

SOIL LEGEND

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
1	Andaquepts, 0 to 3 percent slopes	67	Greenwater loamy sand, overblown, 0 to 8 percent slopes	133	Murnen silt loam, 5 to 30 percent slopes	199	Snohomish silty clay loam, 0 to 1 percent slopes
2	Andic Cryaquepts-Rock outcrop complex, 50 to 90 percent slopes	68	Greenwater gravelly loamy sand, 0 to 8 percent slopes	134	Natal silty clay loam, 0 to 4 percent slopes	200	Solo gravelly loamy sand, 0 to 8 percent slopes
3	Andic Cryumbrepts-Rock outcrop complex, 50 to 90 percent slopes	69	Greenwater fine sandy loam, 0 to 8 percent slopes	135	Newaukum gravelly silt loam, tuff substratum, 8 to 30 percent slopes	201	Speelyai gravelly loamy sand, 0 to 8 percent slopes
4	Andic Cryumbrepts, overblown-Rock outcrop complex, 50 to 90 percent slopes	70	Hatchet loamy sand, overblown, 30 to 65 percent slopes	136	Newaukum gravelly silt loam, tuff substratum, 30 to 65 percent slopes	202	Speelyai gravelly loamy sand, 15 to 60 percent slopes
5	Arents, 0 to 5 percent slopes	71	Hatchet loamy sand, overblown, 65 to 90 percent slopes	137	Newaukum cobbly silt loam, 5 to 30 percent slopes	203	Spodic Cryosamments, 0 to 30 percent slopes
6	Astoria silt loam, 5 to 30 percent slopes	72	Hatchet very cobbly sandy loam, 30 to 65 percent slopes	138	Newaukum cobbly silt loam, 30 to 65 percent slopes	204	Stahl very gravelly silt loam, 30 to 65 percent slopes
7	Baumgard silt loam, 5 to 30 percent slopes	73	Hatchet-Rock outcrop complex, 30 to 65 percent slopes	139	Newaukum cobbly silt loam, 65 to 90 percent slopes	205	Stahl-Reichel complex, 5 to 30 percent slopes
8	Baumgard silt loam, 30 to 65 percent slopes	74	Hatchet-Rock outcrop complex, 65 to 90 percent slopes	140	Newaukum-Rock outcrop complex, 15 to 65 percent slopes	206	Stahl-Reichel complex, 30 to 65 percent slopes
9	Beigle silt loam, 5 to 30 percent slopes	75	Hatchet, overblown-Rock outcrop complex, 65 to 90 percent slopes	141	Newberg fine sandy loam, 0 to 3 percent slopes	207	Stahl-Rock outcrop complex, 30 to 75 percent slopes
10	Beigle silt loam, 30 to 65 percent slopes	76	Hazeldell gravelly silt loam, 8 to 20 percent slopes	142	Olequa silt loam, 0 to 8 percent slopes	208	Stella silt loam, 3 to 8 percent slopes
11	Boistfort silt loam, 5 to 30 percent slopes	77	Hazeldell gravelly silt loam, 20 to 30 percent slopes	143	Olequa silt loam, 8 to 20 percent slopes	209	Stella silt loam, 8 to 15 percent slopes
12	Buckpeak silt loam, 30 to 65 percent slopes	78	Hazeldell gravelly silt loam, 30 to 65 percent slopes	144	Olequa silt loam, 20 to 30 percent slopes	210	Stella silt loam, 15 to 30 percent slopes
13	Buckpeak silt loam, 65 to 90 percent slopes	79	Hazeldell gravelly silt loam, tuff substratum, 5 to 30 percent slopes	145	Olequa silt loam, 30 to 65 percent slopes	211	Studebaker very gravelly loamy sand, 0 to 20 percent slopes
14	Bunker silt loam, 5 to 30 percent slopes	80	Hazeldell gravelly silt loam, tuff substratum, 30 to 65 percent slopes	146	Olympic silt loam, 2 to 8 percent slopes	212	Swem cobbly silt loam, 5 to 30 percent slopes
15	Bunker silt loam, 30 to 65 percent slopes	81	Histic Cryaquepts, 0 to 1 percent slopes	147	Olympic silt loam, 8 to 20 percent slopes	213	Swem cobbly silt loam, 30 to 65 percent slopes
16	Camas cobbly loam, 0 to 3 percent slopes	82	Histic Humaquepts, 0 to 3 percent slopes	148	Olympic silt loam, 20 to 30 percent slopes	214	Swift loamy sand, overblown, 30 to 65 percent slopes
17	Caples silty clay loam, 0 to 3 percent slopes	83	Hoffstadt loamy sand, overblown, 5 to 30 percent slopes	149	Olympic silt loam, 30 to 65 percent slopes	215	Swift loamy sand, overblown, 65 to 90 percent slopes
18	Carrolls sand, flooded, 0 to 2 percent slopes	84	Hoffstadt loamy sand, overblown, 30 to 70 percent slopes	150	Olympic silt loam, tuff substratum, 5 to 30 percent slopes	216	Swift sandy loam, 5 to 30 percent slopes
19	Carrolls loamy sand, 0 to 2 percent slopes	85	Hoffstadt very gravelly sandy loam, 5 to 30 percent slopes	151	Panamaker gravelly sand, 0 to 3 percent slopes	217	Swift sandy loam, 30 to 65 percent slopes
20	Carrolls fine sandy loam, overwash, 0 to 1 percent slopes	86	Hoffstadt very gravelly sandy loam, 30 to 65 percent slopes	152	Panamaker gravelly sand, flooded, 0 to 1 percent slopes	218	Swift sandy loam, 65 to 90 percent slopes
21	Centralia silt loam, 0 to 8 percent slopes	87	Hoffstadt-Rock outcrop complex, 30 to 65 percent slopes	153	Pheeneey gravelly silt loam, 5 to 30 percent slopes	219	Swift-Rock outcrop complex, 30 to 65 percent slopes
22	Centralia silt loam, 8 to 20 percent slopes	88	Hoffstadt-Rock outcrop complex, 65 to 90 percent slopes	154	Pheeneey gravelly silt loam, 30 to 65 percent slopes	220	Swift-Rock outcrop complex, 65 to 90 percent slopes
23	Centralia silt loam, 20 to 30 percent slopes	89	Hoffstadt, overblown-Rock outcrop complex, 30 to 65 percent slopes	155	Pheeneey gravelly silt loam, 65 to 90 percent slopes	221	Swift, overblown-Rock outcrop complex, 40 to 90 percent slopes
24	Cinebar loamy sand, overblown, 5 to 30 percent slopes	90	Hoffstadt, overblown-Rock outcrop complex, 65 to 90 percent slopes	156	Pheeneey-Beigle complex, 5 to 30 percent slopes	222	Vader loam, 5 to 30 percent slopes
25	Cinebar silt loam, 0 to 5 percent slopes	91	Jonas silt loam, 5 to 30 percent slopes	157	Pheeneey-Beigle complex, 30 to 65 percent slopes	223	Vader loam, 30 to 65 percent slopes
26	Cinebar silt loam, 5 to 20 percent slopes	92	Jonas silt loam, 30 to 65 percent slopes	158	Pheeneey-Rock outcrop complex, 30 to 65 percent slopes	224	Vanson loamy sand, overblown, 5 to 30 percent slopes
27	Cinebar silt loam, 20 to 30 percent slopes	93	Kalama gravelly loam, 8 to 15 percent slopes	159	Pheeneey-Rock outcrop complex, 65 to 90 percent slopes	225	Vanson loamy sand, overblown, 30 to 65 percent slopes
28	Cinebar silt loam, 30 to 65 percent slopes	94	Kalama gravelly loam, 15 to 30 percent slopes	160	Pilchuck loamy fine sand, 0 to 8 percent slopes	226	Vanson loamy sand, overblown, 65 to 90 percent slopes
29	Cinnamon sandy loam, 5 to 30 percent slopes	95	Kalama gravelly loam, 30 to 60 percent slopes	161	Pits	227	Vanson loamy sand, till substratum, overblown, 5 to 30 percent slopes
30	Cinnamon sandy loam, 30 to 65 percent slopes	96	Katula very cobbly loam, 30 to 65 percent slopes	162	Polepatch loamy sand, overblown, 0 to 30 percent slopes	228	Vanson loamy sand, till substratum, overblown, 30 to 65 percent slopes
31	Cinnamon sandy loam, 65 to 90 percent slopes	97	Katula very cobbly loam, 65 to 90 percent slopes	163	Polepatch very cobbly loamy sand, 0 to 30 percent slopes	229	Vanson sandy loam, 5 to 30 percent slopes
32	Clato silt loam, 0 to 3 percent slopes	98	Katula-Bunker complex, 30 to 65 percent slopes	164	Polepatch very cobbly loamy sand, 50 to 90 percent slopes	230	Vanson sandy loam, 30 to 65 percent slopes
33	Coweman silt loam, 5 to 15 percent slopes	99	Katula-Bunker complex, 65 to 90 percent slopes	165	Polepatch extremely bouldery loamy sand, 0 to 30 percent slopes	231	Vanson sandy loam, 65 to 90 percent slopes
34	Coweman silty clay loam, 3 to 30 percent slopes	100	Kelso silt loam, 0 to 8 percent slopes	166	Prather silty clay loam, 0 to 5 percent slopes	232	Vanson sandy loam, tuff substratum, 5 to 30 percent slopes
35	Cowlitz very gravelly sand, 0 to 1 percent slopes	101	Kelso silt loam, 8 to 15 percent slopes	167	Prather silty clay loam, 5 to 15 percent slopes	233	Vanson sandy loam, tuff substratum, 30 to 65 percent slopes
36	Cowlitz extremely gravelly sand, disturbed, 0 to 5 percent slopes	102	Kelso silt loam, 15 to 30 percent slopes	168	Raught silt loam, 20 to 30 percent slopes	234	Vanson cobbly sandy loam, till substratum, 5 to 30 percent slopes
37	Cowlitz extremely gravelly sand, disturbed, 5 to 15 percent slopes	103	Kelso silt loam, 30 to 50 percent slopes	169	Raught silt loam, 30 to 65 percent slopes	235	Vanson cobbly sandy loam, till substratum, 30 to 65 percent slopes
38	Cowlitz extremely gravelly sand, disturbed, 15 to 30 percent slopes	104	Kosmos silt loam, 0 to 3 percent slopes	170	Raught silt loam, 65 to 90 percent slopes	236	Vanson-Hatchet loamy sands, overblown, 5 to 30 percent slopes
39	Delameter extremely gravelly loamy sand, 0 to 20 percent slopes	105	Lacamas silt loam, 0 to 6 percent slopes	171	Reichel silt loam, 5 to 30 percent slopes	237	Vanson-Hatchet loamy sands, overblown, 30 to 65 percent slopes
40	Dobbs gravelly silt loam, 5 to 30 percent slopes	106	Lates silt loam, 5 to 30 percent slopes	172	Riverwash	238	Vanson-Hatchet loamy sands, overblown, 65 to 90 percent slopes
41	Dobbs gravelly silt loam, 30 to 65 percent slopes	107	Lates silt loam, 30 to 65 percent slopes	173	Rock outcrop-Rubble land complex	239	Vanson-Hatchet complex, 5 to 30 percent slopes
42	Domell loamy sand, overblown, 5 to 30 percent slopes	108	Lates-Rock outcrop complex, 65 to 90 percent slopes	174	Rose Valley silt loam, 0 to 8 percent slopes	240	Vanson-Hatchet complex, 30 to 65 percent slopes
43	Domell sandy loam, 5 to 30 percent slopes	109	Lithic Haplumbrepts, 50 to 100 percent slopes	175	Rose Valley silt loam, 8 to 15 percent slopes	241	Vanson-Hatchet complex, 65 to 90 percent slopes
44	Domell sandy loam, 30 to 70 percent slopes	110	Lithic Umbric Vitrandepts, 0 to 15 percent slopes	176	Salkum silt loam, 2 to 8 percent slopes	242	Vanson-Rock outcrop complex, 30 to 65 percent slopes
45	Domell stony sandy loam, 5 to 30 percent slopes	111	Lonestar sand, 30 to 65 percent slopes	177	Salkum silt loam, 8 to 20 percent slopes	243	Vanson-Rock outcrop complex, 65 to 90 percent slopes
46	Domell stony sandy loam, 30 to 65 percent slopes	112	Lonestar loamy sand, overblown, 5 to 30 percent slopes	178	Salkum silt loam, 20 to 30 percent slopes	244	Vanson, overblown-Rock outcrop complex, 30 to 65 percent slopes
47	Edgewick silt loam, 0 to 3 percent slopes	113	Lonestar loamy sand, overblown, 30 to 65 percent slopes	179	Sara silt loam, 0 to 8 percent slopes	245	Vanson, overblown-Rock outcrop complex, 65 to 90 percent slopes
48	Elkprairie loamy sand, 0 to 30 percent slopes	114	Lonestar loamy sand, overblown, 65 to 90 percent slopes	180	Sara silt loam, 8 to 15 percent slopes	246	Voight silt loam, 5 to 30 percent slopes
49	Elochoman silt loam, 5 to 30 percent slopes	115	Lonestar sandy loam, 5 to 30 percent slopes	181	Sara silt loam, 15 to 40 percent slopes	247	Winston silt loam, 0 to 8 percent slopes
50	Ferteg silt loam, 0 to 8 percent slopes	116	Lonestar sandy loam, 30 to 65 percent slopes	182	Sara silty clay loam, 0 to 8 percent slopes	248	Wyant loam, 5 to 30 percent slopes
51	Ferteg silt loam, 8 to 30 percent slopes	117	Lonestar sandy loam, 65 to 90 percent slopes	183	Sarazan very gravelly silt loam, 5 to 30 percent slopes	249	Wyant loam, 30 to 65 percent slopes
52	Forsyth very cobbly loamy sand, 0 to 30 percent slopes	118	Lonestar sandy loam, tuff substratum, 5 to 30 percent slopes	184	Sarazan very gravelly silt loam, 30 to 65 percent slopes	250	Xana loamy sand, 5 to 30 percent slopes
53	Forsyth very cobbly loamy sand, 50 to 90 percent slopes	119	Loper silt loam, 20 to 30 percent slopes	185	Sauvola loam, 0 to 8 percent slopes	251	Xana loamy sand, 30 to 65 percent slopes
54	Germany silt loam, 0 to 8 percent slopes	120	Loper silt loam, 30 to 65 percent slopes	186	Sauvola loam, 8 to 15 percent slopes	252	Xeno silt loam, 5 to 30 percent slopes
55	Germany silt loam, 8 to 20 percent slopes	121	Lytell silt loam, 5 to 30 percent slopes	187	Sauvola loam, 15 to 30 percent slopes	253	Xeno silt loam, 30 to 65 percent slopes
56	Germany silt loam, 20 to 30 percent slopes	122	Lytell silt loam, 20 to 75 percent slopes	188	Schneider very gravelly loam, 5 to 30 percent slopes	254	Xerorthents, 50 to 90 percent slopes
57	Germany silt loam, 30 to 65 percent slopes	123	Mart silt loam, 0 to 8 percent slopes	189	Schneider very gravelly loam, 30 to 65 percent slopes	255	Yalelake sandy loam, 5 to 30 percent slopes
58	Germany silt loam, tuff substratum, 8 to 20 percent slopes	124	Mart silt loam, 8 to 20 percent slopes	190	Schneider-Rock outcrop complex, 15 to 65 percent slopes	256	Yalelake sandy loam, 30 to 65 percent slopes
59	Germany silt loam, tuff substratum, 20 to 30 percent slopes	125	Mart silt loam, 20 to 30 percent slopes	191	Schneider-Rock outcrop complex, 65 to 90 percent slopes	257	Yalelake sandy loam, 65 to 90 percent slopes
60	Germany silt loam, tuff substratum, 30 to 65 percent slopes	126	Mart silt loam, 30 to 65 percent slopes	192	Seaquest silt loam, 0 to 8 percent slopes	258	Zenker silt loam, 30 to 65 percent slopes
61	Gobar silt loam, 5 to 30 percent slopes	127	Maytown silt loam, 0 to 3 percent slopes	193	Seaquest silt loam, 8 to 20 percent slopes	259	Zenker silt loam, 65 to 90 percent slopes
62	Gobar silt loam, 30 to 65 percent slopes	128	Melbourne loam, 8 to 20 percent slopes	194	Seaquest silt loam, 20 to 30 percent slopes	260	Zymer sandy loam, 30 to 65 percent slopes
63	Gobar silt loam, 65 to 90 percent slopes	129	Melbourne loam, 20 to 30 percent slopes	195	Semiahmoo muck, 0 to 1 percent slopes	261	Zymer-Rock outcrop complex, 65 to 90 percent slopes
64	Gobar silt loam, 5 to 45 percent slopes, dissected	130	Minniece silt loam, 0 to 8 percent slopes	196	Siouxon very cobbly silt loam, 5 to 30 percent slopes	262	Zynbar silt loam, 5 to 30 percent slopes
65	Godfrey silt loam, 0 to 3 percent slopes	131	Mountsolo gravelly sand, 0 to 1 percent slopes	197	Siouxon very cobbly silt loam, 30 to 65 percent slopes	263	Water
66	Greenwater loamy sand, 8 to 45 percent slopes	132	Mulholland silt loam, 5 to 30 percent slopes	198	Siouxon-Rock outcrop complex, 65 to 90 percent slopes		

CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

CULTURAL FEATURES	MISCELLANEOUS CULTURAL FEATURES	SPECIAL SYMBOLS FOR SOIL SURVEY AND SSURGO
BOUNDARIES	National, state, or province	SOIL DELINEATIONS AND SYMBOLS
County or parish	Minor civil division	LANDFORM FEATURES
Reservation (national forest or park, state forest or park)	Land grant	ESCARPMENTS
Field sheet matchline & neatline	Limit of soil survey (label) and/or denied access area	Bedrock
Previously Published Survey	Other Religion (label)	Other than bedrock
OTHER BOUNDARY (label)	Located object (label)	SHORT STEEP SLOPE
Airport, airfield	Tank (label)	GULLY
Cemetery	Lookout Tower	DEPRESSION, closed
City/county park	Oil and/or Natural Gas Wells	SINKHOLE
STATE COORDINATE TICK 1 890 000 FEET	Windmill	EXCAVATIONS
LAND DIVISION CORNER (section and land grants)	Lighthouse	PITS
GEOGRAPHIC COORDINATE TICK		Borrow pits
TRANSPORTATION	HYDROGRAPHIC FEATURES	Gravel pit
Divided roads	STREAMS	Mine or quarry
Other roads	Perennial, double line	LANDFILL
Trail	Perennial, single line	MISCELLANEOUS SURFACE FEATURES
ROAD EMBLEM & DESIGNATIONS	Intermittent	Blowout
Interstate	Drainage end	Clay spot
Federal	DRAINAGE AND IRRIGATION	Gravelly spot
State	Double-line canal (label)	Lava flow
County, farm or ranch	Perennial drainage and/or irrigation ditch	Marsh or swamp
RAILROAD	Intermittent drainage and/ or irrigation ditch	Rock outcrop (includes sandstone and shale)
POWER TRANSMISSION LINE (normally not shown)	SMALL LAKES, PONDS AND RESERVOIRS	Saline spot
PIPE LINE (normally not shown)	Perennial water	Sandy spot
FENCE (normally not shown)	Miscellaneous water	Severely eroded spot
LEVEES	Flood pool line	Slide or slip
Without road	MISCELLANEOUS WATER FEATURES	Sodic spot
With road	Spring	Spoil area
With railroad	Well, artesian	Stony spot
Single side slope (showing actual feature location)	Well, irrigation	Very stony spot
DAMS		Wet spot
Medium or Small		
LANDFORM FEATURES		
Prominent hill or peak		
Soil Sample Site		