

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
30: CINNAMON SANDY LOAM, 30 TO 65 PERCENT SLOPES	CINNAMON	No	---	---	---	---	---	1,600
	Swift soils	---	---	---	---	---	---	200
	Wet spots	Yes	alluvial cone	---	---	---	---	200
31: CINNAMON SANDY LOAM, 65 TO 90 PERCENT SLOPES	CINNAMON	No	---	---	---	---	---	322
	Swift soils	---	---	---	---	---	---	108
32: CLATO SILT LOAM, 0 TO 3 PERCENT SLOPES	CLATO	No	---	---	---	---	---	5,181
	Wet spots	Yes	alluvial cone	---	---	---	---	610
	Newberg soils	Yes	alluvial cone	---	---	---	---	305
33: COWEEMAN SILT LOAM, 5 TO 15 PERCENT SLOPES	COWEEMAN	No	---	---	---	---	---	774
	Coweeman, poorly drained	Yes	stream terrace	2A	YES	NO	NO	136
34: COWEEMAN SILTY CLAY LOAM, 3 TO 30 PERCENT SLOPES	COWEEMAN	No	---	---	---	---	---	2,490
	Coweeman, poorly drained	Yes	stream terrace	2A	YES	NO	NO	440
35: COWLITZ VERY GRAVELLY SAND, 0 TO 1 PERCENT SLOPES	COWLITZ	No	---	---	---	---	---	2,737
	Wet spots	Yes	alluvial cone	---	---	---	---	322
	Carrolls soils	---	---	---	---	---	---	161
36: COWLITZ EXTREMELY GRAVELLY SAND, DISTURBED, 0 TO 5 PERCENT SLOPES	COWLITZ	No	---	---	---	---	---	1,615
	Wet spots	Yes	alluvial cone	---	---	---	---	190

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	Panamaker soils	---	---	---	---	---	---	95
37: COWLITZ EXTREMELY GRAVELLY SAND, DISTURBED, 5 TO 15 PERCENT SLOPES	COWLITZ	No	---	---	---	---	---	221
	Panamaker soils	---	---	---	---	---	---	39
38: COWLITZ EXTREMELY GRAVELLY SAND, DISTURBED, 15 TO 30 PERCENT SLOPES	COWLITZ	No	---	---	---	---	---	221
	Panamaker soils	---	---	---	---	---	---	39
39: DELAMETER EXTREMELY GRAVELLY LOAMY SAND, 0 TO 20 PERCENT SLOPES	DELAMETER	No	---	---	---	---	---	2,888
	Studebaker soils	---	---	---	---	---	---	361
	Wet spots	Yes	alluvial cone	---	---	---	---	361
40: DOBBS GRAVELLY SILT LOAM, 5 TO 30 PERCENT SLOPES	DOBBS	No	---	---	---	---	---	765
	Reichel soils	Yes	alluvial cone	---	---	---	---	102
	Wet spots	Yes	alluvial cone	---	---	---	---	102
	Stahl soils	---	---	---	---	---	---	51
41: DOBBS GRAVELLY SILT LOAM, 30 TO 65 PERCENT SLOPES	DOBBS	No	---	---	---	---	---	698
	Reichel soils	---	---	---	---	---	---	93
	Wet spots	Yes	alluvial cone	---	---	---	---	93
	Stahl soils	---	---	---	---	---	---	46
42: DOMELL LOAMY SAND, OVERBLOWN, 5 TO 30 PERCENT SLOPES	DOMELL	No	---	---	---	---	---	3,420
	Wet spots	Yes	alluvial cone	---	---	---	---	428

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
43: DOMELL SANDY LOAM, 5 TO 30 PERCENT SLOPES	Hatchet soils	---	---	---	---	---	---	214
	Hoffstadt soils	---	---	---	---	---	---	214
	DOMELL	No	---	---	---	---	---	2,060
	Wet spots	Yes	alluvial cone	---	---	---	---	258
	Hatchet soils	---	---	---	---	---	---	129
	Hoffstadt soils	Yes	alluvial cone	---	---	---	---	129
44: DOMELL SANDY LOAM, 30 TO 70 PERCENT SLOPES	DOMELL	No	---	---	---	---	---	949
	Hatchet soils	---	---	---	---	---	---	126
	Hoffstadt soils	---	---	---	---	---	---	126
	glacial till substratum	---	---	---	---	---	---	63
45: DOMELL STONY SANDY LOAM, 5 TO 30 PERCENT SLOPES	DOMELL	No	---	---	---	---	---	1,136
	Wet spots	Yes	alluvial cone	---	---	---	---	142
	Hatchet soils	---	---	---	---	---	---	71
	Hoffstadt soils	---	---	---	---	---	---	71
46: DOMELL STONY SANDY LOAM, 30 TO 65 PERCENT SLOPES	DOMELL	No	---	---	---	---	---	1,076
	Hatchet soils	---	---	---	---	---	---	202
	glacial till substratum	---	---	---	---	---	---	67
47: EDGEWICK SILT LOAM, 0 TO 3 PERCENT SLOPES	EDGEWICK	No	---	---	---	---	---	1,048
	Wet spots	Yes	alluvial cone	---	---	---	---	131

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	somewhat excessively drained soils	---	---	---	---	---	---	131
48: ELKPRAIRIE LOAMY SAND, 0 TO 30 PERCENT SLOPES	ELKPRAIRIE	No	---	---	---	---	---	1,556
	Wet spots	Yes	alluvial cone	---	---	---	---	311
	Polepatch soils	Yes	alluvial cone	---	---	---	---	104
	Vanson soils	---	---	---	---	---	---	104
49: ELOCHOMAN SILT LOAM, 5 TO 30 PERCENT SLOPES	ELOCHOMAN	No	---	---	---	---	---	174
	Lytell soils	---	---	---	---	---	---	20
	Bunker soils	---	---	---	---	---	---	10
50: FERTEG SILT LOAM, 0 TO 8 PERCENT SLOPES	FERTEG	No	---	---	---	---	---	531
	Wet spots	Yes	alluvial cone	---	---	---	---	62
	Hoffstadt soils	---	---	---	---	---	---	31
51: FERTEG SILT LOAM, 8 TO 30 PERCENT SLOPES	FERTEG	No	---	---	---	---	---	1,598
	Wet spots	Yes	alluvial cone	---	---	---	---	188
	Hoffstadt soils	Yes	alluvial cone	---	---	---	---	94
52: FORSYTH VERY COBBLY LOAMY SAND, 0 TO 30 PERCENT SLOPES	FORSYTH	No	---	---	---	---	---	1,001
	Cinnamon soils	---	---	---	---	---	---	134
	Swift soils	---	---	---	---	---	---	134
	stones and boulders	---	---	---	---	---	---	67
53: FORSYTH VERY COBBLY LOAMY SAND, 50 TO 90 PERCENT SLOPES	FORSYTH	No	---	---	---	---	---	180

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	Prather soils	---	---	---	---	---	---	1,055
77: HAZELDELL GRAVELLY SILT LOAM, 20 TO 30 PERCENT SLOPES	HAZELDELL	No	---	---	---	---	---	22,072
	Melbourne soils	---	---	---	---	---	---	2,759
	Prather soils	---	---	---	---	---	---	2,759
78: HAZELDELL GRAVELLY SILT LOAM, 30 TO 65 PERCENT SLOPES	HAZELDELL	No	---	---	---	---	---	27,460
	Wet spots	Yes	alluvial cone	---	---	---	---	3,432
	Melbourne soils	---	---	---	---	---	---	1,716
	Prather soils	---	---	---	---	---	---	1,716
79: HAZELDELL GRAVELLY SILT LOAM, TUFF SUBSTRATUM, 5 TO 30 PERCENT SLOPES	HAZELDELL	No	---	---	---	---	---	420
	Melbourne soils	---	---	---	---	---	---	52
	Prather soils	---	---	---	---	---	---	52
80: HAZELDELL GRAVELLY SILT LOAM, TUFF SUBSTRATUM, 30 TO 65 PERCENT SLOPES	HAZELDELL	No	---	---	---	---	---	15,180
	Melbourne soils	---	---	---	---	---	---	1,898
	Prather soils	---	---	---	---	---	---	1,898
81: HISTIC CRYAQUEPTS, 0 TO 1 PERCENT SLOPES	HISTIC CRYAQUEPTS	Yes	depression	2B3	YES	NO	NO	378
	well drained soils	No	---	---	---	---	---	42
82: HISTIC HUMAQUEPTS, 0 TO 3 PERCENT SLOPES	HISTIC HUMAQUEPTS	Yes	alluvial cone	2B3,3	YES	NO	YES	139
	Histosols	No	---	---	---	---	---	18

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
88: HOFFSTADT-ROCK OUTCROP COMPLEX, 65 TO 90 PERCENT SLOPES	HOFFSTADT	No	---	---	---	---	---	2,268
	ROCK OUTCROP	No	---	---	---	---	---	698
	Zynbar soils	---	---	---	---	---	---	349
	shallow soils	---	---	---	---	---	---	174
89: HOFFSTADT, OVERBLOWN-ROCK OUTCROP COMPLEX, 30 TO 65 PERCENT SLOPES	HOFFSTADT	No	---	---	---	---	---	146
	ROCK OUTCROP	No	---	---	---	---	---	45
	Zynbar soils	---	---	---	---	---	---	22
	shallow soils	---	---	---	---	---	---	11
90: HOFFSTADT, OVERBLOWN-ROCK OUTCROP COMPLEX, 65 TO 90 PERCENT SLOPES	HOFFSTADT	No	---	---	---	---	---	276
	ROCK OUTCROP	No	---	---	---	---	---	85
	Zynbar soils	---	---	---	---	---	---	42
	shallow soils	---	---	---	---	---	---	21
91: JONAS SILT LOAM, 5 TO 30 PERCENT SLOPES	JONAS	No	---	---	---	---	---	2,140
	Wet spots	Yes	alluvial cone	---	---	---	---	268
	Dobbs soils	---	---	---	---	---	---	134
	Pheeneys soils	---	---	---	---	---	---	134
92: JONAS SILT LOAM, 30 TO 65 PERCENT SLOPES	JONAS	No	---	---	---	---	---	2,188
	Dobbs soils	---	---	---	---	---	---	274
	Pheeneys soils	---	---	---	---	---	---	274
93: KALAMA GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	KALAMA	No	---	---	---	---	---	296
	Wet spots	Yes	alluvial cone	---	---	---	---	37

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
99: KATULA-BUNKER COMPLEX, 65 TO 90 PERCENT SLOPES	KATULA	No	---	---	---	---	---	1,005
	BUNKER	No	---	---	---	---	---	502
	Boistfort soils	---	---	---	---	---	---	84
	Rock Outcrop	---	---	---	---	---	---	84
100: KELSO SILT LOAM, 0 TO 8 PERCENT SLOPES	KELSO	No	---	---	---	---	---	2,384
	Wet spots	Yes	alluvial cone	---	---	---	---	298
	Hazeldell soils	---	---	---	---	---	---	149
	Olympic soils	---	---	---	---	---	---	149
101: KELSO SILT LOAM, 8 TO 15 PERCENT SLOPES	KELSO	No	---	---	---	---	---	1,416
	Wet spots	Yes	alluvial cone	---	---	---	---	177
	Hazeldell soils	---	---	---	---	---	---	88
	Olympic soils	---	---	---	---	---	---	88
102: KELSO SILT LOAM, 15 TO 30 PERCENT SLOPES	KELSO	No	---	---	---	---	---	1,852
	Wet spots	Yes	alluvial cone	---	---	---	---	232
	Hazeldell soils	---	---	---	---	---	---	116
	Olympic soils	---	---	---	---	---	---	116
103: KELSO SILT LOAM, 30 TO 50 PERCENT SLOPES	KELSO	No	---	---	---	---	---	652
	Wet spots	Yes	alluvial cone	---	---	---	---	82
	Hazeldell soils	---	---	---	---	---	---	41
	Olympic soils	---	---	---	---	---	---	41
104: KOSMOS SILT LOAM, 0 TO 3 PERCENT SLOPES	KOSMOS	Yes	terrace	2A	YES	NO	NO	361

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
105: LACAMAS SILT LOAM, 0 TO 6 PERCENT SLOPES	Olympic soils	---	---	---	---	---	---	21
	Seaquest soils	---	---	---	---	---	---	21
	Speelyai soils	No	---	---	---	---	---	21
	LACAMAS	Yes	terrace	2B3	YES	NO	NO	434
	Centralia soils	---	---	---	---	---	---	26
	Galvin soils	No	---	---	---	---	---	26
106: LATES SILT LOAM, 5 TO 30 PERCENT SLOPES	Prather soils	---	---	---	---	---	---	26
	LATES	No	---	---	---	---	---	686
	Wet spots	Yes	alluvial cone	---	---	---	---	92
	Beigle soils	Yes	alluvial cone	---	---	---	---	46
	Jonas soils	---	---	---	---	---	---	46
107: LATES SILT LOAM, 30 TO 65 PERCENT SLOPES	Xeno soils	---	---	---	---	---	---	46
	LATES	No	---	---	---	---	---	2,018
	Beigle soils	---	---	---	---	---	---	269
	Jonas soils	---	---	---	---	---	---	269
108: LATES-ROCK OUTCROP COMPLEX, 65 TO 90 PERCENT SLOPES	Xeno soils	---	---	---	---	---	---	134
	LATES	No	---	---	---	---	---	344
	ROCK OUTCROP	No	---	---	---	---	---	125
	Beigle soils	---	---	---	---	---	---	62
	Jonas soils	---	---	---	---	---	---	62
109: LITHIC HAPLUMBREPTS, 50 TO 100 PERCENT SLOPES	Xeno soils	---	---	---	---	---	---	31
	LITHIC HAPLUMBREPTS	No	---	---	---	---	---	930

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
134: NATAL SILTY CLAY LOAM, 0 TO 4 PERCENT SLOPES	NATAL	Yes	terrace	2B3,3	YES	NO	YES	1,054
	deep soils	---	---	---	---	---	---	211
	Skeletal soils	No	---	---	---	---	---	140
135: NEWAUKUM GRAVELLY SILT LOAM, TUFF SUBSTRATUM, 8 TO 30 PERCENT SLOPES	NEWAUKUM	No	---	---	---	---	---	340
	Wet spots	Yes	alluvial cone	---	---	---	---	42
	Cinebar soils	---	---	---	---	---	---	21
	Hoffstadt soils	---	---	---	---	---	---	21
136: NEWAUKUM GRAVELLY SILT LOAM, TUFF SUBSTRATUM, 30 TO 65 PERCENT SLOPES	NEWAUKUM	No	---	---	---	---	---	2,604
	Cinebar soils	---	---	---	---	---	---	326
	Hoffstadt soils	---	---	---	---	---	---	163
	Zynbar soils	---	---	---	---	---	---	163
137: NEWAUKUM COBBLY SILT LOAM, 5 TO 30 PERCENT SLOPES	NEWAUKUM	No	---	---	---	---	---	2,960
	Cinebar soils	---	---	---	---	---	---	370
	Wet spots	Yes	alluvial cone	---	---	---	---	370
138: NEWAUKUM COBBLY SILT LOAM, 30 TO 65 PERCENT SLOPES	NEWAUKUM	No	---	---	---	---	---	4,268
	Cinebar soils	---	---	---	---	---	---	534
	Hoffstadt soils	---	---	---	---	---	---	267
	Zynbar soils	---	---	---	---	---	---	267
139: NEWAUKUM COBBLY SILT LOAM, 65 TO 90 PERCENT SLOPES	NEWAUKUM	No	---	---	---	---	---	192

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
146: OLYMPIC SILT LOAM, 2 TO 8 PERCENT SLOPES	Newberg soils	---	---	---	---	---	---	128
	Prather soils	---	---	---	---	---	---	128
	OLYMPIC	No	---	---	---	---	---	4,406
	Cinebar soils	---	---	---	---	---	---	588
	Wet spots	Yes	alluvial cone	---	---	---	---	588
	Prather soils	---	---	---	---	---	---	294
147: OLYMPIC SILT LOAM, 8 TO 20 PERCENT SLOPES	OLYMPIC	No	---	---	---	---	---	30,056
	Cinebar soils	---	---	---	---	---	---	4,008
	Wet spots	Yes	alluvial cone	---	---	---	---	4,008
	Prather soils	---	---	---	---	---	---	2,004
148: OLYMPIC SILT LOAM, 20 TO 30 PERCENT SLOPES	OLYMPIC	No	---	---	---	---	---	14,925
	Cinebar soils	---	---	---	---	---	---	1,990
	Prather soils	---	---	---	---	---	---	1,990
	deep soils	---	---	---	---	---	---	995
149: OLYMPIC SILT LOAM, 30 TO 65 PERCENT SLOPES	OLYMPIC	No	---	---	---	---	---	1,470
	Cinebar soils	---	---	---	---	---	---	196
	Prather soils	---	---	---	---	---	---	196
	deep soils	---	---	---	---	---	---	98
150: OLYMPIC SILT LOAM, TUFF SUBSTRATUM, 5 TO 30 PERCENT SLOPES	OLYMPIC	No	---	---	---	---	---	11,672
	Wet spots	Yes	alluvial cone	---	---	---	---	2,501
	Cinebar soils	---	---	---	---	---	---	1,668
	Prather soils	---	---	---	---	---	---	834
151: PANAMAHER GRAVELLY SAND, 0 TO 3 PERCENT SLOPES	PANAMAHER	No	---	---	---	---	---	855

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
170: RAUGHT SILT LOAM, 65 TO 90 PERCENT SLOPES	RAUGHT	No	---	---	---	---	---	340
	Germany soils	---	---	---	---	---	---	73
	deep soils	---	---	---	---	---	---	73
171: REICHEL SILT LOAM, 5 TO 30 PERCENT SLOPES	REICHEL	No	---	---	---	---	---	1,032
	Wet spots	Yes	alluvial cone	---	---	---	---	129
	Dobbs soils	---	---	---	---	---	---	64
	Jonas soils	---	---	---	---	---	---	64
172: RIVERWASH	RIVERWASH	Yes	flood plain	4	NO	YES	NO	5,924
	flood-prone areas	---	---	---	---	---	---	1,046
173: ROCK OUTCROP-RUBBLE LAND COMPLEX	ROCK OUTCROP	No	---	---	---	---	---	490
	RUBBLELAND	No	---	---	---	---	---	392
	shallow soils	---	---	---	---	---	---	98
174: ROSE VALLEY SILT LOAM, 0 TO 8 PERCENT SLOPES	ROSE VALLEY	No	---	---	---	---	---	791
	Kelso soils	---	---	---	---	---	---	113
	Rose Valley, poorly drained	Yes	terrace	2A	YES	NO	NO	113
	Stella soils	---	---	---	---	---	---	113
175: ROSE VALLEY SILT LOAM, 8 TO 15 PERCENT SLOPES	ROSE VALLEY	No	---	---	---	---	---	700
	Kelso soils	---	---	---	---	---	---	100
	Rose Valley, poorly drained	Yes	terrace	2A	YES	NO	NO	100
	Stella soils	---	---	---	---	---	---	100
176: SALKUM SILT LOAM, 2 TO 8 PERCENT SLOPES	SALKUM	No	---	---	---	---	---	979

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	Lacamas soils	Yes	alluvial cone	---	---	---	---	130
	Prather soils	---	---	---	---	---	---	130
	slopes >8%	---	---	---	---	---	---	65
177: SALKUM SILT LOAM, 8 TO 20 PERCENT SLOPES	SALKUM	No	---	---	---	---	---	341
	Lacamas soils	Yes	alluvial cone	---	---	---	---	46
	Prather soils	---	---	---	---	---	---	46
	slopes >20%	---	---	---	---	---	---	23
178: SALKUM SILT LOAM, 20 TO 30 PERCENT SLOPES	SALKUM	No	---	---	---	---	---	581
	Prather soils	---	---	---	---	---	---	116
	slopes >30%	---	---	---	---	---	---	78
179: SARA SILT LOAM, 0 TO 8 PERCENT SLOPES	SARA	No	---	---	---	---	---	1,880
	Prather soils	---	---	---	---	---	---	235
	slopes >8%	---	---	---	---	---	---	235
180: SARA SILT LOAM, 8 TO 15 PERCENT SLOPES	SARA	No	---	---	---	---	---	1,600
	Prather soils	---	---	---	---	---	---	200
	Wet spots	Yes	alluvial cone	---	---	---	---	200
181: SARA SILT LOAM, 15 TO 40 PERCENT SLOPES	SARA	No	---	---	---	---	---	1,944
	Prather soils	---	---	---	---	---	---	243
	Wet spots	Yes	alluvial cone	---	---	---	---	243
182: SARA SILTY CLAY LOAM, 0 TO 8 PERCENT SLOPES	SARA	No	---	---	---	---	---	568
	Prather soils	---	---	---	---	---	---	71
	Wet spots	Yes	alluvial cone	---	---	---	---	71

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
194: SEAQUEST SILT LOAM, 20 TO 30 PERCENT SLOPES	SEAQUEST	No	---	---	---	---	---	972
	Sara soils	---	---	---	---	---	---	122
	skeletal soils	---	---	---	---	---	---	61
	slopes >30%	---	---	---	---	---	---	61
195: SEMIAHMOO MUCK, 0 TO 1 PERCENT SLOPES	SEMIAHMOO	Yes	depression	3,1	NO	NO	YES	1,282
	Snohomish soils	---	---	---	---	---	---	142
196: SIOUXON VERY COBBLY SILT LOAM, 5 TO 30 PERCENT SLOPES	SIOUXON	No	---	---	---	---	---	1,180
	Wet spots	Yes	alluvial cone	---	---	---	---	148
	Cinebar soils	---	---	---	---	---	---	74
	Pheeneey soils	---	---	---	---	---	---	74
197: SIOUXON VERY COBBLY SILT LOAM, 30 TO 65 PERCENT SLOPES	SIOUXON	No	---	---	---	---	---	5,500
	Cinebar soils	---	---	---	---	---	---	688
	Pheeneey soils	---	---	---	---	---	---	688
198: SIOUXON-ROCK OUTCROP COMPLEX, 65 TO 90 PERCENT SLOPES	SIOUXON	No	---	---	---	---	---	2,720
	ROCK OUTCROP	No	---	---	---	---	---	837
	Pheeneey soils	---	---	---	---	---	---	418
	Cinebar soils	---	---	---	---	---	---	209
199: SNOHOMISH SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	SNOHOMISH	Yes	flood plain	2B3	YES	NO	NO	1,125
	somewhat poorly drained soils	No	---	---	---	---	---	225

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
216: SWIFT SANDY LOAM, 5 TO 30 PERCENT SLOPES	Lonestar soils	---	---	---	---	---	---	24
	Hatchet soils	---	---	---	---	---	---	12
	SWIFT	No	---	---	---	---	---	1,058
	Cinnamon soils	---	---	---	---	---	---	141
	Lonestar soils	---	---	---	---	---	---	141
217: SWIFT SANDY LOAM, 30 TO 65 PERCENT SLOPES	Hatchet soils	---	---	---	---	---	---	70
	SWIFT	No	---	---	---	---	---	6,075
	Cinnamon soils	---	---	---	---	---	---	810
	Lonestar soils	---	---	---	---	---	---	810
218: SWIFT SANDY LOAM, 65 TO 90 PERCENT SLOPES	Hatchet soils	---	---	---	---	---	---	405
	SWIFT	No	---	---	---	---	---	318
	Cinnamon soils	---	---	---	---	---	---	46
	Hatchet soils	---	---	---	---	---	---	46
219: SWIFT-ROCK OUTCROP COMPLEX, 30 TO 65 PERCENT SLOPES	Lonestar soils	---	---	---	---	---	---	46
	SWIFT	No	---	---	---	---	---	998
	ROCK OUTCROP	No	---	---	---	---	---	214
	Cinnamon soils	---	---	---	---	---	---	142
220: SWIFT-ROCK OUTCROP COMPLEX, 65 TO 90 PERCENT SLOPES	Hatchet soils	---	---	---	---	---	---	71
	SWIFT	No	---	---	---	---	---	2,779
	ROCK OUTCROP	No	---	---	---	---	---	596

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
226: VANSON LOAMY SAND, OVERBLOWN, 65 TO 90 PERCENT SLOPES	VANSON	No	---	---	---	---	---	765
	Hatchet soils	---	---	---	---	---	---	102
	Stahl soils	---	---	---	---	---	---	102
	Swift soils	---	---	---	---	---	---	51
227: VANSON LOAMY SAND, TILL SUBSTRATUM, OVERBLOWN, 5 TO 30 PERCENT SLOPES	VANSON	No	---	---	---	---	---	604
	Hatchet soils	---	---	---	---	---	---	80
	Wet spots	Yes	alluvial cone	---	---	---	---	80
	Stahl soils	---	---	---	---	---	---	40
228: VANSON LOAMY SAND, TILL SUBSTRATUM, OVERBLOWN, 30 TO 65 PERCENT SLOPES	VANSON	No	---	---	---	---	---	1,178
	Hatchet soils	---	---	---	---	---	---	157
	Stahl soils	---	---	---	---	---	---	157
	Swift soils	---	---	---	---	---	---	78
229: VANSON SANDY LOAM, 5 TO 30 PERCENT SLOPES	VANSON	No	---	---	---	---	---	2,580
	Hatchet soils	---	---	---	---	---	---	344
	Wet spots	Yes	alluvial cone	---	---	---	---	344
	Stahl soils	---	---	---	---	---	---	172
230: VANSON SANDY LOAM, 30 TO 65 PERCENT SLOPES	VANSON	No	---	---	---	---	---	3,746
	Hatchet soils	---	---	---	---	---	---	500
	Wet spots	Yes	alluvial cone	---	---	---	---	500
	Stahl soils	---	---	---	---	---	---	250
231: VANSON SANDY LOAM, 65 TO 90 PERCENT SLOPES	VANSON	No	---	---	---	---	---	604

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
242: VANSON-ROCK OUTCROP COMPLEX, 30 TO 65 PERCENT SLOPES	VANSON	No	---	---	---	---	---	1,036
	ROCK OUTCROP	No	---	---	---	---	---	222
	Stahl soils	---	---	---	---	---	---	148
	Swift soils	---	---	---	---	---	---	74
243: VANSON-ROCK OUTCROP COMPLEX, 65 TO 90 PERCENT SLOPES	VANSON	No	---	---	---	---	---	2,130
	ROCK OUTCROP	No	---	---	---	---	---	710
	Hatchet soils	---	---	---	---	---	---	355
	Stahl soils	---	---	---	---	---	---	355
244: VANSON, OVERBLOWN-ROCK OUTCROP COMPLEX, 30 TO 65 PERCENT SLOPES	VANSON	No	---	---	---	---	---	392
	ROCK OUTCROP	No	---	---	---	---	---	84
	Hatchet soils	---	---	---	---	---	---	56
	Stahl soils	---	---	---	---	---	---	28
245: VANSON, OVERBLOWN-ROCK OUTCROP COMPLEX, 65 TO 90 PERCENT SLOPES	VANSON	No	---	---	---	---	---	564
	ROCK OUTCROP	No	---	---	---	---	---	188
	Hatchet soils	---	---	---	---	---	---	94
	Stahl soils	---	---	---	---	---	---	94
246: VOIGHT SILT LOAM, 5 TO 30 PERCENT SLOPES	VOIGHT	No	---	---	---	---	---	2,312
	Wet spots	Yes	alluvial cone	---	---	---	---	272
	Pheeneys soils	---	---	---	---	---	---	136
247: WINSTON SILT LOAM, 0 TO 8 PERCENT SLOPES	WINSTON	No	---	---	---	---	---	802
	Olequa soils	---	---	---	---	---	---	160
	Wet spots	Yes	alluvial cone	---	---	---	---	107

HYDRIC SOILS LIST--Continued
 Cowlitz County, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
261: ZYMER-ROCK OUTCROP COMPLEX, 65 TO 90 PERCENT SLOPES	Yalelake soils	---	---	---	---	---	---	124
	ZYMER	No	---	---	---	---	---	1,128
	ROCK OUTCROP	No	---	---	---	---	---	512
	Swift soils	---	---	---	---	---	---	205
	Yalelake soils	---	---	---	---	---	---	205
262: ZYNBAR SILT LOAM, 5 TO 30 PERCENT SLOPES	ZYNBAR	No	---	---	---	---	---	1,904
	Wet spots	Yes	alluvial cone	---	---	---	---	224
	Cinebar soils	---	---	---	---	---	---	112
263: WATER	WATER	Yes	alluvial cone	---	---	---	---	9,991