

# SSURGO SOILS LEGEND



## COWLITZ COUNTY SHORELINE MASTER PROGRAM

**DRAFT**

Note:  
Refer to Figure 12 for soil distribution and pattern in Cowlitz County.

### SSURGO SOILS

- 72104 - Andaquepts, 0 to 3 percent slopes
- 72106 - Beigle silt loam, 30 to 65 percent slopes
- 72107 - Kelso silt loam, 0 to 8 percent slopes
- 72109 - Kelso silt loam, 8 to 15 percent slopes
- 72114 - Kelso silt loam, 15 to 30 percent slopes
- 72115 - Kelso silt loam, 30 to 50 percent slopes
- 72116 - Kosmos silt loam, 0 to 3 percent slopes
- 72117 - Lacamas silt loam, 0 to 6 percent slopes
- 72118 - Lates silt loam, 5 to 30 percent slopes
- 72119 - Lates silt loam, 30 to 65 percent slopes
- 72120 - Lates-Rock outcrop complex, 65 to 90 percent slopes
- 72122 - Lithic Haplumbrepts, 0 to 100 percent slopes
- 72129 - Boistfort silt loam, 5 to 30 percent slopes
- 72130 - Lithic Umbric Vitrandepts, 0 to 15 percent slopes
- 72136 - Lonestar sand, 30 to 65 percent slopes
- 72139 - Lonestar loamy sand, overblown, 5 to 30 percent slopes
- 72140 - Lonestar loamy sand, overblown, 30 to 65 percent slopes
- 72141 - Lonestar loamy sand, overblown, 65 to 90 percent slopes
- 72142 - Lonestar sandy loam, 5 to 30 percent slopes
- 72143 - Lonestar sandy loam, 30 to 65 percent slopes
- 72144 - Lonestar sandy loam, 65 to 90 percent slopes
- 72145 - Lonestar sandy loam, tuff substratum, 5 to 30 percent slopes
- 72146 - Loper silt loam, 20 to 30 percent slopes
- 72149 - Buckpeak silt loam, 30 to 65 percent slopes
- 72150 - Loper silt loam, 30 to 65 percent slopes
- 72151 - Lytell silt loam, 5 to 30 percent slopes
- 72152 - Lytell silt loam, 30 to 75 percent slopes
- 72156 - Mart silt loam, 0 to 8 percent slopes
- 72157 - Mart silt loam, 8 to 20 percent slopes
- 72158 - Mart silt loam, 20 to 30 percent slopes
- 72159 - Mart silt loam, 30 to 65 percent slopes
- 72160 - Maytown silt loam, 0 to 3 percent slopes
- 72161 - Melbourne loam, 8 to 20 percent slopes
- 72162 - Melbourne loam, 20 to 30 percent slopes
- 72165 - Buckpeak silt loam, 65 to 90 percent slopes
- 72166 - Minniece silt loam, 0 to 8 percent slopes
- 72167 - Mountsolo gravelly sand, 0 to 1 percent slopes
- 72168 - Mulholland silt loam, 5 to 30 percent slopes
- 72169 - Murnen silt loam, 5 to 30 percent slopes
- 72170 - Natal silty clay loam, 0 to 4 percent slopes
- 72171 - Newaukum gravelly silt loam, tuff substratum, 8 to 30 percent slopes
- 72172 - Newaukum gravelly silt loam, tuff substratum, 30 to 65 percent slopes
- 72173 - Newaukum cobbly silt loam, 5 to 30 percent slopes
- 72174 - Newaukum cobbly silt loam, 30 to 65 percent slopes
- 72175 - Newaukum cobbly silt loam, 65 to 90 percent slopes
- 72178 - Bunker silt loam, 5 to 30 percent slopes
- 72179 - Newaukum-Rock outcrop complex, 15 to 65 percent slopes
- 72180 - Newberg fine sandy loam, 0 to 3 percent slopes
- 72181 - Olequa silt loam, 0 to 8 percent slopes
- 72182 - Olequa silt loam, 8 to 20 percent slopes
- 72183 - Olequa silt loam, 20 to 30 percent slopes
- 72184 - Olequa silt loam, 30 to 65 percent slopes
- 72185 - Olympic silt loam, 2 to 8 percent slopes
- 72186 - Olympic silt loam, 8 to 20 percent slopes
- 72187 - Olympic silt loam, 20 to 30 percent slopes
- 72188 - Olympic silt loam, 30 to 65 percent slopes
- 72190 - Bunker silt loam, 30 to 65 percent slopes
- 72191 - Olympic silt loam, tuff substratum, 5 to 30 percent slopes
- 72192 - Panamaker gravelly sand, 0 to 3 percent slopes
- 72193 - Panamaker gravelly sand, flooded, 0 to 1 percent slopes
- 72194 - Pheeney gravelly silt loam, 5 to 30 percent slopes
- 72195 - Pheeney gravelly silt loam, 30 to 65 percent slopes
- 72196 - Pheeney gravelly silt loam, 65 to 90 percent slopes
- 72197 - Pheeney-Beigle complex, 5 to 30 percent slopes
- 72198 - Pheeney-Beigle complex, 30 to 65 percent slopes
- 72199 - Pheeney-Rock outcrop complex, 30 to 65 percent slopes
- 72200 - Pheeney-Rock outcrop complex, 65 to 90 percent slopes
- 72203 - Camas cobbly loam, 0 to 3 percent slopes
- 72204 - Pilchuck loamy fine sand, 0 to 8 percent slopes
- 72205 - Pits
- 72206 - Polepatch loamy sand, overblown, 0 to 30 percent slopes
- 72207 - Polepatch very cobbly loamy sand, 0 to 30 percent slopes
- 72208 - Polepatch very cobbly loamy sand, 50 to 90 percent slopes
- 72209 - Polepatch extremely bouldery loamy sand, 0 to 30 percent slopes
- 72210 - Prather silty clay loam, 0 to 5 percent slopes
- 72213 - Raught silt loam, 5 to 15 percent slopes
- 72219 - Raught silt loam, 20 to 30 percent slopes
- 72220 - Raught silt loam, 30 to 65 percent slopes
- 72226 - Caples silty clay loam, 0 to 3 percent slopes
- 72227 - Raught silt loam, 65 to 90 percent slopes
- 72228 - Reichel silt loam, 5 to 30 percent slopes
- 72232 - Riverwash
- 72233 - Rock outcrop-Rubble land complex
- 72234 - Rose Valley silt loam, 0 to 8 percent slopes
- 72235 - Rose Valley silt loam, 8 to 15 percent slopes
- 72236 - Salkum silt loam, 2 to 8 percent slopes
- 72237 - Salkum silt loam, 8 to 20 percent slopes
- 72238 - Salkum silt loam, 20 to 30 percent slopes
- 72239 - Sara silt loam, 0 to 8 percent slopes
- 72241 - Carrolls sand, flooded, 0 to 2 percent slopes
- 72242 - Sara silt loam, 8 to 15 percent slopes
- 72243 - Sara silt loam, 15 to 40 percent slopes
- 72244 - Sara silty clay loam, 0 to 8 percent slopes
- 72245 - Sarazan very gravelly silt loam, 5 to 30 percent slopes
- 72246 - Sarazan very gravelly silt loam, 30 to 65 percent slopes
- 72247 - Sauvola loam, 0 to 8 percent slopes
- 72248 - Sauvola loam, 8 to 15 percent slopes
- 72249 - Sauvola loam, 15 to 30 percent slopes
- 72250 - Schneider very gravelly loam, 5 to 30 percent slopes
- 72251 - Schneider very gravelly loam, 30 to 65 percent slopes
- 72253 - Carrolls loamy sand, 0 to 2 percent slopes
- 72254 - Schneider-Rock outcrop complex, 15 to 65 percent slopes
- 72255 - Schneider-Rock outcrop complex, 65 to 90 percent slopes
- 72256 - Seaquest silt loam, 0 to 8 percent slopes
- 72257 - Seaquest silt loam, 8 to 20 percent slopes
- 72259 - Seaquest silt loam, 20 to 30 percent slopes
- 72260 - Semiahmoo muck, 0 to 1 percent slopes
- 72261 - Siouxon very cobbly silt loam, 5 to 30 percent slopes
- 72262 - Siouxon very cobbly silt loam, 30 to 65 percent slopes
- 72263 - Siouxon-Rock outcrop complex, 65 to 90 percent slopes
- 72264 - Snohomish silty clay loam, 0 to 1 percent slopes
- 72265 - Andic Cryaquepts-Rock outcrop complex, 50 to 90 percent slopes
- 72267 - Carrolls fine sandy loam, overwash, 0 to 1 percent slopes
- 72268 - Solo gravelly loamy sand, 0 to 8 percent slopes
- 72269 - Speelyai gravelly loamy sand, 0 to 8 percent slopes
- 72270 - Speelyai gravelly loamy sand, 15 to 60 percent slopes
- 72271 - Spodic Cryosamments, 0 to 30 percent slopes
- 72272 - Stahl very gravelly silt loam, 30 to 65 percent slopes
- 72273 - Stahl-Reichel complex, 5 to 30 percent slopes
- 72274 - Stahl-Reichel complex, 30 to 65 percent slopes
- 72275 - Stahl-Rock outcrop complex, 30 to 75 percent slopes
- 72276 - Stella silt loam, 3 to 8 percent slopes
- 72277 - Stella silt loam, 8 to 15 percent slopes
- 72281 - Centralia silt loam, 0 to 8 percent slopes
- 72283 - Stella silt loam, 15 to 30 percent slopes
- 72285 - Studebaker very gravelly loamy sand, 0 to 20 percent slopes
- 72287 - Swem cobbly silt loam, 5 to 30 percent slopes
- 72289 - Swem cobbly silt loam, 30 to 65 percent slopes
- 72291 - Swift loamy sand, overblown, 30 to 65 percent slopes
- 72292 - Swift loamy sand, overblown, 65 to 90 percent slopes
- 72293 - Swift sandy loam, 5 to 30 percent slopes
- 72294 - Swift sandy loam, 30 to 65 percent slopes
- 72295 - Swift sandy loam, 65 to 90 percent slopes
- 72296 - Swift-Rock outcrop complex, 30 to 65 percent slopes
- 72299 - Centralia silt loam, 8 to 20 percent slopes
- 72300 - Swift-Rock outcrop complex, 65 to 90 percent slopes
- 72302 - Swift, overblown-Rock outcrop complex, 40 to 90 percent slopes
- 72306 - Vader loam, 5 to 30 percent slopes
- 72309 - Vader loam, 30 to 65 percent slopes
- 72314 - Vanson loamy sand, overblown, 5 to 30 percent slopes
- 72315 - Vanson loamy sand, overblown, 30 to 65 percent slopes
- 72316 - Vanson loamy sand, overblown, 65 to 90 percent slopes
- 72317 - Vanson loamy sand, till substratum, overblown, 5 to 30 percent slopes
- 72318 - Vanson loamy sand, till substratum, overblown, 30 to 65 percent slopes
- 72319 - Vanson sandy loam, 5 to 30 percent slopes
- 72320 - Centralia silt loam, 20 to 30 percent slopes
- 72322 - Vanson sandy loam, 30 to 65 percent slopes
- 72326 - Vanson cobbly sandy loam, 65 to 90 percent slopes
- 72328 - Vanson sandy loam, tuff substratum, 5 to 30 percent slopes
- 72331 - Vanson sandy loam, tuff substratum, 30 to 65 percent slopes
- 72332 - Vanson cobbly sandy loam, till substratum, 5 to 30 percent slopes
- 72333 - Vanson cobbly sandy loam, till substratum, 30 to 65 percent slopes
- 72334 - Vanson-Hatchet, loamy sands, overblown, 5 to 30 percent slopes
- 72335 - Vanson-Hatchet loamy sands, overblown, 30 to 65 percent slopes
- 72336 - Vanson-Hatchet loamy sands, overblown, 65 to 90 percent slopes
- 72337 - Vanson-Hatchet complex, 5 to 30 percent slopes
- 72338 - Cinebar loamy sand, overblown, 5 to 30 percent slopes
- 72340 - Vanson-Hatchet complex, 30 to 65 percent slopes
- 72343 - Vanson-Hatchet complex, 65 to 90 percent slopes
- 72346 - Vanson-Rock outcrop complex, 30 to 65 percent slopes
- 72349 - Vanson-Rock outcrop complex, 65 to 90 percent slopes
- 72351 - Vanson, overblown-Rock outcrop complex, 30 to 65 percent slopes
- 72361 - Vanson, overblown-Rock outcrop complex, 65 to 90 percent slopes
- 72363 - Voight silt loam, 5 to 30 percent slopes
- 72364 - Winston silt loam, 0 to 8 percent slopes
- 72365 - Wyant loam, 5 to 30 percent slopes
- 72370 - Wyant loam, 30 to 65 percent slopes
- 72373 - Cinebar silt loam, 0 to 5 percent slopes
- 72375 - Xana loamy sand, 5 to 30 percent slopes
- 72378 - Xana loamy sand, 30 to 65 percent slopes
- 72379 - Xeno silt loam, 5 to 30 percent slopes
- 72380 - Xeno silt loam, 30 to 65 percent slopes
- 72381 - Xerorthents, 50 to 90 percent slopes
- 72382 - Yalelake sandy loam, 5 to 30 percent slopes
- 72383 - Yalelake sandy loam, 30 to 65 percent slopes
- 72384 - Yalelake sandy loam, 65 to 90 percent slopes
- 72385 - Zenker silt loam, 30 to 65 percent slopes
- 72386 - Zenker silt loam, 65 to 90 percent slopes
- 72387 - Cinebar silt loam, 5 to 20 percent slopes
- 72389 - Zymer sandy loam, 30 to 65 percent slopes
- 72392 - Zymer-Rock outcrop complex, 65 to 90 percent slopes
- 72395 - Zynbar silt loam, 5 to 30 percent slopes
- 72397 - Cinebar silt loam, 20 to 30 percent slopes
- 72400 - Cinebar silt loam, 30 to 65 percent slopes
- 72407 - Cinnamon sandy loam, 5 to 30 percent slopes
- 72421 - Andic Cryumbrepts-Rock outcrop complex, 50 to 90 percent slopes
- 72423 - Cinnamon sandy loam, 30 to 65 percent slopes
- 72425 - Cinnamon sandy loam, 65 to 90 percent slopes
- 72431 - Clato silt loam, 0 to 3 percent slopes
- 72435 - Coweeman silt loam, 5 to 15 percent slopes
- 72440 - Coweeman silty clay loam, 3 to 30 percent slopes
- 72445 - Cowlitz very gravelly sand, 0 to 1 percent slopes
- 72448 - Cowlitz extremely gravelly sand, disturbed, 0 to 5 percent slopes
- 72452 - Cowlitz extremely gravelly sand, disturbed, 5 to 15 percent slopes
- 72457 - Cowlitz extremely gravelly sand, disturbed, 15 to 30 percent slopes
- 72473 - Delameter extremely gravelly loamy sand, 0 to 20 percent slopes
- 72476 - Andic Cryumbrepts, overblown-Rock outcrop complex, 50 to 90 percent slopes
- 72477 - Dobbs gravelly silt loam, 5 to 30 percent slopes
- 72482 - Dobbs gravelly silt loam, 30 to 65 percent slopes
- 72483 -
- 72488 - Domell sandy loam, 5 to 30 percent slopes
- 72498 - Domell sandy loam, 30 to 70 percent slopes
- 72499 - Domell stony sandy loam, 5 to 30 percent slopes
- 72500 - Domell stony sandy loam, 30 to 65 percent slopes
- 72508 - Edgewick silt loam, 0 to 3 percent slopes
- 72514 - Elkprairie loamy sand, 0 to 30 percent slopes
- 72516 - Elochoman silt loam, 5 to 30 percent slopes
- 72517 - Arents, 0 to 5 percent slopes
- 72519 - Ferteg silt loam, 0 to 8 percent slopes
- 72528 - Ferteg silt loam, 8 to 30 percent slopes
- 72534 - Forsyth very cobbly loamy sand, 0 to 30 percent slopes
- 72540 - Forsyth very cobbly loamy sand, 50 to 90 percent slopes
- 72546 - Germany silt loam, 0 to 8 percent slopes
- 72558 - Germany silt loam, 8 to 20 percent slopes
- 72560 - Germany silt loam, 20 to 30 percent slopes
- 72594 - Germany silt loam, 30 to 65 percent slopes
- 72600 - Germany silt loam, tuff substratum, 8 to 20 percent slopes
- 72620 - Germany silt loam, tuff substratum, 20 to 30 percent slopes
- 72622 - Astoria silt loam, 5 to 30 percent slopes
- 72623 - Germany silt loam, tuff substratum, 30 to 65 percent slopes
- 72637 - Gobar silt loam, 5 to 30 percent slopes
- 72651 - Gobar silt loam, 30 to 65 percent slopes
- 72653 - Gobar silt loam, 65 to 90 percent slopes
- 72656 - Gobar silt loam, 5 to 45 percent slopes, dissected
- 72663 - Godfrey silt loam, 0 to 3 percent slopes
- 72674 - Greenwater loamy sand, 8 to 45 percent slopes
- 72683 - Greenwater loamy sand, overblown, 0 to 8 percent slopes
- 72686 - Greenwater gravelly loamy sand, 0 to 8 percent slopes
- 72692 - Greenwater fine sandy loam, 0 to 8 percent slopes
- 72693 - Baumgard silt loam, 5 to 30 percent slopes
- 72694 - Hatchet loamy sand, overblown, 30 to 65 percent slopes
- 72695 - Hatchet loamy sand, overblown, 65 to 90 percent slopes
- 72708 - Hatchet very cobbly sandy loam, 30 to 65 percent slopes
- 72716 - Hatchet-Rock outcrop complex, 30 to 65 percent slopes
- 72718 - Hatchet-Rock outcrop complex, 65 to 90 percent slopes
- 72724 - Hatchet, overblown-Rock outcrop complex, 65 to 90 percent slopes
- 72732 - Hazeldell gravelly silt loam, 8 to 20 percent slopes
- 72741 - Hazeldell gravelly silt loam, 20 to 30 percent slopes
- 72742 - Hazeldell gravelly silt loam, 30 to 65 percent slopes
- 72743 - Hazeldell gravelly silt loam, tuff substratum, 5 to 30 percent slopes
- 72744 - Baumgard silt loam, 5 to 30 percent slopes
- 72745 - Hazeldell gravelly silt loam, tuff substratum, 30 to 65 percent slopes
- 72762 - Histic Cryaquepts, 0 to 1 percent slopes
- 72785 - Histic Humaquepts, 0 to 3 percent slopes
- 72793 - Hoffstadt loamy sand, overblown, 5 to 30 percent slopes
- 72794 - Hoffstadt loamy sand, overblown, 30 to 70 percent slopes
- 72847 - Hoffstadt very gravelly sandy loam, 5 to 30 percent slopes
- 72853 - Hoffstadt very gravelly sandy loam, 30 to 65 percent slopes
- 72859 - Hoffstadt-Rock outcrop complex, 30 to 65 percent slopes
- 72878 - Hoffstadt-Rock outcrop complex, 65 to 90 percent slopes
- 72882 - Hoffstadt, overblown-Rock outcrop complex, 30 to 65 percent slopes
- 72883 - Beigle silt loam, 5 to 30 percent slopes
- 72884 - Hoffstadt, overblown-Rock outcrop complex, 65 to 90 percent slopes
- 72888 - Jonas silt loam, 5 to 30 percent slopes
- 72894 - Jonas silt loam, 30 to 65 percent slopes
- 72895 - Kalama gravelly loam, 8 to 15 percent slopes
- 72896 - Kalama gravelly loam, 15 to 30 percent slopes
- 72903 - Kalama gravelly loam, 30 to 60 percent slopes
- 72904 - Katula very cobbly loam, 30 to 65 percent slopes
- 72908 - Katula very cobbly loam, 65 to 90 percent slopes
- 72909 - Katula-Bunker complex, 30 to 65 percent slopes
- 72917 - Katula-Bunker complex, 65 to 90 percent slopes
- 73055 - Water
- 736538 - Dam
- 736625 - Stimson silt loam
- 736626 - Chehalis silty clay
- 736627 - Cloquato silt loam
- 736628 - Klaber silt loam
- 736629 - Melbourne loam, 0 to 8 percent slopes
- 736630 - Wilkeson loam, 0 to 8 percent slopes
- 736631 - Wilkeson loam, 8 to 30 percent slopes

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Data sources:  
Cowlitz County, Natural Resources Conservation Service, Department of Ecology, The Watershed Company.



All features depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.