	5.5	5.49	3.30	0.74	0.05	74.5	0.19	0.21	0.12	1.56

Jardine

L-H	1-0	69.9	43.00	1.68	13.30	1.18	0.03	1.63	0	0.02	0.05	5.0	97.30	ND	ND	ND	ND	0.34	0.51	ND	ND
Ae	0-1	1.5	0.76	0.07	39.30	1.29	4.40	0.10	0	0.01	0.02	4.7	13.01	1.79	0.70	0.62	23.9	0.62	0.26	0.26	ND
Bf	1-3	6.5	1.65	0.18	31.40	2.71	8.12	0.39	0	0.66	0.02	4.9	30.30	1.48	0.27	0.58	7.6	0.79	1.04	1.50	ND
Bf2	3-6	6.4	1.86	0.15	30.20	2.67	10.85	0.37	0	0.69	0.01	5.4	28.43	0.99	0.09	0.73	6.3	1.92	0.39	1.05	ND
Bf3	6-11	4.1	0.82	0.10	33.00	2.93	8.97	0.74	0	0.93	0.01	5.3	17.89	1.03	0.05	0.76	10.3	1.05	0.55	0.33	ND
Bt	11-15	3.0	0.53	0.09	32.70	3.22	9.20	0.98	0	0.29	0.01	5.5	16.30	3.46	0.43	0.36	26.0	0.56	0.27	0.24	ND
Black		3.1	0.80	0.12	33.00	3.39	8.49	0.80	0	0.99	0.01	6.8	18.25	8.50	0.40	0.68	52.5	0.72	0.28	0.49	ND
Bt2	15-22	2.9	0.45	0.11	29.70	3.30	10.95	0.81	1	1.04	0.01	6.7	21.70	13.10	0.16	1.75	69.2	0.39	0.55	1.07	ND
C	22+	2.8	0.59	0.18	27.80	4.37	11.80	1.89	1	1.13	0.01	7.4	13.45	6.23	0.14	2.10	63.0	0.70	0.43	0.29	ND

Johnville

L-H	1-0	86.1	49.80	1.70	5.25	0.38	0.23	1.01	0	0.05	0.05	4.5	166.80	23.60	5.03	3.34	19.2	ND	ND	ND	ND
Aeg	0-1	5.0	3.48	0.12	39.80	0.65	5.69	0.28	0	0.27	0.02	4.3	18.51	1.66	0.53	1.08	17.7	0.26	0.16	1.67	ND
Bfg	1-4	7.8	2.87	0.19	29.50	1.59	10.85	0.49	0	0.71	0.02	5.0	31.70	0.58	0.10	0.53	3.8	0.64	0.21	1.22	ND
Bfg2	4-7	5.7	2.09	0.13	30.40	1.88	10.20	0.79	0	0.75	0.02	5.1	14.55	0.51	0.05	0.71	8.7	1.12	1.40	1.16	ND
BCg	7-12	2.7	0.59	0.06	32.30	1.42	9.40	0.29	0	0.83	0.01	5.3	8.82	0.35	0.00	0.83	13.4	1.10	0.26	0.45	ND
Cg	12+	2.5	0.32	0.11	29.60	1.95	14.00	0.73	0	0.54	0.01	5.9	9.84	4.45	1.46	0.54	65.6	0.49	0.18	0.17	ND

Johnville

L-H	3-0	64.8	33.00	2.80	11.90	0.52	1.18	0.65	0	0.19	0.06	4.0	110.44	11.19	2.25	20.00	30.3	ND	ND	ND	ND
Ahe	0-1	11.1	5.20	0.32	32.10	1.67	7.32	0.34	0	0.48	0.04	4.2	17.75	1.29	0.40	0.73	13.6	0.25	0.71	1.83	ND
Aeg	1-13	1.8	0.60	0.07	35.80	1.40	7.35	0.41	0	0.55	0.01	4.5	7.53	0.26	0.01	1.40	22.2	0.24	0.41	0.35	ND
Bg	13-21	1.1	0.90	0.05	34.70	2.04	8.76	0.41	0	0.76	0.01	4.5	9.02	0.45	0.07	0.65	13.0	0.33	0.80	0.56	ND
Cg	21+	1.1	0.70	0.04	33.60	1.90	9.40	0.75	0	0.46	0.01	4.5	9.50	1.48	0.44	0.66	27.2	0.34	0.42	0.58	ND

Johnville

L	3-2½	87.7	52.70	1.86	4.05	0.23	1.10	0.54	0	0.12	0.16	4.2	34.88	14.08	5.16	1.43	59.3	ND	ND	ND	ND
F	2½-1½	84.7	50.90	1.79	5.02	0.33	1.30	0.39	0	0.13	0.15	4.0	113.07	10.24	1.92	1.18	11.8	ND	ND	ND	ND
H	1½-0	80.1	47.00	1.30	7.91	0.22	1.82	0.35	0	0.11	0.14	4.0	108.33	10.08	6.64	0.90	16.3	ND	ND	ND	ND
Aeg	0-2	5.0	2.14	0.13	3.92	1.52	4.92	0.10	0	0.21	0.03	3.8	13.05	0.80	0.60	0.12	11.7	0.08	0.38	1.04	10.46
Bfhg	2-4	12.3	4.42	0.26	31.48	5.15	6.48	0.12	0	0.34	0.06	4.3	31.72	0.56	0.04	0.08	3.1	1.83	0.54	0.15	10.40
Bfjg	4-9	3.9	1.21	0.10	37.04	3.74	6.54	0.13	0	0.36	0.03	4.8	12.22	0.56	0.01	0.03	4.9	0.50	0.45	0.45	5.05
BCg	9-22	4.8	1.54	0.12	38.03	3.74	7.01	0.11	0	0.44	0.04	4.8	14.02	0.44	0.00	0.03	3.4	0.42	0.53	0.53	11.23
Cg	22-32	1.8	0.24	0.05	35.24	3.22	7.41	0.14	0	0.49	0.04	4.9	5.20	0.36	0.00	0.03	7.5	0.17	0.33	0.15	20.47
Cg2	32-48	1.9	0.12	0.05	33.81	3.37	8.06	0.14	0	0.60	0.05	5.0	5.75	0.48	0.00	0.06	9.4	0.19	0.29	0.12	39.97
C	48-60+	1.8	0.15	0.05	31.30	4.03	8.12	0.13	0	0.70	0.05	5.0	6.20	0.64	0.00	0.06	11.3	0.24	0.21	0.11	45.35

Table 22. Chemical analyses of representative soil profiles (continued)

Hor.	Depth in.	Percentage of ovendry weight: Loss on ign. 450° C	C	N	Si	Fe	Al	Ca	Mg	P	pH	Cation exchange cap. mcq/100 g	Exchangeable cations, meq/100 g: Ca	Mg	K	Percentage of ovendry weight: Base satn	Free Fe	Free Al	HF-sol C	Sol P ppm
										Kedgwick										
L-H	2-0	68.4	46.50	0.62	10.75	0.56	4.08	1.33	0.44	0.13	4.6	111.40	45.70	0.89	6.70	47.8	ND	ND	ND	52.7
Ae	0-2	4.5	1.04	0.07	39.10	0.62	4.73	0.24	0.45	0.03	3.8	11.50	0.22	0.46	0.78	12.7	0.01	0.22	0.88	4.6
Bf	2-3½	5.7	2.30	0.06	32.50	2.00	8.85	0.21	0.82	0.05	4.5	24.30	2.67	0.49	1.33	18.5	1.12	0.63	1.84	4.8
Bf2	3½-7½	5.8	1.20	0.14	30.60	2.60	9.85	0.21	0.91	0.02	4.9	18.90	0.21	0.37	1.29	9.9	1.76	0.57	0.05	1.6
Bt	7½-13	3.4	0.82	0.08	30.50	2.82	9.40	0.22	0.92	0.02	5.1	11.50	2.92	0.32	0.94	36.3	0.42	0.67	0.34	1.2
Bt2	13-21	2.5	0.43	0.05	31.90	5.80	8.98	0.39	1.03	0.02	5.3	8.30	4.45	0.03	1.20	68.4	0.38	0.81	0.01	1.2
Bt3	21-36	2.4	0.73	0.05	30.60	2.10	12.40	0.39	1.22	0.03	5.3	11.60	7.23	0.23	1.37	76.1	0.34	0.80	0.28	3.0
Bt4	36-48	2.1	0.12	0.05	30.20	1.40	13.42	1.23	1.08	0.09	6.8	12.40	12.10	0.18	0.85	Satd.	0.27	0.62	0.02	1.8
Ck	48-54+	2.0	0.29	0.04	30.50	1.87	9.07	3.57	1.02	0.03	7.2	8.50	5.26	0.02	0.99	73.8	0.34	0.61	0.09	2.6
										Kingsclear										
L-H	1-0	47.2	28.20	0.98	20.40	0.78	3.06	1.22	0.15	0.09	5.8	116.10	16.00	0.80	0.71	15.1	ND	ND	ND	ND
Ae	0-1	2.0	0.55	0.05	40.00	0.69	4.17	0.29	0.29	0.01	4.5	11.23	1.20	0.20	0.07	13.1	0.10	0.25	0.03	6.1
Bt	1-8	2.5	0.55	0.06	35.40	1.57	8.78	0.21	0.40	0.03	5.0	16.18	2.80	0.14	0.12	18.9	0.48	0.38	0.13	11.5
Bt2	8-15	2.1	0.24	0.06	31.10	2.39	10.87	0.42	2.02	0.01	4.9	15.35	2.80	0.02	0.14	19.3	0.15	0.35	0.35	5.2
Bt3	15-26	1.6	0.15	0.04	31.20	2.13	11.53	0.26	1.62	0.03	4.9	17.26	4.20	0.00	0.13	25.1	0.19	0.25	0.04	14.3
BC	26-38	1.3	0.03	0.04	29.90	1.85	12.20	1.23	1.97	0.04	6.3	14.81	16.20	0.00	0.13	Satd.	0.15	0.14	0.02	7.3
Ck	38-52	0.5	0.33	0.04	26.20	1.59	9.65	5.44	2.03	0.04	7.0	10.90	18.00	0.00	0.13	Satd.	0.10	0.14	0.26	0.1
Ck2	52-64+	0.1	0.15	0.04	24.80	1.78	9.24	5.72	1.32	0.04	7.3	9.58	18.00	0.00	0.13	Satd.	0.12	0.12	0.04	1.2
										Long Lake										
L	2½-1½	87.1	53.50	1.97	4.01	0.13	0.75	0.76	0.12	0.14	4.3	94.62	14.00	3.90	1.79	20.8	ND	ND	ND	ND
F	1½-½	86.6	52.10	2.03	4.26	0.13	0.86	0.59	0.14	0.14	4.0	103.19	14.56	5.70	2.30	21.9	ND	ND	ND	ND
H	½-0	87.6	51.20	1.68	4.28	0.16	1.18	0.46	0.06	0.11	3.5	111.59	10.76	3.40	2.10	14.6	ND	ND	ND	ND
Ae	0-1½	2.9	1.31	0.10	42.30	0.37	4.24	0.02	0.17	0.02	3.2	10.15	0.60	0.06	0.06	7.1	0.04	0.16	0.00	4.1
Bhf	1½-4	28.5	12.30	0.61	19.65	8.00	5.35	0.25	0.60	0.19	4.0	73.54	1.28	0.06	0.23	2.1	7.78	1.04	5.57	ND
Bhf2	4-7	28.0	10.20	0.43	18.81	7.86	7.89	0.26	0.77	0.06	4.6	79.30	0.56	0.02	0.15	0.9	6.24	2.80	5.43	16.1
Bhf3	7-11	24.2	8.78	0.44	20.75	4.69	8.88	0.29	0.78	0.14	4.8	62.46	0.80	0.00	0.13	1.5	2.82	3.40	3.51	9.1
Bfh	11-18	14.6	5.43	0.26	25.47	5.56	7.66	0.38	1.09	0.11	4.8	39.70	1.12	0.00	0.08	3.0	1.68	2.80	2.00	9.9
BC	18-21	3.3	1.00	0.08	33.69	5.16	6.64	0.46	1.34	0.04	5.0	11.25	1.16	0.00	0.06	10.8	0.17	0.66	0.44	5.9
C	21-30	2.3	0.51	0.03	31.93	6.76	6.60	0.47	1.51	0.05	5.1	7.87	0.44	0.00	0.06	6.4	0.18	0.50	0.25	9.0
C2	30-38	1.7	0.42	0.03	31.91	5.24	6.46	0.51	1.32	0.06	5.2	7.20	0.60	0.00	0.06	9.2	0.15	0.56	0.14	11.2

Maliseet

Ap	0-4	4.8	1.57	0.13	35.80	1.37	6.54	0.30	0.46	ND	5.5	13.40	2.03	0.11	0.54	20.0	0.77	0.59	0.62	ND
Bf	4-10	4.8	1.30	0.07	34.40	2.82	6.28	0.24	0.37	ND	5.4	11.46	1.01	0.02	0.00	9.0	1.17	0.68	1.11	ND
BC	10-15	2.7	0.74	0.05	35.60	2.39	6.77	0.30	0.55	ND	5.5	10.05	0.38	0.00	0.25	6.3	0.39	0.67	0.67	ND
C	15+	2.7	0.50	0.04	37.60	1.20	7.08	0.17	0.73	0.04	5.3	7.81	0.48	0.02	0.27	9.8	0.30	0.42	0.20	ND

Maliseet

L-H	1-0	2.6	35.80	1.31	14.30	0.37	1.30	0.80	0.16	0.05	4.3	85.94	10.40	1.64	0.90	15.1	ND	ND	ND	ND
Ae	0-2	9.9	0.42	0.08	41.90	0.42	2.35	0.30	0.08	0.02	3.9	10.31	0.32	0.30	0.06	6.6	0.10	0.20	ND	24.4
Bfh	2-4	9.1	3.97	0.26	30.10	2.55	7.87	0.42	0.08	0.04	4.9	28.51	0.20	0.16	0.08	1.5	2.41	1.51	2.11	ND
Bf	4-7	4.6	1.22	0.11	35.90	1.17	7.41	0.30	0.19	0.05	5.4	11.03	ND	ND	ND	ND	0.31	0.99	0.62	7.6
BC	7-11	1.9	0.18	0.04	38.50	1.21	6.61	0.32	0.20	0.04	5.4	4.92	0.56	0.04	0.05	13.2	0.03	0.30	0.06	8.9
C	11-15	0.9	0.09	0.03	38.20	1.40	5.44	0.34	0.28	0.04	5.9	2.81	0.56	0.02	0.02	21.3	0.07	0.12	0.02	10.0
C2	15-24	0.5	0.12	0.04	36.60	1.85	7.26	0.27	0.16	0.06	5.5	3.25	0.56	0.00	0.02	17.8	0.02	0.08	0.05	17.6
C3	24-36	0.5	0.12	0.03	38.10	1.90	5.13	0.39	0.29	0.04	5.9	1.93	0.48	0.00	0.02	25.9	0.08	0.10	0.01	11.7
C4	36-52	0.7	0.15	0.02	38.70	1.23	6.41	0.39	0.15	0.06	5.6	4.50	0.72	0.00	0.03	16.6	0.07	0.15	0.03	14.5
C5	52-66+	ND	0.06	0.02	ND	ND	ND	ND	ND	ND	5.6	2.70	ND	ND	ND	ND	ND	ND	0.04	20.1

McGee

Ae	0-4	4.7	1.93	0.14	37.20	0.87	6.26	0.21	0	0.21	0.01	3.7	14.15	2.18	0.45	0.44	21.7	0.16	0.15	0.50	ND
Bhf	4-5	18.0	6.98	0.34	26.90	4.42	7.97	0.69	1	1.20	0.03	4.0	41.25	1.53	0.61	2.20	10.5	2.98	0.36	3.58	ND
Bhf2	5-6	20.8	8.10	0.16	22.70	4.65	11.90	0.53	0	0.50	0.01	4.5	40.77	0.87	0.18	0.42	3.6	3.55	1.61	5.87	ND
Bfh	6-12	11.1	4.64	0.16	26.20	3.46	8.31	1.46	1	1.91	0.01	4.6	10.77	0.36	0.03	0.44	7.7	2.23	1.17	2.81	ND
C	12-15+	2.2	0.89	0.07	31.30	1.92	10.83	0.31	0	0.31	0.04	4.9	6.21	0.27	0.02	0.79	17.4	0.35	1.44	0.39	ND

McGee

L-H	1-0	89.9	57.60	1.01	2.78	0.09	0.07	0.69	0	0.07	0.14	4.5	103.00	20.35	1.04	3.76	24.4	ND	ND	ND	3.20
Ae	0-1½	3.9	1.50	0.11	38.60	0.40	5.27	0.19	0	0.12	0.03	3.7	20.40	4.30	0.33	0.37	24.5	0.12	0.19	0.59	2.80
Bhf	1½-3	18.0	7.10	0.26	25.70	3.22	10.25	0.19	0	0.72	0.08	4.4	70.00	3.47	0.20	0.75	6.3	0.28	0.69	3.58	32.00
Bfh	3-6	11.7	4.40	0.22	28.70	1.69	9.48	0.05	0	0.59	0.02	4.1	39.38	0.16	0.01	1.24	3.6	1.11	1.28	2.15	11.40
BC	6-11	7.7	1.60	0.10	30.30	3.86	11.10	0.10	0	0.65	0.02	4.4	17.10	0.00	0.00	0.95	5.6	0.48	1.29	0.92	3.20
C	11-54	2.1	0.30	0.05	31.00	2.05	11.70	0.11	1	1.09	0.01	4.7	5.00	0.00	0.00	0.58	1.6	0.24	0.98	0.15	2.60
C2	54+	1.6	0.20	0.05	31.80	2.06	10.05	0.10	0	0.84	0.01	4.8	3.20	0.85	0.01	1.00	58.1	0.26	0.54	0.15	2.80

Monquart

L-H	1-0	15.3	8.35	0.39	30.10	1.64	7.81	0.58	0.33	0.08	5.1	17.55	7.12	0.20	0.12	42.4	ND	ND	ND	8.49
Ae	0-2	2.4	0.91	0.09	38.80	0.42	4.94	0.52	0.06	0.03	4.4	13.53	1.28	0.14	0.01	10.6	0.22	0.30	0.06	3.60
Bfh	2-6	9.4	3.50	0.19	29.40	3.56	7.00	0.24	0.27	0.17	4.5	23.88	1.36	0.10	0.01	6.2	3.42	1.05	1.62	24.31
Bfh2	6-10	9.4	3.10	0.18	32.00	3.76	7.33	0.33	0.38	0.08	4.9	28.34	0.40	0.13	0.01	1.9	1.70	1.50	1.38	7.41
Bfj	10-13	3.4	0.85	0.08	36.00	4.13	6.08	0.17	0.63	0.04	5.0	10.43	0.52	0.05	0.01	5.6	0.37	0.85	0.26	9.84
Bfj2	13-26	2.0	0.49	0.07	35.80	2.53	7.46	0.14	0.54	0.04	5.0	8.52	0.48	0.04	0.01	6.2	0.51	0.68	0.18	8.58
C	26-42	1.9	0.15	0.04	35.80	1.55	7.66	0.26	0.47	0.04	4.9	4.64	0.19	0.11	0.00	6.5	0.27	0.71	0.06	1.60
C2	42-60	0.9	0.12	0.04	35.30	0.80	8.60	0.46	0.74	0.05	5.4	4.32	1.00	0.10	0.01	25.6	0.24	0.28	0.12	1.39
C3	60-64+	1.0	0.16	0.06	33.50	1.28	9.49	0.49	0.65	0.06	6.0	7.10	0.64	0.40	0.07	15.6	0.34	0.31	0.16	2.72

Table 22. Chemical analyses of representative soil profiles (continued)

Hor.	Depth in.	Percentage of ovendry weight: Loss on ign. 450° C	C	N	Si	Fe	Al	Ca	Mg	P	pH	Cation exchange cap. meq/100 g	Exchangeable cations, meq/100 g: Ca	Mg	K	Percentage of ovendry weight: Base satn	Free Fe	Free Al	HF-sol C	Sol P ppm
										Nackawic										
H	2-0	58.4	28.10	0.81	12.40	0.73	3.99	2.97 0	0.65	0.13	5.6	106.46	65.00	3.00	0.28	64.1	ND	ND	ND	ND
Ahe	0-6	27.7	13.90	0.41	19.50	1.68	11.09	1.85 1	1.19	0.11	5.7	52.55	40.16	1.36	0.28	79.5	0.73	0.61	0.54	ND
Bg	6-11	3.2	0.58	0.05	29.50	2.17	11.33	0.89 1	1.16	0.04	6.7	25.11	16.20	0.86	0.18	68.7	0.39	0.20	0.39	4.5
Ckg	11-21	1.2	0.06	0.03	27.80	2.24	9.63	5.01 1	1.21	0.04	7.9	9.44	17.80	0.18	0.12	Satd.	0.11	0.05	0.04	14.6
Ckg2	21-32	*0.6*	*0.03*	*0.02*	*28.40*	*2.11*	*8.26*	*5.05 1*	*1.18*	*0.04*	*8.1*	*9.32*	*16.00*	*0.18*	*0.11*	*Satd.*	*0.07*	*0.04*	*0.01*	*14.6*
Ck	32-52	0.8	0.09	0.02	31.40	1.75	9.05	3.00 0	0.98	0.04	8.0	9.99	16.20	0.24	0.11	Satd.	0.13	0.07	0.04	14.6
Ck2	52-64+	0.1	0.12	0.12	31.00	1.24	9.38	3.36 1	1.27	0.04	8.0	11.00	17.80	0.24	0.13	Satd.	0.17	0.11	0.10	1.9
										Poitras										
L-H	6-3	74.6	40.50	1.57	6.50	0.52	1.25	3.00	0.11	0.04	6.0	122.20	86.25	4.45	5.15	78.4	ND	ND	ND	ND
H2	3-0	85.2	*46.80*	*2.04*	*1.64*	*0.04*	*0.04*	4.77	*0.04*	*0.02*	6.3	214.30	*112.50*	6.24	2.78	56.7	*0.14*	*0.19*	*16.40*	ND
Aheg	0-4	15.9	7.60	0.40	28.60	1.99	8.33	1.04	0.82	0.05	6.4	40.50	1.93	1.01	1.39	10.7	1.03	0.62	2.28	ND
Bg	4-12	6.7	2.70	0.21	30.00	1.32	10.55	0.90	1.17	0.01	6.3	21.67	12.50	0.68	0.27	62.0	0.52	0.18	0.72	ND
Cg	12+	4.7	1.78	0.18	31.80	1.33	9.67	0.92	0.83	0.02	6.2	14.72	8.83	0.52	0'62	67.7	0.28	0.45	0.20	ND
										Poitras										
L-H	2-0	71.0	49.50	1.44	2.81	0.40	0.20	1.87	0.05	0.02	3.8	281.11	90.50	3.16	1.74	33.9	ND	ND	ND	ND
Ahe	0-7	23.6	4.80	0.60	25.30	1.27	8.97	0.71	0.56	0.01	3.8	52.48	2.64	0.90	3.12	12.7	0.27	0.23	1.86	ND
Aeg	7-11	6.2	3.10	0.13	31.20	2.36	8.67	0.88	0.66	0.02	4.2	21.83	0.45	0.07	0.63	5.3	0.10	0.12	0.85	ND
Cg	11-22+	*1.9*	*0.70*	*0.06*	33.80	*1.68*	8.46	*1.04*	*0.84*	*0.01*	4.9	7.24	*2.04*	*0.55*	*0.55*	43.4	*0.07*	*0.02*	*0.20*	ND
L-H	3-0	70.7	41.40	1.35	10.90	1.13	0.11	1.35	0.07	0.13	4.2	222.88	6.80	2.80	1.27	39.8	ND	ND	ND	ND
Aeg	0-10	3.2	0.85	0.09	37.00	0.78	6.74	0.27	0.27	0.02	4.7	13.79	0.52	0.04	0.05	4.9	0.10	0.30	0.20	13.0
Bg	10-22	2.2	0.30	0.03	37.20	1.69	7.24	0.35	0.72	0.05	5.5	5.36	0.52	0.02	0.05	11.0	0.21	0.50	0.14	13.6
Cg	22-32	0.9	0.12	0.03	34.70	2.23	7.84	0.20	0.83	0.04	5.4	4.80	0.48	0.01	0.06	11.5	0.09	0.18	0.05	37.4
Cg2	32-42	1.4	0.03	0.03	36.20	1.96	7.76	0.29	0.89	0.05	5.5	5.36	0.80	0.01	0.06	16.2	0.22	0.11	0.01	44.6
Cg3	42-54	1.6	0.21	0.03	35.20	1.46	8.77	0.22	0.98	0.06	5.5	6.57	0.68	0.00	0.06	11.3	0.23	0.24	0.12	40.1
Cg4	54+	1.6	0.15	0.03	34.40	1.18	8.77	0.27	0.88	0.06	5.6	4.92	0.68	0.00	0.06	15.0	0.22	0.21	0.05	26.2
										Quisibis										
Ap	0-6	11.7	4.68	ND	29.40	3.06	7.85	0.91	0.63	ND	7.2	31.80	19.80	0.08	0.97	65.5	1.63	0.84	3.61	ND
L-H	3-0	78.7	42.50	1.69	7.30	0.89	0.00	1.19	0.03	0.14	4.6	85.50	13.92	2.30	1.29	20.5	ND	ND	ND	ND
Ae	0-7	3.8	1.56	0.19	38.90	2.41	4.07	0.49	0.11	0.03	4.1	12.73	1.63	0.21	1.15	23.5	0.12	0.71	0.08	ND
Bfh	7-8	11.1	3.83	0.23	28.00	4.05	8.83	0.21	0.34	0.05	5.2	32.90	1.72	0.23	0.41	7.2	2.18	1.12	0.93	ND
Bf	8-11	4.8	1.31	0.11	31.80	2.57	8.35	0.51	0.39	0.03	5.1	16.64	0.38	0.02	0.30	4.2	1.34	0.90	0.57	ND
C	11-20	3.4	0.61	0.10	29.90	4.68	10.39	0.51	0.30	0.04	5.3	12.75	5.05	0.02	0.19	41.3	0.41	0.49	0.41	ND

Salmon

L-H	½-0	67.1	36.00	1.71	9.42	4.09	2.28	0.35	0.18	0.06	4.6	122.00	10.10	2.55	8.80	18.2	ND	ND	ND	ND
Aeg	0-2	6.6	2.83	0.19	34.60	2.86	5.58	0.30	0.27	0.02	5.2	28.58	1.70	0.28	0.51	8.7	0.68	0.87	0.71	ND
Bfg	2-5	6.9	2.29	0.19	30.20	2.56	8.77	0.43	0.82	0.01	5.2	21.20	0.48	0.00	0.24	3.4	1.22	0.56	0.98	ND
Btg	5-11	1.6	1.09	0.07	34.80	1.21	9.14	0.54	1.01	0.01	5.3	9.27	0.35	0.06	0.23	6.9	0.44	1.07	0.77	ND
Cg	11+	1.5	0.24	0.06	35.70	2.50	8.35	0.24	1.17	0.01	5.5	8.80	2.46	0.90	0.90	42.5	0.59	0.42	0.12	ND

Serpentine

L	1-¾	89.8	51.50	2.10	3.15	0.12	0.44	1.02	0.12	0.14	5.0	125.59	ND	ND	ND	ND	ND	ND	ND	ND
F	¾-½	89.1	49.00	2.27	3.59	0.29	0.75	0.65	0.18	0.14	4.5	111.97	ND	ND	ND	ND	ND	ND	ND	ND
H	½-0	60.2	39.80	1.54	13.90	0.20	3.33	0.63	0.65	0.14	4.3	60.73	ND	ND	ND	ND	ND	ND	ND	ND
Ae	0-1	4.4	1.70	0.16	42.11	1.01	4.87	0.13	0.37	0.03	3.6	13.61	2.04	0.54	0.17	20.2	0.06	0.20	0.21	10.08
Bhf	1-2½	28.1	19.20	0.73	21.83	5.85	6.22	0.27	0.68	0.14	3.8	55.63	2.28	0.96	0.32	6.4	4.26	0.93	4.80	ND
Bhf2	2½-5½	23.7	16.10	0.46	20.63	7.01	8.53	0.28	0.49	0.14	4.5	53.26	1.40	0.29	0.16	3.5	2.95	2.15	7.78	ND
Bfh	5½-7½	13.1	4.22	0.20	25.30	3.51	11.96	0.36	1.11	0.10	4.7	35.34	2.16	0.22	0.13	7.1	1.81	2.65	1.99	10.2
Bf	7½-13½	6.1	1.88	0.11	28.98	4.72	10.39	0.41	1.05	0.07	4.6	18.68	1.34	0.03	0.06	7.7	1.34	1.50	1.05	9.7
BC	13½-25½	4.0	1.19	0.08	29.23	4.17	11.44	0.45	1.28	0.05	4.7	12.69	1.00	0.00	0.08	8.5	0.46	0.79	0.76	13.8
C	25½-33	2.6	0.33	0.03	30.54	4.90	11.69	0.55	1.39	0.05	5.0	9.07	1.38	0.02	0.08	16.3	0.29	0.49	0.20	27.3
C2	33-42+	1.8	0.18	0.02	30.73	5.17	12.20	0.60	1.23	0.06	5.3	10.25	7.60	2.24	0.08	96.8	0.37	0.23	0.09	27.9

Siegas

L-H	1-0	21.6	13.00	0.65	26.40	0.95	6.80	0.80	0.55	0.07	5.5	36.61	14.00	2.30	0.24	45.2	ND	ND	ND	ND
Ae	0-1	3.9	1.28	0.11	39.10	0.49	5.56	0.28	0.19	0.03	5.1	13.17	1.10	0.48	0.01	12.1	0.14	0.31	0.22	26.0
Bfh	1-2	12.4	5.64	0.37	30.30	1.99	7.81	0.41	0.45	0.07	4.6	37.67	1.10	0.50	0.05	4.4	1.94	0.97	2.32	28.8
Bf	2-4½	5.7	1.45	0.17	33.50	1.33	8.95	0.27	0.31	0.05	4.7	17.76	1.34	0.30	0.04	9.5	0.88	0.70	1.30	28.2
Ae2	4½-7	1.3	0.30	0.05	34.50	2.11	8.36	0.38	0.57	0.04	5.3	5.65	2.02	0.17	0.03	39.3	0.16	0.35	0.16	24.0
Bt	7-10	1.2	0.19	0.05	32.80	1.40	10.10	0.20	0.71	0.04	5.5	6.99	3.02	0.31	0.03	48.1	0.16	0.24	0.07	21.7
Btg	10-15	1.1	0.13	0.05	32.40	1.40	9.95	0.18	1.23	0.05	6.6	9.66	8.30	0.96	0.03	96.2	0.21	0.24	0.05	8.4
Btkg	15-36	0.3	0.06	0.05	34.30	1.03	9.76	0.49	1.18	0.06	7.1	6.45	7.78	0.71	0.03	Satd.	0.17	0.20	0.06	4.9
Ckg	36-48	0.4	0.09	0.05	34.40	2.18	9.08	0.16	1.53	0.06	8.0	10.52	10.48	0.15	0.03	Satd.	0.11	0.21	0.03	2.2
Cg	48-62+	0.8	0.12	0.07	32.00	1.39	11.70	0.29	1.55	0.05	6.3	10.86	4.62	0.23	0.03	44.9	0.24	0.14	0.05	11.3

Skin Gulch

L-H	2-0	87.3	48.90	1.67	3.50	0.32	0.41	1.47	0.01	0.03	4.3	123.50	16.25	2.14	2.60	16.9	ND	ND	ND	ND
Aeg	0-1½	6.5	2.90	0.20	34.50	0.49	7.02	0.88	0.02	0.03	4.3	26.78	1.49	0.76	3.15	17.1	0.13	0.09	0.78	ND
Bfhgj	1½-4½	9.8	4.25	0.33	26.90	4.20	9.55	0.99	0.25	0.02	4.5	39.70	1.11	0.64	1.08	7.1	2.15	0.24	1.45	ND
Bfhgj2	4½-9½	11.1	3.55	0.33	25.60	4.16	11.11	0.65	0.62	0.02	4.8	34.05	1.17	0.11	0.95	6.5	1.67	0.95	1.22	ND
Cg	9½-36+	3.6	0.84	0.12	27.00	1.89	10.85	0.54	0.89	0.01	5.1	14.16	0.98	0.25	0.64	13.2	0.51	1.27	0.27	ND

Thibault

L-H	1½-0	53.1	18.00	1.35	24.00	0.65	2.89	0.94	0	0.16	0.07	5.2	71.90	24.40	0.97	7.50	45.8	0.22	ND	ND	43.8
Ae	0-2	2.4	0.82	0.15	40.70	0.23	4.00	0.19	0	0.16	0.01	4.2	9.90	0.14	0.41	0.79	13.6	0.03	0.37	0.02	5.0
Bfh	2-10	18.5	5.70	0.43	23.50	4.47	9.09	0.19	1	1.40	0.23	4.7	64.60	0.26	0.21	0.00	0.0	4.43	1.11	2.49	15.6
Bf	10-15	5.8	1.72	0.12	29.90	0.76	11.48	0.13	1	1.55	0.02	5.0	15.70	0.08	0.03	1.05	7.4	0.69	1.90	1.57	1.8
Bf2	15-23	4.6	0.67	0.06	30.40	1.42	11.52	0.23	1	1.55	0.02	4.8	10.40	0.12	0.02	1.01	11.1	0.83	1.98	0.34	0.4
C	23-54	2.0	0.37	0.04	34.10	1.47	9.83	0.20	1	1.33	0.02	4.9	5.40	0.05	0.00	0.95	18.5	0.35	1.52	0.16	2.6
C2	54+	2.3	0.42	0.06	32.70	1.39	9.60	0.29	1	1.62	0.02	4.9	6.00	0.15	0.03	1.13	21.8	0.39	1.17	0.04	4.2

Table 22. Chemical analyses of representative soil profiles (continued)

Hor.	Depth in.	Percentage of ovendry weight: Loss on ign. 450° C	C	N	Si	Fe	Al	Ca	Mg	P	pH	Cation exchange cap. meq/100 g	Exchangeable cations, meq/100 g: Ca	Mg	K	Percentage of ovendry weight: Base satn	Free Fe	Free Al	HF-sol C	Sol P ppm
										Tuadook										
L	1½-1¼	92.6	53.50	1.98	2.98	0.08	0.62	0.99	0.14	0.15	4.3	114.72	21.50	4.80	2.61	25.2	ND	ND	ND	ND
F	1¼-½	93.4	54.40	2.33	1.80	0.08	0.50	0.62	0.06	0.15	4.4	120.22	11.70	3.26	2.40	14.4	ND	ND	ND	ND
H	½-0	81.6	51.20	1.77	7.21	0.28	1.46	0.27	0.08	0.12	3.7	87.63	4.09	1.20	1.44	7.7	ND	ND	ND	ND
Ae	0-2	5.3	2.45	0.15	39.89	1.26	3.21	0.22	0.12	0.02	3.6	12.53	0.92	0.00	0.09	8.1	0.06	0.12	0.00	3.0
Bhf	2-4½	29.0	12.10	0.65	21.32	7.71	4.92	0.48	0.48	0.09	4.1	72.29	1.16	0.28	0.28	2.4	5.82	1.21	3.71	ND
Bhf2	4½-7	20.3	7.38	0.40	25.34	4.87	6.84	0.44	0.57	0.08	4.6	55.08	0.03	0.04	0.13	0.3	2.80	2.82	6.21	5.9
Bfh	7-9	9.4	3.73	0.21	28.84	3.23	8.19	0.54	0.66	0.07	5.0	30.58	0.03	0.00	0.08	0.4	0.95	2.70	1.59	3.8
Bf	9-12	9.9	2.85	0.18	30.48	2.95	8.04	0.58	0.76	0.06	5.0	26.62	0.03	0.00	0.07	0.4	0.84	2.20	1.65	4.1
Bf2	12-14	5.6	1.35	0.10	33.98	4.45	9.81	0.66	0.79	0.04	5.0	14.10	0.03	0.00	0.07	0.7	0.38	1.25	0.57	4.1
BC	14-24	2.5	0.45	0.04	35.72	3.38	6.79	0.76	0.71	0.04	5.1	8.88	0.03	0.00	0.48	5.7	0.15	0.53	0.23	7.0
C	24-36	2.3	0.30	0.03	34.18	3.53	7.64	0.73	0.81	0.04	5.2	6.87	0.02	0.00	0.48	7.3	0.11	0.48	0.13	9.8
C2	36-48	2.0	0.27	0.03	33.36	5.55	7.35	0.58	0.55	0.04	5.0	6.88	0.88	0.00	0.07	13.8	0.18	0.55	0.16	11.7
										Victoria										
Ap	0-3	7.5	2.83	0.19	31.8	2.75	8.71	0.59	0.59	ND	5.5	20.05	2.18	0.03	1.55	18.7	1.08	0.84	1.15	ND
Ae		2.5	0.85	0.06	ND	ND	ND	ND	ND	ND	5.3	13.08	1.79	0.16	1.42	25.7	0.43	0.89	0.39	ND
Bf		2.8	0.53	0.04	ND	ND	ND	ND	ND	ND	4.9	11.78	0.35	0.08	1.49	16.2	1.06	0.82	0.30	ND
C		1.9	0.42	0.05	32.80	2.55	8.02	0.29	0.93	0.06	5.3	10.98	0.27	0.03	1.60	17.3	0.51	0.62	0.28	ND
										Victoria										
L-H	2-0	87.0	48.00	1.41	3.78	0.31	0.03	0.72	0.01	0.08	3.9	368.60	6.35	0.22	0.75	1.9	ND	ND	ND	ND
Ae	0-3	5.7	3.21	0.14	36.70	0.31	5.61	0.37	0.15	0.02	3.5	30.85	1.07	0.25	0.16	4.7	0.10	0.39	0.64	ND
Bhf	3-6	22.2	8.30	0.41	23.90	4.26	9.24	0.26	0.51	0.10	4.4	56.70	0.27	0.36	3.50	7.2	3.95	1.22	5.08	ND
Bfh	6-9	14.3	4.72	0.24	26.50	2.75	10.70	0.26	0.64	0.11	4.8	41.15	0.33	0.13	1.51	4.7	2.78	1.62	2.80	ND
Bfj	9-13	7.2	1.98	0.10	30.10	1.53	10.20	0.33	0.86	0.04	4.9	23.90	0.19	0.07	3.00	13.6	1.16	1.16	1.19	ND
C	13+	4.5	1.37	0.09	31.80	2.39	10.32	0.20	0.59	0.03	5.2	17.05	0.19	0.00	1.18	7.9	0.27	0.98	0.93	ND
										Washburn										
L-H	4-2	84.4	49.70	1.38	2.60	1.09	0.10	3.24	0.03	0.02	5.8	187.16	109.00	3.95	3.90	62.4	ND	ND	ND	ND
H2	2-0	63.7	42.80	1.42	8.20	1.04	1.40	4.97	0.22	0.03	6.6	233.14	73.60	4.20	3.08	34.7	0.07	0.55	14.12	ND
Ah	0-4	24.2	12.10	0.60	22.20	2.50	7.80	2.29	0.45	0.04	6.7	31.31	47.50	2.52	3.34	Satd.	0.63	0.28	3.28	ND
Bg	4-17	3.4	1.20	0.14	30.40	2.40	10.60	0.59	0.48	0.01	7.1	8.64	39.40	2.40	2.88	Satd.	0.32	0.32	0.39	ND
Ckg	17-23	1.6	0.50	0.11	29.60	2.76	11.65	0.91	0.80	0.01	7.6	8.14	33.40	1.23	1.96	Satd.	1.43	0.51	0.26	ND
Ckg2	23+	6.5	3.40	0.28	31.10	1.89	8.50	1.20	0.77	0.01	6.6	18.32	65.00	3.30	2.70	Satd.	0.66	0.45	0.68	ND

Table 23. Chemical properties of organic soils

Horizon	Layer inches	pH in H_2O	pH in 1.0 N KCl	Sol in Sodium Pyro-phosphate	Percent Fiber Content	Percent Nitrogen	Percent Total Carbon	meq/100 g Cat. Exch. Capacity	Percent (2 mm) Loss on Ignition	Percent Hygroscopic moisture
					St. Quentin Peat					
	0-10	6.30	3.10	10YR 7/3	36.50	1.76	42.96	301.2	90.00	14.10
	10-18	6.60	6.00	10YR 8/3	17.91	1.09	43.78	144.4	81.80	15.31
	18-36	6.40	5.75	10YR 8/3	16.86	1.07	45.12	155.2	91.57	15.26
	36-47	6.70	6.15	10YR 8/1	98.28	1.07	49.48	110.1	89.93	11.83
	47-49	6.95	6.25	10YR 4/3	4.85	1.16	41.27	176.4	75.59	16.07
Aeg	49-50	6.60	ND	ND	ND	ND	2.87	ND	ND	ND
Aeg2	50-54	6.40	ND	ND	ND	ND	0.61	ND	ND	ND
Aeg3	54-57	7.80	7.20	ND	ND	ND	0.60	ND	ND	ND
Ckg	57-60+	8.00	7.10	ND	ND	ND	0.26	ND	ND	ND
					Mud Brook Peat					
	0- 4	4.35	2.95	10YR 7/3	43.19	0.81	44.10	125.2	89.95	10.30
	4-24	4.20	3.25	10YR 8/1	33.64	0.85	49.70	147.8	93.92	12.14
	24-47	4.70	4.35	10YR 8/2	57.58	0.91	49.28	148.6	89.21	12.44
	47-63	5.70	5.70	10YR 3/1	22.78	1.06	45.44	154.4	80.36	14.01