WORKING REPORT

DESCRIPTION OF SOILS FOR NORTHERN VANCOUVER ISLAND

Province of British Columbia
Ministry of Environment
ASSESSMENT AND PLANNING DIVISION

WORKING REPORT

DESCRIPTION OF SOILS FOR NORTHERN VANCOUVER ISLAND

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prepared by

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INTRODUCTION

The soils of northern Vancouver Island have been mapped at a reconnaissance level of investigation. The soil maps are presented at a scale of 1:50 000. Each map contains a soils key which briefly describes the characteristics of each map unit. The expanded legend in this report provides additional information for each soil association component mapped in the study area. In addition, landscape characteristics used to stratify the soils are shown. The methods used to map the soils of Vancouver Island are explained by Jungen (in preparation).

The report is technical and is intended for people with some background in soil science. Definitions and explanation of terms are not given; those requiring such information should refer to Source of Further Information. The Terrestrial Studies Branch would be willing to assist users in developing interpretations for specific purposes.

Soils can be interpreted for a number of land uses to determine their suitability for agriculture, forestry, recreation, wildlife, and engineering uses such as roads, dwellings, and septic tanks. The methods used to derive many of these interpretations are outlined by Jungen (in preparation) and should be consulted by users interested in providing similar land use interpretations for northern Vancouver Island.

Soil profile descriptions and physical and chemical analyses of many soils for northern Vancouver Island (Chatterton and Senyk, in preparation) will be available upon request from the Map Librarian, Assessment and Planning Division, Ministry of Environment, Parliament Buildings, Victoria, B.C., V8V 1X4. The 1:50 000 scale soil maps and accompanying soil keys for northern Vancouver Island can also be obtained at the above address; please specify the appropriate National Topographic Series (N.T.S.) map sheets.

Other reports and maps are or will soon be available which describe the geology, climate, and vegetation of the study area. Please refer to Sources of Further Information for the appropriate references.

STRATIFICATION USED FOR THE SOILS OF NORTHERN VANCOUVER ISLAND

Biophysical Forest Zone and Subzone	Soil Parent Material (Surficial Material)	Dominant Bedrock	Texture	Soil Classification	Soil Association	
					Name	Map Symbol
Inner Coastal western hemlock zone: western hemlock subzone (ICwH:b)	Colluvium - veneer (< 1m)	intrusive	coarse	O.HFP	Strata	ST
		volcanic	medium	O.HFP	Rossiter	RT
		limestone	medium	O.HFP	Hemmingsen	HG
	- deep (> 1m)	intrusive	coarse	O.HFP	Council	CL
		volcanic	medium	O.HFP	Cullite	CT
	Morainal (till)	intrusive	coarse	DU.HFP	Granite	GT
		volcanic	medium	DU.HFP	Quimper	QP
	Fluvial	-	coarse	DU.HFP	Honeymoon	HM
		-	medium-sandy / gravelly	O.DYB	Kaipit	KP
	Organic	-	mesic	T.M	Aveline	AE
		limestone	fibric	TY.FO	Huston	HU
Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone (OCwH-aF:a)	Colluvium - veneer (< 1m)	intrusive	coarse	O.HFP	Shelbert	SB
		intrusive	coarse	O.FHP	Sprise	SS
		volcanic	medium	O.HFP	Rutley	RY
		volcanic	medium	O.FHP	Reeses	RS
		limestone	medium	O.HFP	Hesquiat	HQ
		limestone	medium	O.FHP	Hecate Cove	HV
		sedimentary	coarse-variable	O.FHP	Hushamu	HS
		calc. sedimentary	medium-variable	O.FHP	Parson's Bay	PB
	- deep (> 1m)	intrusive	coarse	O.HFP	Carwithen	CN
		intrusive	coarse	O.FHP	Cotter	CR
		volcanic	medium	O.HFP	Carmanah	CM
		volcanic	medium	O.FHP	Calmus	CS
		sedimentary	coarse-variable	O.FHP	Christensen Point	CP
		calc.sedimentary	medium-variable	O.FHP	Port McNeill	PM
	Morainal (till)	intrusive	coarse	DU.HFP	Grierson	GR
		intrusive	coarse	DU.FHP	Goldstream	GL
		intrusive	coarse	DU.FHP(GL)	Godkin	GO
		volcanic	medium	DU.HFP	Quatsino	QS
		volcanic	medium	DU.FHP	Sarita	SR
		volcanic	medium	DU.FHP(GL)	Quatse	QU
		volcanic	medium	GLOT.FHP	Ronning	RG
		calc. sedimentary	medium-fine	O.FHP	William Lake	WL
		calc. sedimentary	medium-fine	GL.FHP	Winter Harbour	WR

	Fluvial	-	gravelly	O.R	Heather	HH
		-	gravelly	DU.HFP	Holford	HO
		-	gravelly	OT.HFP	Holdsworth	HW
		-	gravelly	DU.FHP	Hardy Bay	HD
		-	gravelly	OT.FHP	Hooper	HP
		-	gravelly	DU.FHP(GL)	Strandby Main	SM
		-	gravelly	GLOT.FHP	Sandhill	SD
		-	gravelly	.G	Sugsaw	SW
		-	gravelly	O.FHP	Orchard Point	OP
		-	medium - sandy gravelly	.G	Varney Bay	VB
		-	medium-sandy gravelly	O.HFP	Conuma	CU
		-	medium-sandy gravelly	.G	Cluxewe	CX
	Marine	-	sandy	P.FHP	Vargas	V
		-	medium-fine	O.HFP	Kennedy Lake	KL
		-	medium-fine	GL.HFP	Kootowis	KO
		-	medium-fine	.G	Tofino	TO
	Organic	-	mesic	T.M	Amphitrite	AT
		-	humic	T.H	Alice Lake	AL
		limestone	fibric	TY.FO	Hansen Bay	HN
Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone (CwH-aF:b)	Colluvium - veneer (< 1m)	mixed	medium-coarse	O.HFP	Nitinat	NI
		intrusive	coarse	O.FHP	Shirmish	SI
		volcanic	medium	O.FHP	Rainier	RI
		limestone	medium	O.HFP	Lemmens Inlet	LI
		sedimentary	coarse-variable	O.FHP	Victoria Lake	VI
		calc. sedimentary	medium-variable	O.FHP	Pinch Creek	PN
	- deep (> 1m)	mixed	medium-coarse	O.HFP	Kildonan	KI
		mixed	medium-coarse	O.FHP	Crespi	CI
		calc. sedimentary	medium-variable	O.FHP	Brink Lake	BI
	Morainal (till)	mixed	medium-coarse	DU.HFP	Moyeha	MI
		intrusive	coarse	DU.FHP	Grilse	GI
		intrusive	coarse	DU.FHP(GL)	Davie River	DI
		volcanic	medium	DU.FHP	Quibble	QI
		volcanic	medium	DU.FHP(GL)	Fisherman	FI
		calcareous	medium-fine	O.FHP	Tahsish	TI
		calcareous	medium-fine	GL.FHP	Widow Mountain	WI
	Fluvial	-	gravelly	DU.HFP	Espinosa	EI
		-	gravelly	DU.FHP	Hepatzi	HI
		-	gravelly	DU.FHP(GL)	Onetree Islet	OI
	Organic	-	mesic	T.M	Artlish	AI
		limestone	fibric	TY.FO	Iron Lake	I
Outer Coastal western hemlock - western red cedar zone: peat moss subzone (OCwH-rC:a)	Colluvium - veneer (< 1m)	intrusive	coarse	GL.FHP	Isle Lake	IK
		volcanic	medium	GL.FHP	Village Lake	VK
		limestone	medium	GL.FHP	Laura Creek	LK
		sedimentary	coarse-variable	GL.FHP	Nahshutti Lake	NK
		calc. sedimentary	medium-variable	GL.FHP	Caledonia Creek	CK
	- deep (> 1m)	mixed	medium-coarse	O.FHP	Minx Rock	MK
		calc. sedimentary	medium-variable	O.FHP	Pugh Creek	PK
	Morainal	intrusive	coarse	DU.FHP(GL)	Gayward Rock	GK
		volcanic	medium	DU.FHP(GL)	Rannell Creek	RK
		calc. sedimentary	medium-variable	GL.FHP	Thompson Rock	TK
	Fluvial	-	gravelly	GL.FHP	Jensen Creek	JK
		-	gravelly	DU.FHP(GL)	Ursic Creek	UK
		-	gravelly	GLOT.FHP	Ououkinsh	OK
		-	medium-sandy gravelly	.G	Varney Bay	VB
		-	medium-sandy gravelly	O.HFP	Dillon Rock	DK
		-	medium-sandy gravelly	.G	Erma Lake	EK
	Marine or Eolian	-	sandy	P.FHP	Vargas	V
	Organic	-	humic	T.H	Apple Creek	AK
		limestone	fibric	TY.FO	Flat Rock	FK
Subalpine mountain hemlock - Pacific silver fir zone (SAmH-aF)	Colluvium - veneer (< 1m)	intrusive	coarse	O.FHP	Smokehouse	SH
		volcanic	medium	O.FHP	Ritherton	RH
		limestone	medium	O.FHP	Leighton Mountain	LH
		sedimentary	coarse-variable	O.FHP	Plumper Harbour	MH
		calc. sedimentary	medium-variable	O.FHP	Vernon Hill	VH
	- deep	mixed	medium-coarse	O.FHP	Chetwood	CW
	Morainal	intrusive	coarse	DU.FHP	Green Mountain	GH
		intrusive	coarse	DU.FHP(GL)	Gold Harbour	GH
		volcanic	medium	DU.FHP	Shofield	SO
		volcanic	medium	DU.FHP(GL)	Snowsaddle	SN
		calc. sedimentary	medium-fine	O.FHP	Whiltilla	WH
		calc. sedimentary	medium-fine	GL.FHP	Woss Mountain	WM
	Fluvial	-	gravelly	DU.FHP(GL)	Oktwanch	OH
		-	gravelly	.G	Oman Hill	OM
	Organic	-	mesic	T.M	Ahousat	AS
		limestone	fibric	TY.FO	Ashwood	AH

SOURCES OF FURTHER INFORMATION

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SOIL ASSOCIATION DESCRIPTIONS

SOIL ASSOCIATION DESCRIPTIONS

Each soil association and soil association component mapped in northern Vancouver Island is described here. The soils are described in alphabetical order by soil symbol. Texture, coarse fragment content, landform (terrain) characteristics, slope and elevation range, biophysical forest zone and subzone (according to Harcombe, in prep.), underlying bedrock characteristics, and other landscape features are provided for each soil association.

Components are subdivisions of soil associations based on variations in features such as depth to bedrock, drainage, and soil classification. These variations are described for each component mapped per soil association. Soil classification is according to The Canadian System of Soil Classification (Canada Soil Survey Committee, 1978). Comments are given using a numeric symbol which are explained on p. 115.

Drainage class symbols are as follows:

r	rapidly drained	Soil moisture content seldom exceeds field capacity in any horizon except immediately after water additions.
w	well drained	Soil moisture content does not normally exceed field capacity in any horizon (except possibly in C) for a significant part of the year.
m	moderately well drained	Soil moisture in excess of field capacity remains for a small but significant period of the year.
i	imperfectly drained	Soil moisture in excess of field capacity remains in subsurface horizons for moderately long period during the year.
p	poorly drained	Soil moisture in excess of field capacity remains in all horizons a larger part of the year.
vp	very poorly drained	Free water remains at or within 30 cm of the surface most of the year.

The soil drainage classes are defined in terms of actual moisture content in excess of field capacity, and the extent of the period during which such excess water is present in the plant-root zone. Field capacity is the percentage of water remaining in the soil two or three days after the soil has been saturated and free drainage has practically ceased. Field determination of drainage is usually inferred from soil morphology, slope position, and vegetation.

Aveline Soil Association - AE

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- mesic - stone free - organic veneer, level - level to gentle slope - 0-600 m ASL - generally only scattered trees - may have fibric capping - Inner Coastal western hemlock zone: western hemlock subzone	AE1	Terric Mesisol	vp			
	AE5	Terric Mesisol	vp	Typic Mesisol	vp	15
	AE6	Typic Mesisol	vp	Terric Mesisol	vp	16

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Ashwood Soil Association - AH

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- fibric - stone free - organic veneer over rock - gentle to very steep slopes - 700+ m ASL - on limestone bedrock - may have mineral layer less than 10 cm thick and less than one half the thickness of the organic layer - Subalpine mountain hemlock - Pacific silver fir zone	AH1	Typic Folisol	r-m			

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Artlish Soil Association - A1

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- mesic	A11	Terric Mesisol	vp			
- stone free	A15	Terric Mesisol	vp	Typic Mesisol	vp	15
- organic veneer, level	A16	Typic Mesisol	vp	Terric Mesisol	vp	16
- level to gentle slopes						
- 500-800 m ASL						
- generally only scattered trees						
- may have fibric capping						
- Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Apple Creek Soil Association - AK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- humic - stone free - organic veneer, blanket, level - level to gentle slopes - 0-700 m ASL - generally only scattered trees or no trees growing - may have fibric capping - Outer Coastal western hemlock - western red cedar zone: peat moss subzone	AK1	Terric Humisol	vp			
	AK5	Terric Humisol	vp	Typic Humisol	vp	15
	AK6	Typic Humisol	vp	Terric Humisol	vp	16

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Alice Lake Soil Association - AL

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- humic	AL1	Terric Humisol	vp			
- stone free	AL5	Terric Humisol	vp	Typic Humisol	vp	15
- organic veneer, blanket, level	AL6	Typic Humisol	vp	Terric Humisol	vp	16
- level to gentle slopes						
- 0-700 m ASL						
- generally only scattered trees or no trees growing						
- may have fibric capping						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Ahousat Soil Association - AS

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- mesic - stone free - organic veneer, level - level to gentle slopes - 700+ m ASL - generally only scattered trees - may have fibric capping - Subalpine mountain hemlock - Pacific silver fir zone	AS1 AS5 AS6	Terric Mesisol Terric Mesisol Typic Mesisol	vp vp vp	 Typic Mesisol Terric Mesisol	 vp vp	 15 16

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Amphitrite Soil Association - AT

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- mesic - stone free - organic veneer, blanket, level - level to gentle slopes - 0-700 m ASL - may or may not be treed - may have fibric capping - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	AT1 AT5 AT6	Terric Mesisol Terric Mesisol Typic Mesisol	vp vp vp	 Typic Mesisol Terric Mesisol	 vp vp	 15 16

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Brink Lake Soil Association - BI

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam to loam	BI1	Orthic Ferro-Humic Podzol	w-m			
- rubbly, may have only few or no coarse fragments near surface	BI2	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	w	6
- colluvial apron, blanket, fan	BI3	Orthic Ferro-Humic Podzol	w-m	Gleyed Ferro-Humic Podzol	i-m	1
- gentle to steep slopes	BI8	Orthic Ferro-Humic Podzol	w-m	Orthic Regosol	w-r	7
- 500-800 m ASL						
- calcareous sedimentary bedrock						
- deposit is often deeply weathered in situ bedrock						
- Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Crespi Soil Association - C1

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand - loam	C11	Orthic Ferro-Humic Podzol	w-m			
- rubbly and commonly blocky	C12	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	w	6
- colluvial apron, blanket, fan	C13	Orthic Ferro-Humic Podzol	w-m	Gleyed Ferro-Humic Podzol	i-m	1
- moderate to steep slopes	C18	Orthic Ferro-Humic Podzol	w-m	Orthic Regosol	w-m	7
- 500-800 m ASL						
- mixed acidic bedrock						
- Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Caledonia Creek Soil Association - CK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam to loam	CK1	Gleyed Ferro-Humic Podzol	i-m			
- rubbly	CK2	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m	12
- colluvial veneer	CK3	Gleyed Ferro-Humic Podzol	i-m	Gleysolic	p-vp	8
- gentle to steep slopes	CK5	Gleyed Ferro-Humic Podzol	i-m	Gleyed Ferro-Humic Podzol - shallow lithic phase	i-m	2
- 0-700 m ASL						
- calcareous sedimentary bedrock, massive limestone beds may exist						
- Outer Coastal western hemlock - western red cedar zone: peat moss subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Council Soil Association - CL

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	CL1	Orthic Humo-Ferric Podzol	r-w			
- rubbly and commonly blocky	CL3	Orthic Humo-Ferric Podzol	r-w	Orthic Ferro-Humic Podzol	w-m	5
- colluvial apron, blanket, fan	CL8	Orthic Humo-Ferric Podzol	r-w	Orthic Regosol	r	7
- moderate to steep slopes						
- 0-600 m ASL						
- intrusive bedrock						
- Inner Coastal western hemlock zone: western hemlock subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Carmanah Soil Association - CM

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	CM1	Orthic Humo-Ferric Podzol	r-w-			
- rubbly and commonly blocky	CM3	Orthic Humo-Ferric Podzol	r-w	Orthic Ferro-Humic Podzol	w-m	5
- colluvial apron, blanket, fan	CM8	Orthic Humo-Ferric Podzol	r-w	Orthic Regosol	r	7
- moderate to steep slopes						
- 0-700 m ASL						
- volcanic bedrock						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Carwithen Soil Association - CN

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	CN1	Orthic Humo-Ferric Podzol	r-w			
- rubbly and commonly blocky	CN3	Orthic Humo-Ferric Podzol	r-w	Orthic Ferro-Humic Podzol	w	5
- colluvial apron, blanket, fan	CN8	Orthic Humo-Ferric Podzol	r-w	Orthic Regosol	r	7
- moderate to steep slopes						
- 0-700 m ASL						
- intrusive bedrock						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Christensen Point Soil Association - CP

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt to loamy sand, commonly sandy loam to loam - rubbly and commonly blocky, occasionally gravelly - colluvial apron, blanket, fan - moderate to steep slopes - 0-700 m ASL - non-calcareous sedimentary bedrock, most commonly sandstone but may be siltstone or conglomerate - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	CP1	Orthic Ferro-Humic Podzol	w-m			
	CP2	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	r-w	6
	CP3	Orthic Ferro-Humic Podzol	w-m	Gleyed Ferro-Humic Podzol	i-m	1
	CP8	Orthic Ferro-Humic Podzol	w-m	Orthic Regosol	w	7

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Cotter Soil Association - CR

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	CR1	Orthic Ferro-Humic Podzol	w-m			
- rubbly and commonly blocky	CR2	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	w	6
- colluvial apron, blanket, fan	CR3	Orthic Ferro-Humic Podzol	w-m	Gleyed Ferro-Humic Podzol	i-m	1
- moderate to steep slopes	CR8	Orthic Ferro-Humic Podzol	w-m	Orthic Regosol	w	7
- 0-700 m ASL						
- intrusive bedrock						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Calmus Soil Association - CS

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	CS1	Orthic Ferro-Humic Podzol	w-m			
- rubbly and commonly blocky	CS2	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	r-w	6
- colluvial apron, blanket, fan	CS3	Orthic Ferro-Humic Podzol	w-m	Gleyed Ferro-Humic Podzol	i-m	1
- moderate to steep slopes	CS8	Orthic Ferro-Humic Podzol	w-m	Orthic Regosol	w-m	7
- 0-700 m ASl						
- volcanic bedrock						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Cullite Soil Association - CT

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	CT1	Orthic Humo-Ferric Podzol	w-m			
- rubbly and commonly blocky	CT3	Orthic Humo-Ferric Podzol	w-m	Orthic Ferro-Humic Podzol	m-w	5
- colluvial apron, blanket, fan	CT8	Orthic Humo-Ferric Podzol	w-m	Orthic Regosol	w	7
- moderate to steep slopes						
- 0-600 m ASL						
- volcanic bedrock						
- inner Coastal western hemlock zone: western hemlock subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Conuma Soil Association - CU

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam to fine sandy loam capping overlying sand to loamy sand - stone free capping with gravels in underlying deposit - fluvial veneer or blanket overlying fluvial level, terraced - level to very gentle slopes - 0-700 m ASL - mixed lithologies - may be actively channelled - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	CU1	Orthic Humo-Ferric Podzol	m-w			
	CU2	Orthic Humo-Ferric Podzol	m-w	Dystric Brunisol	m-w	7
	CU3	Orthic Humo-Ferric Podzol	m-w	Orthic Ferro-Humic Podzol	m-w	5

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Chetwood Soil Association - CW

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to loam	CW1	Orthic Ferro-Humic Podzol	m-w			
- rubbly and commonly blocky	CW2	Orthic Ferro-Humic Podzol	m-w	Orthic Humo-Ferric Podzol	w-m	6
- colluvial apron, blanket, fan	CW3	Orthic Ferro-Humic Podzol	m-w	Gleyed Ferro-Humic Podzol	i-m	1
- moderate to steep slopes	CW8	Orthic Ferro-Humic Podzol	m-w	Regosolic	m-w	7
- 700+ m ASL						
- mixed bedrock						
- Subalpine mountain hemlock - Pacific silver fir zone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Cluxewe Soil Association - CX

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam to fine sandy loam capping overlying sand to loamy sand - stone free capping with gravels in underlying deposit - fluvial veneer or blanket overlying fluvial level, terraced - level to very gentle slopes - 0-700 m ASL - mixed lithologies - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	CX1 CX2	Gleysolic Gleysolic	p-vp p-vp	Gleyed Humo-Ferric Podzol	i-m	13

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Davie River Soil Association - DI

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly, occasionally rubbly - morainal blanket, ridged, subdued, veneer - very gentle to steep slopes - 500-800 m ASL - dominantly over intrusive bedrock - unweathered parent material is acid - Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone	DI1	Duric Ferro-Humic Podzol - gleyed phase	i-m			
	DI2	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol	m	12
	DI3	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleysolic	p-vp	8
	DI4	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleyed Ferro-Humic Podzol	i-m	11
	DI5	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol - gleyed phase - shallow lithic phase	i-m	10
	DI7	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
	DI9	Gleysolic	p-vp	Duric Ferro-Humic Podzol - gleyed phase	i-m	9

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Dillon Rock-Soil Association - DK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam to fine sandy loam capping overlying sand to loamy sand - stone free capping with gravels in underlying deposit - fluvial veneer or blanket overlying fluvial level, terraced - level to very gentle slopes - 0-700 m ASL - mixed lithologies - may be actively channelled - Outer Coastal western hemlock - western red cedar zone: peat moss subzone	DK1	Orthic Humo-Ferric Podzol	m-w-			
	DK2	Orthic Humo-Ferric Podzol	m-w	Dystric Brunisol	m-w	7
	DK3	Orthic Humo-Ferric Podzol	m-w	Orthic Ferro-Humic Podzol	m-w	5

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Espinosa Soil Association - E1

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	E11	Duric Humo-Ferric Podzol	w-m			
- gravelly	E13	Duric Humo-Ferric Podzol	w-m	Duric Ferro-Humic Podzol	m-w	5
- fluvial fan, hummocky, level, subdued, terraced	E14	Duric Humo-Ferric Podzol	w-m	Orthic Humo-Ferric Podzol	w	11
	E17	Orthic Humo-Ferric Podzol	w	Duric Humo-Ferric Podzol	w-m	17
- level to extreme slopes						
- 500-700 m ASL						
- mixed bedrock						
- Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Erma Lake Soil Association - EK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam to fine sandy loam capping overlying sand to loamy sand - stone free capping with gravels in underlying deposit - fluvial veneer or blanket overlying fluvial level, terraced - level to very gentle slopes - 0-700 m ASL - mixed lithologies - may be actively channelled - Outer Coastal western hemlock - western red cedar zone: peat moss subzone	EK1 EK2	Gleysolic Gleysolic	p-vp p-vp	Gleyed Humo-Ferric Podzol	1	13

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Fisherman Soil Association - FI

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam - gravelly - morainal blanket, hummocky, ridged, subdued, veneer - very gentle to steep slopes - 500-800 m ASL - dominantly volcanic lithologies but often mixed - unweathered parent material is acid to weakly calcareous - Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone	FI1	Duric Ferro-Humic Podzol - gleyed phase	i-m			
	FI2	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol	m-w	12
	FI3	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleysolic	p-vp	8
	FI4	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleyed Ferro-Humic Podzol	i-m	11
	FI5	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol - gleyed phase - shallow lithic phase	i-m	10
	FI7	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
	FI9	Gleysolic	p-vp	Duric Ferro-Humic Podzol - gleyed phase	i-m	9

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Flat Rock Soil Association - FK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- fibric - stone free - organic veneer over rock - gentle to very steep slopes - 0-700 m ASL - on limestone bedrock - may have mineral layer less than 10 cm thick and less than one half the thickness of the organic layer - Outer Coastal western hemlock - western red cedar zone: peat moss subzone	FK1	Typic Folisol	r-m			

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Gold Harbour Soil Association - GH

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly, occasionally rubbly - morainal blanket, veneer - strong to steep slopes - 700+ m ASL - dominantly intrusive lithologies - unweathered parent material is acid - Subalpine mountain hemlock - Pacific silver fir zone	GH1	Duric Ferro-Humic Podzol - gleyed phase	i-m			
	GH2	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol	m	12
	GH3	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleysolic	p-vp	8
	GH4	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleyed Ferro-Humic Podzol	i-m	11
	GH5	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol - gleyed phase - shallow lithic phase	i-m	10
	GH7	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
	GH9	Gleysolic	p-vp	Duric Ferro-Humic Podzol - gleyed phase	i-m	9

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Grilse Soil Association - Gl

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	Gl 1	Duric Ferro-Humic Podzol	m-w			
- gravelly, occasionally rubbly	Gl 2	Duric Ferro-Humic Podzol	m-w	Duric Humo-Ferric Podzol	w-m	6
- morainal blanket, ridged, subdued, veneer	Gl 3	Duric Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol - gleyed phase	i-m	1
- very gentle to steep slopes	Gl 4	Duric Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol	w	11
- 500-800 m ASL	Gl 5	Duric Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol - lithic phase	m-w	10
- dominantly intrusive lithologies						
- unweathered parent material is acid	Gl 7	Orthic Ferro-Humic Podzol	w	Duric Ferro-Humic Podzol	m-w	17
- Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Gayward Rock Soil Association - GK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly, occasionally rubbly - morainal blanket, ridged, subdued, veneer - very gentle to steep slopes - 0-700 m ASL - dominantly intrusive lithologies - unweathered parent material is acid - Outer Coastal western hemlock - western red cedar zone: peat moss subzone	GK1	Duric Ferro-Humic Podzol - gleyed phase	i-m			
	GK2	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol	m	12
	GK3	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleysolic	p-vp	8
	GK4	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleyed Ferro-Humic Podzol	i-m	11
	GK5	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol - gleyed phase - shallow lithic phase	i-m	10
	GK7	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
	GK9	Gleysolic	p-vp	Duric Ferro-Humic Podzol - gleyed phase	i-m	9

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Goldstream Soil Association - GL

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	GL1	Duric Ferro-Humic Podzol	m-w			
- gravelly, occasionally rubbly	GL2	Duric Ferro-Humic Podzol	m-w	Duric Humo-Ferric Podzol	w-m	6
- morainal blanket, subdued, veneer	GL3	Duric Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol - gleyed phase	i-m	1
- very gentle to steep slopes						
- 0-700 m ASL	GL4	Duric Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol	w	11
- dominantly intrusive lithologies	GL5	Duric Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol - shallow lithic phase	m-w	10
- unweathered parent material is acid						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	GL7	Orthic Ferro-Humic Podzol	w	Duric Ferro-Humic Podzol	m-w	17

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Green Mountain Soil Association - GN

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	GN1	Duric Ferro-Humic Podzol	m-w			
- gravelly, occasionally rubbly	GN2	Duric Ferro-Humic Podzol	m-w	Duric Humo-Ferric Podzol	w-m	6
- morainal blanket, veneer	GN3	Duric Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol - gleyed phase	i-m	1
- strong to steep slopes						
- 700+ m ASL	GN4	Duric Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol	w	11
- dominantly intrusive lithologies	GN5	Duric Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol - shallow lithic phase	m-w	10
- unweathered parent material is acid						
- Subalpine mountain hemlock - Pacific silver fir zone	GN7	Orthic Ferro-Humic Podzol	w	Duric Ferro-Humic Podzol	m-w	17

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Godkin Soil Association - GO

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly, occasionally rubbly	GO1	Duric Ferro-Humic Podzol - gleyed phase				
- morainal blanket, ridged, subdued, veneer	GO2	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol	m-w	12
- very gentle to steep slopes - 0-700 m ASL	GO3	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleysolic	p-vp	8
- dominantly intrusive lithologies - unweathered parent material is acid	GO4	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleyed Ferro-Humic Podzol	i-m	11
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	GO5	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol - gleyed phase - shallow lithic phase	i-m	10
	GO7	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
	GO9	Gleysolic	p-vp	Duric Ferro-Humic Podzol - gleyed phase	i-m	9

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Grierson Soil Association - GR

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly, occasionally rubbly - morainal blanket, subdued, veneer - very gentle to steep slopes - 0-700 m ASL - dominantly intrusive lithologies - unweathered parent material is acid - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	GR1	Duric Humo-Ferric Podzol	m-w			
	GR3	Duric Humo-Ferric Podzol	m-w	Duric Ferro-Humic Podzol	m-w	5
	GR4	Duric Humo-Ferric Podzol	m-w	Orthic Humo-Ferric Podzol	w	11
	GR5	Duric Humo-Ferric Podzol	m-w	Duric Humo-Ferric Podzol - lithic phase	m-w	10

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Granite Soil Association - GT

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly, occasionally rubbly - morainal blanket, subdued, veneer - very gentle to steep slopes - 0-700 m ASL - dominantly intrusive lithologies - unweathered parent material is acid - Inner Coastal western hemlock zone: western hemlock subzone	GT1	Duric Humo-Ferric Podzol	m-w			
	GT3	Duric Humo-Ferric Podzol	m-w	Duric Ferro-Humic Podzol	m-w	5
	GT4	Duric Humo-Ferric Podzol	m-w	Orthic Humo-Ferric Podzol	w	11
	GT5	Duric Humo-Ferric Podzol	m-w	Duric Humo-Ferric Podzol - shallow lithic phase	m-w	10

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Hardy Bay Soil Association - HD

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	HD1	Duric Ferro-Humic Podzol	m-w			
- gravelly	HD2	Duric Ferro-Humic Podzol	m-w	Duric Humo-Ferric Podzol	w-r	6
- fluvial fan, hummocky, level, subdued, steep, terraced	HD3	Duric Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol - gleyed phase	i-m	1
- level to extreme slopes	HD4	Duric Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol	m-w	11
- 0-700 m ASL	HD7	Orthic Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol	m-w	17
- mixed lithologies	HD8	Duric Ferro-Humic Podzol	m-w	Orthic Regosol	w-r	7
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Hemmingsen Soil Association - HG

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam	HG1	Orthic Humo-Ferric Podzol	w-r			
- rubbly	HG3	Orthic Humo-Ferric Podzol	w-r	Orthic Ferro-Humic Podzol	w	5
- colluvial veneer	HG5	Orthic Humo-Ferric Podzol	w-r	Orthic Humo-Ferric Podzol	w-r	2
- strong to very steep slopes				- very to extremely shallow lithic phase		
- 0-600 m ASL						
- massive limestone bedrock	HG6	Orthic Humo-Ferric Podzol	w-r	Orthic Humo-Ferric Podzol,	w-r	3
- karst features common		- very to extremely shallow lithic phase		Typic Folisol		
- Inner Coastal western hemlock zone: western hemlock subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Heather Soil Association - HH

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sand to loamy sand	HH1	Orthic Regosol	r			
- gravelly	HH3	Orthic Regosol	r	Orthic Dystric Brunisol	r	18
- fluvial fan, level, terraced						
- level to gentle slopes or extreme slopes						
- 0-700 m ASL						
- mixed lithologies						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Hepatzi Soil Association - HI

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	HI1	Duric Ferro-Humic Podzol	w-m			
- gravelly	HI2	Duric Ferro-Humic Podzol	w-m	Duric Humo-Ferric Podzol	w-m	6
- fluvial fan, hummocky, level, subdued, terraced	HI3	Duric Ferro-Humic Podzol	w-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	1
- level to extreme slopes	HI4	Duric Ferro-Humic Podzol	w-m	Orthic Ferro-Humic Podzol	w	11
- 500-700 m ASL	HI7	Orthic Ferro-Humic Podzol	w	Duric Ferro-Humic Podzol	w-m	17
- mixed lithologies						
- Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Honeymoon Soil Association - HM

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	HM1	Duric Humo-Ferric Podzol	w-r			
- gravelly	HM3	Duric Humo-Ferric Podzol	w-r	Duric Ferro-Humic Podzol	m-w	5
- fluvial blanket, fan, hummocky, level,	HM4	Duric Humo-Ferric Podzol	w-r	Orthic Humo-Ferric Podzol	w	11
subdued, ridged, steep, terraced	HM7	Orthic Humo-Ferric Podzol	w	Duric Humo-Ferric Podzol	w-m	17
- level to extreme slopes	HM8	Duric Humo-Ferric Podzol	w-r	Regosolic	m	7
- 0-600 m ASL						
- mixed lithologies						
- Inner Coastal western hemlock zone: western hemlock subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Hansen Bay Soil Association - HN

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- fibric - stone free - organic veneer over rock - gentle to very steep slopes - 0-700 m ASL - on limestone bedrock - may have mineral layer less than 10 cm thick and less than one half the thickness of the organic layer - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	HN1	Typic Folisol	r-m			

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Holford Soil Association - HO

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sand to sandy loam	HO1	Duric Humo-Ferric Podzol	w-r			
- gravelly	HO3	Duric Humo-Ferric Podzol	w-r	Duric Ferro-Humic Podzol	w-m	5
- fluvial fan, hummocky, level, subdued,	HO4	Duric Humo-Ferric Podzol	w-r	Orthic Humo-Ferric Podzol	w	11
steep, terraced	HO7	Orthic Humo-Ferric Podzol	w	Duric Humo-Ferric Podzol	w-r	17
- level to extreme slopes	HO8	Duric Humo-Ferric Podzol	w-r	Orthic Regosol	r	7
- 0-700 m ASL						
- mixed lithologies						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Hooper Soil Association - HP

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	HP1	Ortstein Ferro-Humic Podzol	m-w			
- gravelly	HP2	Ortstein Ferro-Humic Podzol	m-w	Ortstein Humo-Ferric Podzol	w-r	6
- fluvial fan, hummocky, level, subdued, ridged, steep, terraced	HP3	Ortstein Ferro-Humic Podzol	m-w	Gleyed Ortstein Ferro-Humic Podzol	i-m	1
- level to extreme slopes	HP4	Ortstein Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol	m-w	11
- 0-700 m ASL	HP7	Orthic Ferro-Humic Podzol	m-w	Orstein Ferro-Humic Podzol	m-w	17
- mixed lithologies	HP8	Orthic Ferro-Humic Podzol	m-w	Regosolic	m	7
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Hesquiat Soil Association - HQ

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam to silt	HQ1	Orthic Humo-Ferric Podzol	w-r			
- rubbly	HQ3	Orthic Humo-Ferric Podzol	w-r	Orthic Ferro-Humic Podzol	w	5
- colluvial veneer	HQ5	Orthic Humo-Ferric Podzol	w-r	Orthic Humo-Ferric Podzol - very to extremely shallow lithic phase	r-w	2
- strong to very steep slopes - 0-700 m ASL - massive limestone bedrock - karst features common - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	HQ6	Orthic Humo-Ferric Podzol - very to extremely shallow lithic phase	r-w	Orthic Humo-Ferric Podzol, Typic Folisol	w-r	3

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Hushamu Soil Association - HS

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt to loamy sand, commonly sandy loam to loam - rubbly, occasionally gravelly - colluvial veneer - moderate to steep slopes - 0-700 m ASL - non-calcareous, sedimentary bedrock, most commonly sandstone but may be siltstone or conglomerate - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	HS1	Orthic Ferro-Humic Podzol	w-m			
	HS2	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	w-r	6
	HS3	Orthic Ferro-Humic Podzol	w-m	Gleyed Ferro-Humic Podzol	i-m	1
	HS5	Orthic Ferro-Humic Podzol	w-m	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	r-m	2
	HS6	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	r-m	Orthic Ferro-Humic Podzol, Typic Folisol	w-m	3

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Huston Soil Association - HU

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- fibric - stone free - organic veneer over bedrock - gentle to very steep slopes - 0-600 m ASL - on limestone bedrock - may have mineral layer less than 10 cm thick and less than one half the thickness of the organic layer - inner Coastal western hemlock zone: western hemlock subzone	HU1	Typic Folisol	r-m			

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Hecate Cove Soil Association - HV

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt to silt loam	HV1	Orthic Ferro-Humic Podzol	w-m			
- rubbly	HV2	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	w-r	6
- colluvial veneer	HV3	Orthic Ferro-Humic Podzol	r-m	Gleyed Ferro-Humic Podzol	i-m	1
- strong to very steep slopes	HV5	Orthic Ferro-Humic Podzol	w-m	Orthic Ferro-Humic Podzol	r-m	2
- 0-700 m ASL				- very to extremely shallow lithic phase		
- massive limestone bedrock						
- karst features common	HV6	Orthic Ferro-Humic Podzol	r-m	Orthic Ferro-Humic Podzol,	w-m	3
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone		- very to extremely shallow lithic phase		Typic Folisol		

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Holdsworth Soil Association - HW

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sand to sandy loam	HW1	Orstein Humo-Ferric Podzol	m-w			
- gravelly	HW3	Orstein Humo-Ferric Podzol	m-w	Orstein Ferro-Humic Podzol	m	5
- fluvial fan, hummocky, level, subdued, steep, terraced	HW4	Orstein Humo-Ferric Podzol	m-w	Orthic Humo-Ferric Podzol	w	11
- level to extreme slopes						
- 0-700 m ASL						
- mixed lithologies						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Iron Lake Soil Association - 1

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- fibric - stone free - organic veneer over rock - gentle to very steep slopes - 500-800 m ASL - on limestone bedrock - may have mineral layer less than one half the thickness of the organic layer - Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone	11	Typic Folisol	r-m			

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Isle Lake Soil Association - IK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	IK1	Gleyed Ferro-Humic Podzol	i-m			
- rubbly	IK2	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m	12
- colluvial veneer	IK3	Gleyed Ferro-Humic Podzol	i-m	Gleysolic	p-vp	8
- strong to very steep slopes	IK5	Gleyed Ferro-Humic Podzol	i-m	Gleyed Ferro-Humic Podzol - very to extremely shallow lithic phase	i-m	2
- 0-700 m ASL - intrusive bedrock						
- Outer Coastal western hemlock - western red cedar zone: peat moss subzone	IK6	Gleyed Ferro-Humic Podzol - very to extremely shallow lithic phase	i-m	Gleyed Ferro-Humic Podzol, Typic Folisol	i-m	3

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Jensen Creek Soil Association - JK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	JK1	Gleyed Ferro-Humic Podzol	i-m			
- gravelly	JK2	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m	12
- fluvial fan, hummocky, level, subdued, ridged, steep, terraced	JK3	Gleyed Ferro-Humic Podzol	i-m	Gleysolic	p-vp	8
- level to extreme slopes	JK4	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
- 0-700 m ASL	JK8	Gleyed Ferro-Humic Podzol	i-m	Orthic Regosol	m	7
- mixed lithologies, often associated with sedimentary lithologies which weather readily						
- Coastal western hemlock - western red cedar zone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Kildonan Soil Association - KI

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to loam	KI1	Orthic Humo-Ferric Podzol	w-m			
- rubbly and commonly blocky	KI3	Orthic Humo-Ferric Podzol	w-m	Orthic Ferro-Humic Podzol	m	5
- colluvial apron, blanket, fan	KI8	Orthic Humo-Ferric Podzol	w-m	Orthic Regosol	m	7
- moderate to steep slopes						
- 500-800 m ASL						
- mixed acidic bedrock						
- inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Kennedy Lake Soil Association - KL

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt to clay	KL1	Orthic Humo-Ferric Podzol	m-w			
- stone free	KL2	Orthic Humo-Ferric Podzol	m-w	Dystric Brunisol	m-w	6
- marine blanket, level, subdued	KL3	Orthic Humo-Ferric Podzol	m-w	Orthic Ferro-Humic Podzol	m	5
- level to very gentle slopes						
- 0-100 m ASL						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Kootowis Soil Association - KO

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt to clay - stone free - marine blanket, level, subdued - level to very gentle slopes - 0-100 m ASL - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	KO1	Gleyed Humo-Ferric Podzol	i-m			
	KO2	Gleyed Humo-Ferric Podzol	i-m	Gleyed Dystric Brunisol, Gleyed Eluviated Dystric Brunisol	i-m	6
	KO3	Gleyed Humo-Ferric Podzol	i-m	Gleyed Ferro-Humic Podzol	i-m	5

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Kaipit Soil Association - KP

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam to fine sandy loam capping overlying sand to loamy sand - stone free capping with gravels in underlying deposit - fluvial veneer or blanket overlying fluvial level, terraced - level to very gentle slopes - 0-600 m ASL - mixed lithologies - may be actively channelled - Inner Coastal western hemlock zone: western hemlock subzone	KP1	Orthic Dystric Brunisol	m-w			
	KP2	Orthic Dystric Brunisol	m-w	Regosolic	m	7
	KP3	Orthic Dystric Brunisol	m-w	Orthic Humo-Ferric Podzol	w	22

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Leighton Mountain Soil Association - LH

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt to silt loam	LH1	Orthic Ferro-Humic Podzol	w-m			
- rubbly	LH2	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	w-r	6
- colluvial veneer	LH3	Orthic Ferro-Humic Podzol	w-m	Gleyed Ferro-Humic Podzol	i-m	1
- strong to very steep slopes	LH5	Orthic Ferro-Humic Podzol	w-m	Orthic Ferro-Humic Podzol	r-m	2
- 700+ m ASL				- very to extremely shallow lithic phase		
- massive limestone bedrock						
- karst features common	LH6	Orthic Ferro-Humic Podzol	r-m	Orthic Ferro-Humic Podzol,	r-m	3
- Subalpine mountain hemlock - Pacific silver fir zone		- very to extremely shallow lithic phase		Typic Folisol		

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Lemmens Inlet Soil Association - LI

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam	LI1	Orthic Humo-Ferric Podzol	w-r			
- rubbly	LI3	Orthic Humo-Ferric Podzol	w-r	Orthic Ferro-Humic Podzol	w	5
- colluvial veneer	LI5	Orthic Humo-Ferric Podzol	w-r	Orthic Humo-Ferric Podzol	r-w	2
- strong to very steep slopes				- very to extremely shallow lithic phase		
- 500-800 m ASL						
- massive limestone bedrock	LI6	Orthic Humo-Ferric Podzol	r-w	Orthic Ferro-Humic Podzol,	w-r	3
- karst features common		- very to extremely shallow lithic phase		Typic Folisol		
- Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Laura Creek Soil Association - LK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt to silt loam	LK1	Gleyed Ferro-Humic Podzol	i-m			
- rubbly	LK2	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m	12
- colluvial veneer	LK5	Gleyed Ferro-Humic Podzol	i-m	Gleyed Ferro-Humic Podzol	i-m	2
- strong to very steep slopes				- very to extremely shallow lithic phase		
- 0-700 m ASL						
- limestone bedrock	LK6	Gleyed Ferro-Humic Podzol	i-m	Gleyed Ferro-Humic Podzol,	i-w	3
- karst features common		- very to extremely shallow lithic phase		Typic Folisol		
- Outer Coastal western hemlock - western red cedar zone: peat moss subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Moyeha Soil Association - MI

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loamy sand	MI1	Duric Humo-Ferric Podzol	m-w			
- gravelly, occasionally rubbly	MI3	Duric Humo-Ferric Podzol	m-w	Duric Ferro-Humic Podzol	m-w	5
- morainal blanket, ridged, subdued, veneer	MI4	Duric Humo-Ferric Podzol	m-w	Orthic Humo-Ferric Podzol	w	11
- very gentle to steep slopes	MI5	Duric Humo-Ferric Podzol	m-w	Duric Humo-Ferric Podzol - lithic phase	m-w	2
- 500-800 m ASL	MI7	Orthic Humo-Ferric Podzol	w	Duric Humo-Ferric Podzol	m-w	17
- mixed lithologies						
- inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Minx Rock Soil Association - MK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loam to loamy sand	MK1	Orthic Ferro-Humic Podzol	m-w			
- rubbly, occasionally blocky	MK3	Orthic Ferro-Humic Podzol	m-w	Gleyed Ferro-Humic Podzol	i-m	1
- colluvial apron, blanket, fan	MK8	Orthic Ferro-Humic Podzol	m-w	Orthic Regosol	m	7
- moderate to steep slopes						
- 0-700 m ASL						
- mixed lithologies						
- Outer Coastal western hemlock - western red cedar zone: peat moss subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Nitinat Soil Association - NI

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loamy sand	NI1	Orthic Humo-Ferric Podzol	w			
- rubbly	NI3	Orthic Humo-Ferric Podzol	w	Orthic Ferro-Humic Podzol	m-w	5
- colluvial veneer	NI5	Orthic Humo-Ferric Podzol	w	Orthic Humo-Ferric Podzol	w	2
- strong to very steep slopes				- very to extremely shallow lithic phase		
- 500-800 m ASL						
- mixed bedrock	NI6	Orthic Humo-Ferric Podzol	w	Orthic Humo-Ferric Podzol,	w	3
- inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone		- very to extremely shallow lithic phase		Typic Folisol		

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Nahshutti Lake Soil Association - NK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt to loamy sand, commonly sandy loam to loam	NK1	Gleyed Ferro-Humic Podzol	i-m			
- rubbly	NK2	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m	12
- colluvial veneer	NK5	Gleyed Ferro-Humic Podzol	i-m	Gleyed Ferro-Humic Podzol - very to extremely shallow lithic phase	i-m	2
- moderate to steep slopes						
- 0-700 m ASL	NK6	Gleyed Ferro-Humic Podzol - very to extremely shallow lithic phase	i-m	Gleyed Ferro-Humic Podzol, Typic Folisol	i-m	3
- non-calcareous sedimentary bedrock most commonly sandstone but may be siltstone or conglomerate						
- Outer Coastal western hemlock - western red cedar zone: peat moss subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Oktwanch Soil Association - OH

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly - fluvial fan, hummocky, level, ridged, subdued, steep, terraced - level to extreme slopes - 700+ m ASL - mixed lithologies - Subalpine mountain hemlock - Pacific silver fir zone	OH1	Duric Ferro-Humic Podzol - gleyed phase	i-m			
	OH2	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol	m	12
	OH3	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleysolic		8
	OH4	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleyed Ferro-Humic Podzol	i-m	11
	OH7	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Onetree Islet Soil Association - 01

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly	011	Duric Ferro-Humic Podzol - gleyed phase	i-m			
- fluvial fan, hummocky, level, subdued, steep, terraced	012	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol	m-w	12
- level to extreme slopes	013	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleysolic	p-vp	8
- 500-800 m ASL - mixed lithologies	014	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleyed Ferro-Humic Podzol	i-m	11
- Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone	017	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
	019	Gleysolic	p-vp	Duric Ferro-Humic Podzol - gleyed phase	i-m	9

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Ououkinsh Soil Association - OK -

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly - fluvial fan, hummocky, level, ridged, subdued, steep, terraced - level to extreme slopes - 0-700 m ASL - mixed lithologies - Outer Coastal western hemlock - western red cedar zone: peat moss subzone	OK1	Gleyed Ortstein Ferro-Humic Podzol	i-m			
	OK2	Gleyed Ortstein Ferro-Humic Podzol	i-m	Ortstein Ferro-Humic Podzol	m	12
	OK3	Gleyed Ortstein Ferro-Humic Podzol	i-m	Gleysolic	p-vp	8
	OK4	Gleyed Ortstein Ferro-Humic Podzol	i-m	Gleyed Ferro-Humic Podzol	i-m	11
	OK9	Gleysolic	p-vp	Gleyed Ortstein Ferro-Humic Podzol	i-m	9

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Oman Hill Soil Association - OM

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly - fluvial fan, hummocky, level, ridged, subdued, steep, terraced - level to extreme slopes - 700+ m ASL - mixed lithologies - Subalpine mountain hemlock - Pacific silver fir zone	OM1 OM2	Gleysolic Gleysolic	p-vp p-vp	Duric Ferro-Humic Podzol - gleyed phase	i-m	13

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Orchard Point Soil Association - OP

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	OP1	Orthic Ferro-Humic Podzol	m-w			
- gravelly	OP2	Orthic Ferro-Humic Podzol	m-w	Orthic Humo-Ferric Podzol	w	6
- fluvial fan, hummocky, level, subdued, ridged, steep, terraced	OP3	Orthic Ferro-Humic Podzol	m-w	Gleyed Ferro-Humic Podzol	i-m	1
- level to extreme slopes	OP4	Orthic Ferro-Humic Podzol	m-w	Ortstein Ferro-Humic Podzol	m-w	14
- 0-700 m ASL	OP8	Orthic Ferro-Humic Podzol	m-w	Orthic Regosol	m-r	7
- mixed lithologies, very often associated with sedimentary lithologies which weather readily	OP9	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m-w	4
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Parson's Bay Soil Association - PB

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam to loam	PB1	Orthic Ferro-Humic Podzol	m-w			
- rubbly	PB2	Orthic Ferro-Humic Podzol	m-w	Orthic Humo-Ferric Podzol	w-r	6
- colluvial veneer	PB3	Orthic Ferro-Humic Podzol	m-w	Gleyed Ferro-Humic Podzol	i-m	1
- gentle to steep slopes	PB5	Orthic Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol	m-r	2
- 0-700 m ASL				- very to extremely shallow lithic phase		
- calcareous sedimentary bedrock, massive limestone beds may exist	PB9	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m-w	4
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Plumper Harbour Soil Association - PH

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt to loamy sand, commonly sandy loam to loam	PH1	Orthic Ferro-Humic Podzol	m-w			
	PH2	Orthic Ferro-Humic Podzol	m-w	Orthic Humo-Ferric Podzol	w-m	6
- rubbly	PH3	Orthic Ferro-Humic Podzol	m-w	Gleyed Ferro-Humic Podzol	i-m	1
- colluvial veneer	PH5	Orthic Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol	m-w	2
- moderate to steep slopes				- very to extremely shallow lithic phase		
- 700+ m ASL						
- non-calcareous sedimentary bedrock, most commonly sandstone, but may be siltstone or conglomerate	PH9	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m-w	4
- Subalpine mountain hemlock - Pacific silver fir zone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Pugh Creek Soil Association - PK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam to loam	PK1	Orthic Ferro-Humic Podzol	m-w			
- rubbly, may have few or no coarse fragments near surface	PK3	Orthic Ferro-Humic Podzol	m-w	Gleyed Ferro- Humic Podzol	i-m	1
	PK8	Orthic Ferro-Humic Podzol	m-w	Orthic Regosol	m	7
- colluvial apron, blanket, fan	PK9	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m-w	4
- gentle to steep slopes						
- 0-700 m ASL						
- calcareous sedimentary bedrock						
- deposit is often deeply weathered in situ bedrock						
- Outer Coastal western hemlock - western red cedar zone: peat moss subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Port McNeill Soil Association - PM -

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam to loam	PM1	Orthic Ferro-Humic Podzol	w-m			
- rubbly, may have only few or no coarse fragments near surface	PM2	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	r-w	6
- colluvial apron, blanket, fan	PM3	Orthic Ferro-Humic Podzol	w-m	Gleyed Ferro-Humic Podzol	i-m	1
- gentle to steep slopes	PM8	Orthic Ferro-Humic Podzol	w-m	Orthic Regosol	w-m	7
- 0-700 m ASL						
- calcareous sedimentary bedrock						
- deposit is often deeply weathered in situ bedrock						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Pinch Creek Soil Association - PN

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam to loam	PN1	Orthic Ferro-Humic Podzol	m-w			
- rubbly	PN2	Orthic Ferro-Humic Podzol	m-w	Orthic Humo-Ferric Podzol	w	6
- colluvial veneer	PN3	Orthic Ferro-Humic Podzol	m-w	Gleyed Ferro-Humic Podzol	i-m	1
- gentle to steep slopes	PN5	Orthic Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol	m-r	2
- 500-800 m ASL				- very to extremely shallow lithic phase		
- calcareous sedimentary bedrock, massive limestone beds may exist	PN8	Orthic Ferro-Humic Podzol	m-w	Orthic Regosol	w-r	7
- Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone	PN9	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m-w	4

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Quibble Soil Association - Qi

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	Qi1	Duric Ferro-Humic Podzol	m-w			
- gravelly	Qi2	Duric Ferro-Humic Podzol	m-w	Duric Humo-Ferric Podzol	m-w	6
- morainal blanket, hummocky, ridged, subdued, veneer	Qi3	Duric Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol - gleyed phase	i-m	1
- very gentle to steep slopes	Qi4	Duric Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol	m-w	11
- 500-800 m ASL	Qi5	Duric Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol - lithic phase	m-w	2
- dominantly volcanic lithologies, but often mixed	Qi7	Orthic Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol	m-w	17
- unweathered parent material is acid to weakly calcareous						
- Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Quimper Soil Association - QP

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	QP1	Duric Humo-Ferric Podzol	w-m			
- gravelly	QP3	Duric Humo-Ferric Podzol	w-m	Duric Ferro-Humic Podzol	i-m	5
- morainal blanket, subdued, veneer	QP4	Duric Humo-Ferric Podzol	w-m	Orthic Humo-Ferric Podzol	w	11
- gentle to steep slopes	QP5	Duric Humo-Ferric Podzol	w-m	Duric Humo-Ferric Podzol - lithic phase	w-m	2
- 0-600 m ASL						
- dominantly volcanic lithologies but often mixed	QP7	Orthic Humo-Ferric Podzol	w	Duric Humo-Ferric Podzol	w-m	17
- unweathered parent material is acid to weakly calcareous						
- inner Coastal western hemlock zone: western hemlock subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Quatsino Soil Association - QS

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	QS1	Duric Humo-Ferric Podzol	m-w			
- gravelly	QS3	Duric Humo-Ferric Podzol	m-w	Duric Ferro-Humic Podzol	m-w	5
- morainal blanket, hummocky, ridged, subdued, veneer	QS4	Duric Humo-Ferric Podzol	m-w	Orthic Humo-Ferric Podzol	w	11
- very gentle to steep slopes	QS5	Duric Humo-Ferric Podzol	m-w	Duric Humo-Ferric Podzol - lithic phase	m-w	2
- 0-700 m ASL	QS7	Orthic Humo-Ferric Podzol	w	Duric Humo-Ferric Podzol	m-w	17
- dominantly volcanic lithologies, but often mixed						
- unweathered parent material is acid to weakly calcareous						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Quatse Soil Association - QU

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam - gravelly - morainal blanket, hummocky, ridged, subdued, veneer - very gentle to steep slopes - 0-700 m ASL - dominantly volcanic lithologies but often mixed - unweathered parent material is acid to weakly calcareous - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	QU1	Duric Ferro-Humic Podzol - gleyed phase	i-m			
	QU2	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol	m-w	12
	QU3	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleysolic	p-vp	8
	QU4	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleyed Ferro-Humic Podzol	i-m	11
	QU5	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol - gleyed phase - shallow lithic phase	i-m	10
	QU7	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
	QU9	Gleysolic	p-vp	Duric Ferro-Humic Podzol - gleyed phase	i-m	9

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Ronning Soil Association - RG

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loam to sandy loam - gravelly - morainal blanket, veneer - gentle to steep slopes - 0-700 m ASL - dominantly volcanic lithologies commonly with abundant iron pyrites - unweathered parent material is acid - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	RG1	Gleyed Ortstein Ferro-Humic Podzol	i-m			
	RG2	Gleyed Ortstein Ferro-Humic Podzol	i-m	Orstein Ferro-Humic Podzol	m	12
	RG3	Gleyed Ortstein Ferro-Humic Podzol	i-m	Gleysolic	p-vp	8
	RG4	Gleyed Ortstein Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	19
	RG5	Gleyed Ortstein Ferro-Humic Podzol	i-m	Gleyed Ortstein Ferro-Humic Podzol - shallow lithic phase	i-m	10
	RG7	Duric Ferro-Humic Podzol	w-m	Gleyed Orstein Ferro-Humic Podzol	i-m	20
	RG9	Gleysolic	p-vp	Gleyed Ortstein Ferro-Humic Podzol	i-m	9

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Ritherton Soil Association - RH

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	RH1	Orthic Ferro-Humic Podzol	m-w			
- rubbly	RH2	Orthic Ferro-Humic Podzol	m-w	Orthic Humo-Ferric Podzol	m-w	6
- colluvial veneer	RH3	Orthic Ferro-Humic Podzol	m-w	Gleyed Ferro-Humic Podzol	i-m	1
- strong to very steep slopes	RH5	Orthic Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	m-r	2
- 700+ m ASL						
- volcanic bedrock						
- Subalpine mountain hemlock - Pacific silver fir zone	RH6	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	m-r	Orthic Ferro-Humic Podzol, Typic Folisol	m-w	3
	RH9	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m-w	4

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Rainier Soil Association - RI

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	RI1	Orthic Ferro-Humic Podzol	w-m			
- rubbly	RI2	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	w-m	6
- colluvial veneer	RI3	Orthic Ferro-Humic Podzol	w-m	Gleyed Ferro-Humic Podzol	i-m	1
- strong to very steep slopes	RI5	Orthic Ferro-Humic Podzol	w-m	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	r-m	2
- 500-800 m ASL - volcanic bedrock - Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone	RI6	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	r-m	Orthic Ferro-Humic Podzol, Typic Folisol	w-m	3
	RI9	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	w-m	4

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Rannell Creek Soil Association - RK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam - gravelly - morainal blanket, ridged, subdued, veneer - very gentle to steep slopes - 0-700 m ASL - dominantly volcanic lithologies but often mixed - unweathered parent material is acid to weakly calcareous - Outer Coastal western hemlock - western red cedar zone: peat moss subzone	RK1	Duric Ferro-Humic Podzol - gleyed phase	i-m			
	RK2	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol	m	12
	RK3	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleysolic	p-vp	8
	RK4	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleyed Ferro-Humic Podzol	i-m	11
	RK5	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol - gleyed phase - shallow lithic phase	i-m	10
	RK7	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
	RK9	Gleysolic	p-vp	Duric Ferro-Humic Podzol - gleyed phase	i-m	9

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Reeses Soil Association - RS

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	RS1	Orthic Ferro-Humic Podzol	w-m			
- rubbly	RS2	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	w-r	6
- colluvial veneer	RS3	Orthic Ferro-Humic Podzol	w-m	Gleyed Ferro-Humic Podzol	i-m	1
- strong to very steep slopes	RS5	Orthic Ferro-Humic Podzol	w-m	Orthic Ferro-Humic Podzol	r-m	2
- 0-700 m ASL				- very to extremely shallow		
- volcanic bedrock				lithic phase		
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	RS6	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	r-m	Orthic Ferro-Humic Podzol, Typic Folisol	w-m	3
	RS9	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	w-m	4

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Rossiter Soil Association - RT

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	RT1	Orthic Humo-Ferric Podzol	w-m			
- rubbly	RT3	Orthic Humo-Ferric Podzol	w-m	Orthic Ferro-Humic Podzol	m-w	5
- colluvial veneer	RT5	Orthic Humo-Ferric Podzol	w-m	Orthic Ferro-Humic Podzol	w-m	2
- strong to very steep slopes				- very to extremely shallow lithic phase		
- 0-600 m ASL						
- volcanic bedrock	RT6	Orthic Humo-Ferric Podzol	w-m	Orthic Ferro-Humic Podzol, Typic Folisol	w-r	3
- Inner Coastal western hemlock zone: western hemlock subzone		- very to extremely shallow lithic phase				

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Rutley Soil Association - RY

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	RY1	Orthic Humo-Ferric Podzol	w-r			
- rubbly	RY3	Orthic Humo-Ferric Podzol	w-r	Orthic Ferro-Humic Podzol	m-r	5
- colluvial veneer	RY5	Orthic Humo-Ferric Podzol	w-r	Orthic Humo-Ferric Podzol	w-r	2
- strong to very steep slopes				- very to extremely shallow lithic phase		
- 0-700 m ASL						
- volcanic bedrock	RY6	Orthic Humo-Ferric Podzol	w-r	Orthic Humo-Ferric Podzol,	w-r	3
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone		- very to extremely shallow lithic phase		Typic Folisol		

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Shelbert Soil Association - SB

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	SB1	Orthic Humo-Ferric Podzol	w			
- rubbly	SB3	Orthic Humo-Ferric Podzol	w	Orthic Ferro-Humic Podzol	w-m	5
- colluvial veneer	SB5	Orthic Humo-Ferric Podzol	w	Orthic Humo-Ferric Podzol	w-r	2
- strong to very steep slopes				- very to extremely shallow lithic phase		
- 0-700 m ASL						
- intrusive bedrock	SB6	Orthic Humo-Ferric Podzol	w-r	Orthic Humo-Ferric Podzol,	w-r	3
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone		- very to extremely shallow lithic phase		Typic Folisol		

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Sandhill Soil Association - SD

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly	SD1	Gleyed Ortstein Ferro-Humic Podzol	i-m			
- fluvial fan, hummocky, level, subdued, ridged, terraced	SD2	Gleyed Ortstein Ferro-Humic Podzol	i-m	Ortstein Ferro-Humic Podzol	m-w	12
- level to very strong slopes	SD3	Gleyed Ortstein Ferro-Humic Podzol	i-m	Gleysolic	p-vp	8
- 0-700 m ASL - mixed lithologies	SD4	Gleyed Ortstein Ferro-Humic Podzol	i-m	Gleyed Ferro-Humic Podzol	i-m	11
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Smokehouse Soil Association - SH

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	SH1	Orthic Ferro-Humic Podzol	m-w			
- rubbly	SH2	Orthic Ferro-Humic Podzol	m-w	Orthic Humo-Ferric Podzol	w-m	6
- colluvial veneer	SH3	Orthic Ferro-Humic Podzol	m-w	Gleyed Ferro-Humic Podzol	i-m	1
- strong to very steep slopes	SH5	Orthic Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol	m-w	2
- 700+ m ASL				- very to extremely shallow lithic phase		
- intrusive bedrock						
- Subalpine mountain hemlock - Pacific silver fir zone	SH6	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	m-w	Orthic Ferro-Humic Podzol, Typic Folisol	m-w	3
	SH9	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m-w	4

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Shirmish Soil Association - SI

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	SI1	Orthic Ferro-Humic Podzol	w-m			
- rubbly	SI2	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	w-m	6
- colluvial veneer	SI3	Orthic Ferro-Humic Podzol	w-m	Gleyed Ferro-Humic Podzol	i-m	1
- strong to very steep slopes	SI5	Orthic Ferro-Humic Podzol	w-m	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	r-m	2
- 500-800 m ASL						
- intrusive bedrock						
- Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone	SI6	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	r-m	Orthic Ferro-Humic Podzol, Typic Folisol	w-m	3
	SI9	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	w-m	4

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Strandby Main Soil Association - SM

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly	SM1	Duric Ferro-Humic Podzol - gleyed phase	i-m			
- fluvial fan, hummocky, level, subdued, steep, terraced	SM2	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol	m	12
- level to extreme slopes	SM3	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleysolic		
- 0-700 m ASL - mixed lithologies	SM4	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleyed Ferro-Humic Podzol	i-m	11
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	SM7	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
	SM8	Duric Ferro-Humic Podzol - gleyed phase	i-m	Regosolic	m	7

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Snowsaddle Soil Association - SN

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam - gravelly - morainal blanket, subdued, veneer - very gentle to steep slopes - 700+ m ASL - dominantly volcanic lithologies but often mixed - unweathered parent materials is acid to weakly calcareous - Subalpine mountain hemlock - Pacific silver fir zone	SN1	Duric Ferro-Humic Podzol - gleyed phase	i-m			
	SN2	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol	m	12
	SN3	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleysolic	p-vp	8
	SN4	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleyed Ferro-Humic Podzol	i-m	11
	SN5	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol - gleyed phase - shallow lithic phase	i-mw	10
	SN7	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
	SN9	Gleysolic	p-vp	Duric Ferro-Humic Podzol - gleyed phase	i-m	9

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Shofield Soil Association - SO

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	SO1	Duric Ferro-Humic Podzol	m-w			
- gravelly	SO2	Duric Ferro-Humic Podzol	m-w	Duric Humo-Ferric Podzol	m-w	6
- morainal blanket, subdued, veneer	SO3	Duric Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol	i-m	1
- very gentle to steep slopes				- gleyed phase		
- 700+ m ASL	SO4	Duric Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol	w	11
- dominantly volcanic lithologies, but often mixed	SO5	Duric Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol - shallow lithic phase	m-w	2
- unweathered parent material is acid to weakly calcareous	SO7	Orthic Ferro-Humic Podzol	w	Duric Ferro-Humic Podzol	m-w	17
- Subalpine mountain hemlock - Pacific silver fir zone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Sarita Soil Association - SR

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	SR1	Duric Ferro-Humic Podzol	m-w			
- gravelly	SR2	Duric Ferro-Humic Podzol	m-w	Duric Humo-Ferric Podzol	w	6
- morainal blanket, hummocky, ridged, subdued, veneer	SR3	Duric Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol - gleyed phase	i-m	1
- very gentle to steep slopes	SR4	Duric Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol	m-w	11
- 0-700 m ASL	SR5	Duric Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol - shallow lithic phase	m-w	2
- dominantly volcanic lithologies but often mixed	SR7	Orthic Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol	m-w	17
- unweathered parent material is acid to weakly calcareous						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Sprise Soil Association - SS

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	SS1	Orthic Ferro-Humic Podzol	w-m			
- rubbly	SS2	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	w-m	6
- colluvial veneer	SS3	Orthic Ferro-Humic Podzol	w-m	Gleyed Ferro-Humic Podzol	i-m	1
- strong to very steep slopes	SS5	Orthic Ferro-Humic Podzol	w-m	Orthic Ferro-Humic Podzol	r-m	2
- 0-700 m ASL				- very to extremely shallow		
- intrusive bedrock				lithic phase		
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	SS6	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	r-m	Orthic Ferro-Humic Podzol, Typic Folisol	w-m	3
	SS9	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	w-m	4

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Strata Soil Association - ST

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam	ST1	Orthic Humo-Ferric Podzol	w-m			
- rubbly	ST3	Orthic Humo-Ferric Podzol	w-m	Orthic Ferro-Humic Podzol	m-w	5
- colluvial veneer	ST5	Orthic Humo-Ferric Podzol	w-m	Orthic Humo-Ferric Podzol	w-m	2
- strong to very steep slopes				- very to extremely shallow lithic phase		
- 0-600 m ASL						
- intrusive bedrock	ST6	Orthic Humo-Ferric Podzol	w-m	Orthic Humo-Ferric Podzol,	w-r	3
- Inner Coastal western hemlock zone: western hemlock subzone		- very to extremely shallow lithic phase		Typic Folisol		

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Sugsaw Soil Association - SW

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly - fluvial fan, hummocky, level, subdued, ridged, terraced - level to very strong slopes - 0-700 m ASL - mixed lithologies - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	SW1 SW2	Gleysolic Gleysolic	p-vp p-vp	Gleyed Ortstein Ferro-Humic Podzol	i-m	13

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Tahsish Soil-Association - TI

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loam to silty clay loam	TI1	Orthic Ferro-Humic Podzol	m-w			
- gravelly	TI2	Orthic Ferro-Humic Podzol	m-w	Orthic Humo-Ferric Podzol	w-m	6
- morainal blanket, ridged, subdued, veneer	TI3	Orthic Ferro-Humic Podzol	m-w	Gleyed Ferro-Humic Podzol	i-m	1
	TI4	Orthic Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol	m-w	17
- very gentle to steep slopes	TI5	Orthic Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol - shallow lithic phase	m-w	10
- 500-800 m ASL						
- mixed lithologies with high proportion of calcareous lithologies						
- deeply weathered						
- Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Thompson Rock Soil Association - TK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loam to silty clay loam	TK1	Gleyed Ferro-Humic Podzol	i-m			
- gravelly	TK2	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m	12
- morainal blanket, ridged, subdued, veneer	TK3	Gleyed Ferro-Humic Podzol	i-m	Gleysolic	p-vp	8
- gentle to steep slopes	TK4	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
- 0-700 m ASL	TK5	Gleyed Ferro-Humic Podzol	i-m	Gleyed Ferro-Humic Podzol - shallow lithic phase	i-m	10
- mixed lithologies with high proportion of calcareous lithologies	TK9	Gleysolic	p-vp	Gleyed Cerro-Humic Podzol	i-m	9
- deeply weathered						
- Outer Coastal western hemlock - western red cedar zone: peat moss subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Tofino Soil Association - TO

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt to clay - stone free - marine blanket, level, subdued - level to very gentle slopes - 0-100 m ASL - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone	TO1	Gleysolic	p-vp			
	TO2	Gleysolic	p-vp	Gleyed Humo-Ferric Podzol	i-m	13

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Ursie Creek Soil Association - UK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loamy sand to sandy loam - gravelly - fluvial fan, hummocky, level, subdued, ridged, steep, terrace - level to extreme slopes - 0-700 m ASL - mixed lithologies, often associated with sedimentary lithologies which weather readily - Outer Coastal western hemlock - western red cedar zone: peat moss subzone	UK1	Duric Ferro-Humic Podzol - gleyed phase	i-m			
	UK2	Duric Ferro-Humic Podzol - gleyed phase	i-m	Duric Ferro-Humic Podzol	m	12
	UK3	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleysolic	p-vp	8
	UK4	Duric Ferro-Humic Podzol - gleyed phase	i-m	Gleyed Ferro-Humic Podzol	i-m	11

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Vargas Soil-Association - V

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sand to sandy loam	V1	Placic Ferro-Humic Podzol	r-m			
- generally stone free, occasional gravels	V2	Placic Ferro-Humic Podzol	r-m	Placic Humo-Ferric Podzol	r-m	6
- eolian hummocky, subdued, ridged, veneer or marine level, ridged	V3	Placic Ferro-Humic Podzol	r-m	Placic Ferro-Humic Podzol - gleyed phase	i-m	1
- nearly level to very strong slopes	V4	Placic Ferro-Humic Podzol	r-m	Orthic Ferro-Humic Podzol	r-w	11
- found only at sea level	V7	Orthic Ferro-Humic Podzol	r-w	Placic Ferro-Humic Podzol	r-m	17
- mixed lithologies	V8	Placic Ferro-Humic Podzol	r-m	Orthic Regosol	r-w	7
- associated with wind exposed unconsolidated beaches	V10	Orthic Regosol	r-w	Placic Ferro-Humic Podzol	r-m	21
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone; and Outer Coastal western hemlock - western red cedar zone: peat moss subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Varney Bay Soil Association - VB

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sand to sandy loam, often with a capping of loam to fine sandy loam - gravelly - fluvial fan, level - level to very gentle slopes - found only at sea level - mixed lithologies - frequently washed by sea water - usually actively channelled - Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone; and Outer Coastal western hemlock - western red cedar zone: peat moss subzone	VB1	Gleysolic	p-vp			

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Vernon Hill Soil Association - VH

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt loam	VH1	Orthic Ferro-Humic Podzol	m-w			
- rubbly	VH2	Orthic Ferro-Humic Podzol	m-w	Orthic Humo-Ferric Podzol	w-m	6
- colluvial veneer	VH3	Orthic Ferro-Humic Podzol	m-w	Gleyed Ferro-Humic Podzol	i-m	1
- gentle to steep slopes	VH5	Orthic Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	m-w	2
- 700+ m ASL - calcareous sedimentary bedrock, massive limestone beds may exist	VH6	Orthic Ferro-Humic Podzol -very to extremely shallow lithic phase	w-m	Orthic Ferro-Humic Podzol, Typic Folisol	w-r	3
- Subalpine mountain hemlock - Pacific silver fir zone	VH9	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m-w	4

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Victoria Lake Soil Association - VI

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- silt to loamy sand, commonly sandy loam to loam	VI1	Orthic Ferro-Humic Podzol	w-m			
	VI2	Orthic Ferro-Humic Podzol	w-m	Orthic Humo-Ferric Podzol	w-m	6
- rubbly, occasionally gravelly	VI3	Orthic Ferro-Humic Podzol	w-m	Gleyed Ferro-Humic Podzol	i-m	1
- colluvial veneer - moderate to steep slopes - 500-800 m ASL	VI5	Orthic Ferro-Humic Podzol	w-m	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	r-m	2
- non-calcareous sedimentary bedrock, most commonly sandstone but may be siltstone or conglomerate	VI6	Orthic Ferro-Humic Podzol - very to extremely shallow lithic phase	r-m	Orthic Ferro-Humic Podzol, Typic Folisol	r-m	3
- Inner and Outer Coastal western hemlock - Pacific silver fir zone: yellow cedar subzone	VI9	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	w-m	4

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Village Lake Soil Association - VK

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- sandy loam to loam	VK1	Gleyed Ferro-Humic Podzol	i-m			
- rubbly	VK2	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m	12
- colluvial veneer	VK3	Gleyed Ferro-Humic Podzol	i-m	Gleysolic	p-vp	8
- strong to very steep slopes - 0-700 m ASL - volcanic bedrock	VK5	Gleyed Ferro-Humic Podzol	i-m	Gleyed Ferro-Humic Podzol - very to extremely shallow lithic phase	i-m	2
- Outer Coastal western hemlock - western red cedar zone: peat moss subzone	VK6	Gleyed Ferro-Humic Podzol - very to extremely shallow lithic phase	i-m	Gleyed Ferro-Humic Podzol, Typic Folisol	i-m	3

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Whiltilla Soil Association - WH

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loam to silty clay loam	WH1	Orthic Ferro-Humic Podzol	m-w			
- gravelly	WH2	Orthic Ferro-Humic Podzol	m-w	Orthic Humo-Ferric Podzol	w-m	6
- morainal blanket, ridged, subdued, veneer	WH3	Orthic Ferro-Humic Podzol	m-w	Gleyed Ferro-Humic Podzol	i-m	1
	WH4	Orthic Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol	m-w	17
- gentle to steep slopes	WH5	Orthic Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol - shallow lithic phase	m-r	2
- 700+ m ASL						
- mixed lithologies, with high proportion of calcareous sedimentary rock						
- deeply weathered						
- Subalpine mountain hemlock - Pacific silver fir zone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Widow Mountain Soil Association - WI

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loam to silty clay loam	WI1	Gleyed Ferro-Humic Podzol	i-m			
- gravelly	WI2	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m	12
- morainal blanket, subdued, ridged,	WI3	Gleyed Ferro-Humic Podzol	i-m	Gleysolic	p-vp	8
veneer	WI4	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol	i-m	17
- very gentle to steep slopes				- gleyed phase		
- 500-800 m ASL	WI5	Gleyed Ferro-Humic Podzol	i-m	Gleyed Ferro-Humic Podzol	i-m	10
- mixed lithologies with high proportion				- shallow lithic phase		
of calcareous lithologies	WI9	Gleysolic	p-vp	Gleyed Ferro-Humic Podzol	i-m	9
- deeply weathered						
- Inner and Outer Coastal western						
hemlock - Pacific silver fir zone:						
yellow cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

William Lake Soil Association - WL

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loam to silty clay loam	WL1	Orthic Ferro-Humic Podzol	m-w			
- gravelly	WL2	Orthic Ferro-Humic Podzol	m-w	Orthic Humo-Ferric Podzol	w	6
- morainal blanket, subdued, ridged, veneer	WL3	Orthic Ferro-Humic Podzol	m-w	Gleyed Ferro-Humic Podzol	i-m	1
- very gentle to steep slopes	WL4	Orthic Ferro-Humic Podzol	m-w	Duric Ferro-Humic Podzol	m-w	17
- 0-700 m ASL	WL5	Orthic Ferro-Humic Podzol	m-w	Orthic Ferro-Humic Podzol - shallow lithic phase	m-w	10
- mixed lithologies with high proportion of calcareous lithologies						
- deeply weathered						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Woss Mountain Soil Association - WM

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loam to silty clay loam	WM1	Gleyed Ferro-Humic Podzol	i-m			
- gravelly	WM2	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m	12
- morainal blanket, ridged, subdued, veneer	WM3	Gleyed Ferro-Humic Podzol	i-m	Gleysolic	p-vp	8
- gentle to steep slopes	WM4	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
- 700+ m ASL	WM5	Gleyed Ferro-Humic Podzol	i-m	Gleyed Ferro-Humic Podzol - shallow lithic phase	i-m	2
- mixed lithologies with high proportion of calcareous rock	WM9	Gleysolic	p-vp	Gleyed Ferro-Humic Podzol	i-m	9
- deeply weathered						
- Subalpine mountain hemlock - Pacific silver fir zone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

Winter Harbour Soil Association - WR

General Characteristics	Component Map Symbol	Most Common Soil Classification	Drain-* age	Less Common Soil Classification	Drain-* age	Com-** ments
- loam to silty clay loam	WR1	Gleyed Ferro-Humic Podzol	i-m			
- gravelly	WR2	Gleyed Ferro-Humic Podzol	i-m	Orthic Ferro-Humic Podzol	m-w	12
- morainal blanket, subdued, ridged, veneer	WR3	Gleyed Ferro-Humic Podzol	i-m	Gleysolic	p-vp	8
- very gentle to steep slopes	WR4	Gleyed Ferro-Humic Podzol	i-m	Duric Ferro-Humic Podzol - gleyed phase	i-m	17
- 0-700 m ASL	WR5	Gleyed Ferro-Humic Podzol	i-m	Gleyed Ferro-Humic Podzol - shallow lithic phase	i-m	10
- mixed lithologies with high proportion of calcareous lithologies	WR9	Gleysolic	p-vp	Gleyed Ferro-Humic Podzol	i-m	9
- deeply weathered						
- Outer Coastal western hemlock - Pacific silver fir zone: western red cedar subzone						

*Drainage symbols explained on p. 7.

** Comment numbers explained on p. 115

EXPLANATION OF COMMENT SYMBOLS

1. minor proportion of this soil component has distinct to prominent mottling indicative of gleying within 1 m of the surface as a result of a soil forming environment more moist than modal.

2. minor proportion of this soil component has a lithic contact within 50 cm of the surface.

3. major proportion of this soil component has a lithic contact within 50 cm of the surface.

4. major proportion of this soil component has distinct to prominent mottling indicative of gleying within 1 m of the surface as a result of a soil forming environment more moist than modal.

5. minor proportion of this soil component has increased organic matter illuviation within the mineral horizons as a result of a soil forming environment more moist than modal.

6. minor proportion of this soil component has reduced organic matter illuvation within the mineral horizons as a result of a soil forming environment less moist than modal.

7. minor proportion of this soil component has very immature or no soil development due to recent disturbance or deposition of soil parent material.

8. minor proportion of this soil component has features indicative of periodic or prolonged saturation with water and reducing conditions throughout the soil profile as a result of a soil forming environment more moist than modal. Podzolic B horizons are not present within this proportion.

9. major proportion of this soil component has features indicative of periodic or prolonged saturation with water and reducing conditions throughout the soil profile as a result of a soil forming environment more moist than modal. Podzolic B horizons are not present within this proportion.

10. minor proportion of this soil component has a lithic contact within 1 m of the mineral surface.

11. minor proportion of this soil component has only weak cementation or no cementation; major component has strong cementation.

12. minor proportion of this soil component does not have distinct to prominent mottling indicative of gleying within 1 m of the surface as a result of a soil forming environment less moist than modal.

13. minor proportion of this soil component does not have features indicative of periodic of prolonged saturation and reducing conditions throughout the soil profile as a result of a soil forming environment less moist than modal. Podzolic B horizons are present within this proportion.

14. minor proportion of this soil component has strong to indurated cementation within a portion of the podzolic B horizons.

15. minor proportion of this soil component has organic deposits greater than 160 cm in thickness.

16. major proportion of this soil component has organic deposits greater than 160 cm in thickness.

17. major proportion of this soil component has only weak cementation or no cementation; minor component has strong cementation.

18. minor proportion of this soil component has some modification of colour and/or structure by soil forming processes as a result of material being older than modal.

19. minor proportion of this soil component has reduced pyrophosphate extractable Fe + Al in the cemented horizons.

20. major proportion of this soil component has reduced pyrophosphate extractable Fe + Al in the cemented horizons.

21. major proportion of this soil component has very immature or no soil development due to recent disturbance or deposition of soil parent material.

22. minor proportion of this soil component has increased pyrophosphate extractable Fe + Al within the B horizon(s) as a result of materials being older or less recently disturbed than modal.