

C_NUM	C_TEXT	C_ALPHA
10000	Artificial surfaces and associated areas	1.
13000	Artificial surfaces with herbaceous dominant vegetation (25% to 96% vegetation cover)	1.hh.
13200	Artificial surfaces with perennial grasses	1.hh.CG.
13210	4% to 10% impervious cover with perennial grasses	1.hh.CG.i10.
13214	Dry prairie with 4-10% impervious cover	1.hh.CG.i10.cDP.
13212	Non-native dominated long grasses with 4-10% impervious cover	1.hh.CG.i10.cGL.
13211	Short grasses with 4-10% impervious cover	1.hh.CG.i10.cGS.
13213	Mesic prairie with 4-10% impervious cover	1.hh.CG.i10.cMP.
13220	11% to 25% impervious cover with perennial grasses	1.hh.CG.i25.
13224	Dry prairie with 11-25% impervious cover	1.hh.CG.i25.cDP.
13222	Non-native dominated long grasses with 11-25% impervious cover	1.hh.CG.i25.cGL.
13221	Short grasses with 11-25% impervious cover	1.hh.CG.i25.cGS.
13223	Mesic prairie with 11-25% impervious cover	1.hh.CG.i25.cMP.
13230	26% to 50% impervious cover with perennial grasses	1.hh.CG.i50.
13234	Dry prairie with 26-50% impervious cover	1.hh.CG.i50.cDP.
13232	Non-native dominated long grasses with 26-50% impervious cover	1.hh.CG.i50.cGL.
13231	Short grasses with 26-50% impervious cover	1.hh.CG.i50.cGS.
13233	Mesic prairie with 26-50% impervious cover	1.hh.CG.i50.cMP.
13240	51% to 75% impervious cover with perennial grasses	1.hh.CG.i75.
13244	Dry prairie with 51-75% impervious cover	1.hh.CG.i75.cDP.
13242	Non-native dominated long grasses with 51-75% impervious cover	1.hh.CG.i75.cGL.
13241	Short grasses with 51-75% impervious cover	1.hh.CG.i75.cGS.
13243	Mesic prairie with 51-75% impervious cover	1.hh.CG.i75.cMP.
13300	Artificial surfaces with cultivated herbaceous vegetation (Gardens)	1.hh.CN.
13310	4% to 10% impervious cover with cultivated herbaceous vegetation	1.hh.CN.i10.
13312	Forbs (flowers) with 4-10% impervious cover	1.hh.CN.i10.cFB.
13311	Vegetables with 4-10% impervious cover	1.hh.CN.i10.cVG.
13320	11% to 25% impervious cover with cultivated herbaceous vegetation	1.hh.CN.i25.
13322	Forbs (flowers) with 11-25% impervious cover	1.hh.CN.i25.cFB.
13321	Vegetables with 11-25% impervious cover	1.hh.CN.i25.cVG.
13330	26% to 50% impervious cover with cultivated herbaceous vegetation	1.hh.CN.i50.
13332	Forbs (flowers) with 26-50% impervious cover	1.hh.CN.i50.cFB.
13331	Vegetables with 26-50% impervious cover	1.hh.CN.i50.cVG.
13340	51% to 75% impervious cover with cultivated herbaceous vegetation	1.hh.CN.i75.
13342	Forbs (flowers)with 51-75% impervious cover	1.hh.CN.i75.cFB.
13341	Vegetables with 51-75% impervious cover	1.hh.CN.i75.cVG.
13100	Artificial surfaces with perennial grasses with sparse trees	1.hh.CT.
13110	4% to 10% impervious cover with perennial grasses and sparse trees	1.hh.CT.i10.
13113	Aspen openings with 4-10% impervious cover	1.hh.CT.i10.cAO.
13115	Long grasses and mixed trees with 4-10% impervious cover	1.hh.CT.i10.cGL.
13114	Short grasses and mixed trees with 4-10% impervious cover	1.hh.CT.i10.cGS.
13111	Jack pine barrens with 4-10% impervious cover	1.hh.CT.i10.cJB.
13112	Oak savanna with 4-10% impervious cover	1.hh.CT.i10.cOS.
13120	11% to 25% impervious cover with perennial grasses and sparse trees	1.hh.CT.i25.
13123	Aspen openings with 11-25% impervious cover	1.hh.CT.i25.cAO.
13125	Long grasses and mixed trees with 11-25% impervious cover	1.hh.CT.i25.cGL.
13124	Short grasses and mixed trees with 11-25% impervious cover	1.hh.CT.i25.cGS.
13121	Jack pine barrens with 11-25% impervious cover	1.hh.CT.i25.cJB.
13122	Oak savanna with 11-25% impervious cover	1.hh.CT.i25.cOS.
13130	26% to 50% impervious cover with perennial grasses and sparse trees	1.hh.CT.i50.
13133	Aspen openings with 26-50% impervious cover	1.hh.CT.i50.cAO.
13135	Long grasses and mixed trees with 26-50% impervious cover	1.hh.CT.i50.cGL.
13134	Short grasses and mixed trees with 26-50% impervious cover	1.hh.CT.i50.cGS.
13131	Jack pine barrens with 26-50% impervious cover	1.hh.CT.i50.cJB.
13132	Oak savanna with 26-50% impervious cover	1.hh.CT.i50.cOS.
13140	51% to 75% impervious cover with perennial grasses and sparse trees	1.hh.CT.i75.
13143	Aspen openings with 51-75% impervious cover	1.hh.CT.i75.cAO.
13145	Long grasses and mixed trees with 51-75% impervious cover	1.hh.CT.i75.cGL.
13144	Short grasses and mixed trees with 51-75% impervious cover	1.hh.CT.i75.cGS.

13141	Jack pine barrens with 51-75% impervious cover	1.hh.CT.i75.cJB.
13142	Oak savanna with 51-75% impervious cover	1.hh.CT.i75.cOS.
14000	Artificial surfaces with less than 25% vegetation cover	1.mv.
14100	Buildings and/or pavement	1.mv.BP.
14110	76% to 90% impervious cover	1.mv.BP.i90.
14111	Buildings with 76-90% impervious cover	1.mv.BP.i90.cBD.
14113	Buildings and pavement with 76-90% impervious cover	1.mv.BP.i90.cBP.
14112	Pavement with 76-90% impervious cover	1.mv.BP.i90.cPV.
14120	91% to 100% impervious cover	1.mv.BP.i99.
14121	Buildings with 91-100% impervious cover	1.mv.BP.i99.cBD.
14123	Buildings and pavement with 91-100% impervious cover	1.mv.BP.i99.cBP.
14122	Pavement with 91-100% impervious cover	1.mv.BP.i99.cPV.
14200	Exposed earth	1.mv.EE.
14210	0% to 10% impervious cover-exposed earth	1.mv.EE.e10.
14213	Landfill with 0-10% impervious cover	1.mv.EE.e10.cLF.
14211	Mines with 0-10% impervious cover	1.mv.EE.e10.cMN.
14214	Other exposed/transitional land with 0-10% impervious cover	1.mv.EE.e10.cOE.
14212	Sand and gravel pits with 0-10% impervious cover	1.mv.EE.e10.cSG.
14220	11% to 25% impervious cover-exposed earth	1.mv.EE.e25.
14223	Landfill with 11-25% impervious cover	1.mv.EE.e25.cLF.
14221	Mines with 11-25% impervious cover	1.mv.EE.e25.cMN.
14224	Other exposed/transitional land with 11-25% impervious cover	1.mv.EE.e25.cOE.
14222	Sand and gravel pits with 11-25% impervious cover	1.mv.EE.e25.cSG.
14230	26% to 50% impervious cover-exposed earth	1.mv.EE.e50.
14233	Landfill with 26-50% impervious cover	1.mv.EE.e50.cLF.
14231	Mines with 26-50% impervious cover	1.mv.EE.e50.cMN.
14234	Other exposed/transitional land with 26-50% impervious cover.	1.mv.EE.e50.cOE.
14232	Sand and gravel pits with 26-50% impervious cover	1.mv.EE.e50.cSG.
12000	Artificial surfaces with coniferous and/or deciduous shrub dominant vegetation (25% to 96%)	1.ss.
12200	Artificial surfaces with coniferous and/or deciduous shrubs with sparse trees	1.ss.CE.
12210	4% to 10% impervious cover with coniferous and/or deciduous shrubs and sparse trees	1.ss.CE.i10.
12212	Other coniferous and/or deciduous shrubs and trees with 4-10% impervious cover	1.ss.CE.i10.cOR.
12211	Oak woodland brushland with 4-10% impervious cover	1.ss.CE.i10.cOW.
12220	11% to 25% impervious cover with coniferous and/or deciduous shrubs and sparse trees	1.ss.CE.i25.
12222	Other coniferous and/or deciduous shrubs and trees with 11-25% impervious cover	1.ss.CE.i25.cOR.
12221	Oak woodland brushland with 11-25% impervious cover	1.ss.CE.i25.cOW.
12230	26% to 50% impervious cover with coniferous and/or deciduous shrubs and sparse trees	1.ss.CE.i50.
12232	Other coniferous and/or deciduous shrubs and trees with 26-50% impervious cover	1.ss.CE.i50.cOR.
12231	Oak woodland brushland with 26-50% impervious cover	1.ss.CE.i50.cOW.
12240	51% to 75% impervious cover with coniferous and/or deciduous shrubs and sparse trees	1.ss.CE.i75.
12242	Other coniferous and/or deciduous shrubs and trees with 51-75% impervious cover	1.ss.CE.i75.cOR.
12241	Oak Woodland brushland with 51-75% impervious cover	1.ss.CE.i75.cOW.
12100	Artificial surfaces with coniferous and/or deciduous shrubs	1.ss.CS.
12110	4% to 10% impervious cover with coniferous and/or deciduous shrubs	1.ss.CS.i10.
12112	Long grasses with planted coniferous and/or deciduous shrubs, 4-10% impervious cover	1.ss.CS.i10.cGL.
12111	Short grasses with planted coniferous and/or deciduous shrubs, 4-10% impervious cover	1.ss.CS.i10.cGS.
12113	Other coniferous and/or deciduous shrubs with 4-10% impervious cover	1.ss.CS.i10.cOB.
12120	11% to 25% impervious cover with coniferous and/or deciduous shrubs	1.ss.CS.i25.
12122	Long grasses with planted coniferous and/or deciduous shrubs, 11-25% impervious cover	1.ss.CS.i25.cGL.
12121	Short grasses with planted coniferous and/or deciduous shrubs, 11-25% impervious cover	1.ss.CS.i25.cGS.
12123	Other coniferous and/or deciduous shrubs, 11-25% impervious cover	1.ss.CS.i25.cOB.
12130	26% to 50% impervious cover with coniferous and/or deciduous shrubs	1.ss.CS.i50.
12132	Long grasses with planted coniferous and/or deciduous shrubs, 26-50% impervious cover	1.ss.CS.i50.cGL.
12131	Short grasses with planted coniferous and/or deciduous shrubs, 26-50% impervious cover	1.ss.CS.i50.cGS.
12133	Other coniferous and/or deciduous shrubs, 26-50% impervious cover	1.ss.CS.i50.cOB.
12140	51% to 75% impervious cover with coniferous and/or deciduous shrubs	1.ss.CS.i75.
12142	Long grasses with planted coniferous and/or deciduous shrubs, 51-75% impervious cover	1.ss.CS.i75.cGL.
12141	Short grasses with planted coniferous and/or deciduous shrubs, 51-75% impervious cover	1.ss.CS.i75.cGS.
12143	Other coniferous and/or deciduous shrubs, 51-75% impervious cover	1.ss.CS.i75.cOB.
11000	Artificial surfaces with trees as the dominant vegetation cover	1.tt.

11100	Artificial surfaces with coniferous trees	1.tt.CC.
11110	4% to 10% impervious cover with coniferous trees	1.tt.CC.i10.
11111	Jack pine (forest or woodland) with 4-10% impervious cover	1.tt.CC.i10.cJP.
11115	Northern conifer (woodland) with 4-10% impervious cover	1.tt.CC.i10.cNW.
11119	Other planted conifers with 4-10% impervious cover	1.tt.CC.i10.cPC.
11116	Planted red pine with 4-10% impervious cover	1.tt.CC.i10.cPR.
11118	Planted spruce/fir with 4-10% impervious cover	1.tt.CC.i10.cPS.
11117	Planted white pine with 4-10% impervious cover	1.tt.CC.i10.cPW.
11114	Eastern red cedar (woodland) with 4-10% impervious cover	1.tt.CC.i10.cRC.
11113	Spruce-fir (forest) with 4-10% impervious cover	1.tt.CC.i10.cSF.
11112	White/red pine (forest) with 4-10% impervious cover	1.tt.CC.i10.cWF.
11120	11% to 25% impervious cover with coniferous trees	1.tt.CC.i25.
11121	Jack pine (forest or woodland) with 11- 25% impervious cover	1.tt.CC.i25.cJP.
11125	Northern conifer (woodland) with 11- 25% impervious cover	1.tt.CC.i25.cNW.
11129	Other planted conifers with 11- 25% impervious cover	1.tt.CC.i25.cPC.
11126	Planted red pine with 11- 25% impervious cover	1.tt.CC.i25.cPR.
11128	Planted spruce/fir with 11- 25% impervious cover	1.tt.CC.i25.cPS.
11127	Planted white pine with 11- 25% impervious cover	1.tt.CC.i25.cPW.
11124	Eastern red cedar (woodland) with 11- 25% impervious cover	1.tt.CC.i25.cRC.
11123	Spruce-fir (forest) with 11- 25% impervious cover	1.tt.CC.i25.cSF.
11122	White/red pine (forest) with 11- 25% impervious cover	1.tt.CC.i25.cWF.
11130	26% to 50% impervious cover with coniferous trees	1.tt.CC.i50.
11131	Jack pine (forest or woodland) with 26-50% impervious cover	1.tt.CC.i50.cJP.
11135	Northern conifer (woodland) with 26-50% impervious cover	1.tt.CC.i50.cNW.
11139	Other planted conifers with 26-50% impervious cover	1.tt.CC.i50.cPC.
11136	Planted red pine with 26-50% impervious cover	1.tt.CC.i50.cPR.
11138	Planted spruce/fir with 26-50% impervious cover	1.tt.CC.i50.cPS.
11137	Planted white pine with 26-50% impervious cover	1.tt.CC.i50.cPW.
11134	Eastern red cedar (woodland) with 26-50% impervious cover	1.tt.CC.i50.cRC.
11133	Spruce-fir (forest) with 26-50% impervious cover	1.tt.CC.i50.cSF.
11132	White/red pine (forest) with 26-50% impervious cover	1.tt.CC.i50.cWF.
11140	51% to 75% impervious cover with coniferous trees	1.tt.CC.i75.
11141	Jack pine (forest or woodland) with 51-75% impervious cover	1.tt.CC.i75.cJP.
11145	Northern conifer (woodland) with 51-75% impervious cover	1.tt.CC.i75.cNW.
11149	Other planted conifers with 51-75% impervious cover	1.tt.CC.i75.cPC.
11146	Planted red pine with 51-75% impervious cover	1.tt.CC.i75.cPR.
11148	Planted spruce/fir with 51-75% impervious cover	1.tt.CC.i75.cPS.
11147	Planted white pine with 51-75% impervious cover	1.tt.CC.i75.cPW.
11144	Eastern red cedar (woodland) with 51-75% impervious cover	1.tt.CC.i75.cRC.
11143	Spruce-fir (forest) with 51-75% impervious cover	1.tt.CC.i75.cSF.
11142	White/red pine (forest) with 51-75% impervious cover	1.tt.CC.i75.cWF.
11200	Artificial surfaces with deciduous tree cover	1.tt.CD.
11210	4% to 10% impervious cover with deciduous trees	1.tt.CD.i10.
11215	Aspen-birch (forest) with 4-10% impervious cover	1.tt.CD.i10.cAB.
11216	Aspen (forest, woodland) with 4-10% impervious cover	1.tt.CD.i10.cAF.
11214	Boxelder-green ash (forest) with 4-10% impervious cover	1.tt.CD.i10.cBG.
11213	Maple-basswood (forest) with 4-10% impervious cover	1.tt.CD.i10.cMB.
11212	Northern hardwood (forest) with 4-10% impervious cover	1.tt.CD.i10.cNH.
11211	Oak (forest or woodland) with 4-10% impervious cover	1.tt.CD.i10.cOA.
11217	Planted ash with 4-10% impervious cover	1.tt.CD.i10.cPA.
11219	Other deciduous trees with 4-10% impervious cover	1.tt.CD.i10.cPD.
11218	Planted oak with 4-10% impervious cover	1.tt.CD.i10.cPO.
11220	11% to 25% impervious cover with deciduous trees	1.tt.CD.i25.
11225	Aspen-birch (forest) with 11- 25% impervious cover	1.tt.CD.i25.cAB.
11226	Aspen (forest, woodland) with 11- 25% impervious cover	1.tt.CD.i25.cAF.
11224	Boxelder-green ash (forest) with 11- 25% impervious cover	1.tt.CD.i25.cBG.
11223	Maple-basswood (forest) with 11- 25% impervious cover	1.tt.CD.i25.cMB.
11222	Northern hardwood (forest) with 11- 25% impervious cover	1.tt.CD.i25.cNH.
11221	Oak (forest or woodland) with 11- 25% impervious cover	1.tt.CD.i25.cOA.
11227	Planted ash with 11- 25% impervious cover	1.tt.CD.i25.cPA.

11229	Other deciduous trees with 11- 25% impervious cover	1.tt.CD.i25.cPD.
11228	Planted oak with 11- 25% impervious cover	1.tt.CD.i25.cPO.
11230	26% to 50% impervious cover with deciduous trees	1.tt.CD.i50.
11235	Aspen-birch (forest) with 26-50% impervious cover	1.tt.CD.i50.cAB.
11236	Aspen (forest, woodland) with 26-50% impervious cover	1.tt.CD.i50.cAF.
11234	Boxelder-green ash (forest) with 26-50% impervious cover	1.tt.CD.i50.cBG.
11233	Maple-basswood (forest) with 26-50% impervious cover	1.tt.CD.i50.cMB.
11232	Northern hardwood (forest) with 26-50% impervious cover	1.tt.CD.i50.cNH.
11231	Oak (forest or woodland) with 26-50% impervious cover	1.tt.CD.i50.cOA.
11237	Planted ash with 26-50% impervious cover	1.tt.CD.i50.cPA.
11239	Other deciduous trees with 26-50% impervious cover	1.tt.CD.i50.cPD.
11238	Planted oak with 26-50% impervious cover	1.tt.CD.i50.cPO.
11240	51% to 75% impervious cover with deciduous trees	1.tt.CD.i75.
11245	Aspen-birch (forest) with 51-75% impervious cover	1.tt.CD.i75.cAB.
11246	Aspen (forest, woodland) with 51-75% impervious cover	1.tt.CD.i75.cAF.
11244	Boxelder-green ash (forest) with 51-75% impervious cover	1.tt.CD.i75.cBG.
11243	Maple-basswood (forest) with 51-75% impervious cover	1.tt.CD.i75.cMB.
11242	Northern hardwood (forest) with 51-75% impervious cover	1.tt.CD.i75.cNH.
11241	Oak (forest or woodland) with 51-75% impervious cover	1.tt.CD.i75.cOA.
11247	Planted ash with 51-75% impervious cover	1.tt.CD.i75.cPA.
11249	Other deciduous trees with 51-75% impervious cover	1.tt.CD.i75.cPD.
11248	Planted oak with 51-75% impervious cover	1.tt.CD.i75.cPO.
11300	Artificial surfaces with mixed coniferous and deciduous tree cover	1.tt.CM.
11310	4% to 10% impervious cover with mixed coniferous/deciduous trees	1.tt.CM.i10.
11311	Mixed pine-hardwood (forest) with 4-10% impervious cover	1.tt.CM.i10.cMF.
11313	Northern hardwood-conifer (forest) with 4-10% impervious cover	1.tt.CM.i10.cNF.
11314	Planted mixed coniferous/deciduous trees with 4-10% impervious cover	1.tt.CM.i10.cPM.
11312	White pine-hardwood (forest) with 4-10% impervious cover	1.tt.CM.i10.cWH.
11320	11% to 25% impervious cover with mixed coniferous/deciduous trees	1.tt.CM.i25.
11321	Mixed pine-hardwood (forest) with 11-25% impervious cover	1.tt.CM.i25.cMF.
11323	Northern hardwood-conifer (forest) with 11-25% impervious cover	1.tt.CM.i25.cNF.
11324	Planted mixed coniferous/deciduous trees with 11-25% impervious cover	1.tt.CM.i25.cPM.
11322	White pine-hardwood (forest) with 11-25% impervious cover	1.tt.CM.i25.cWH.
11330	26% to 50% impervious cover with mixed coniferous/deciduous trees	1.tt.CM.i50.
11331	Mixed pine-hardwood (forest) with 26-50% impervious cover	1.tt.CM.i50.cMF.
11333	Northern hardwood-conifer (forest) with 26-50% impervious cover	1.tt.CM.i50.cNF.
11334	Planted mixed coniferous/deciduous trees with 26-50% impervious cover	1.tt.CM.i50.cPM.
11332	White pine-hardwood (forest) with 26-50% impervious cover	1.tt.CM.i50.cWH.
11340	51% to 75% impervious cover with mixed coniferous/deciduous trees	1.tt.CM.i75.
11341	Mixed pine-hardwood (forest) with 51-75% impervious cover	1.tt.CM.i75.cMF.
11343	Northern hardwood-conifer (forest) with 51-75% impervious cover	1.tt.CM.i75.cNF.
11344	Planted mixed coniferous/deciduous trees with 51-75% impervious cover	1.tt.CM.i75.cPM.
11342	White pine-hardwood (forest) with 51-75% impervious cover	1.tt.CM.i75.cWH.
20000	Planted or Cultivated Vegetation (greater than 96% vegetation cover)	2.
24000	Cultivated herbaceous vegetation	2.ch.
24200	Close grown or solid seeded cropland	2.ch.GN.
24230	Artificially flooded or saturated soils - close grown cropland	2.ch.GN.pFL.
24231	Rice	2.ch.GN.pFL.cRI.
24220	Hydric soils - close grown cropland	2.ch.GN.pHS.
24224	Barley on hydric soils	2.ch.GN.pHS.cBA.
24227	Fallow hydric soils	2.ch.GN.pHS.cFW.
24228	Hayfield on hydric soils	2.ch.GN.pHS.cHF.
24226	Not planted on hydric soils	2.ch.GN.pHS.cNP.
24229	All other close grown cropland on hydric soils	2.ch.GN.pHS.cOC.
24222	Oats on hydric soils	2.ch.GN.pHS.cOT.
24223	Rice on hydric soils	2.ch.GN.pHS.cRI.
24225	Sod on hydric soils	2.ch.GN.pHS.cSD.
24221	Wheat on hydric soils	2.ch.GN.pHS.cWT.
24210	Upland soils - close grown cropland	2.ch.GN.pUS.
24213	Barley	2.ch.GN.pUS.cBA.

24216	Fallow	2.ch.GN.pUS.cFW.
24217	Hayfield	2.ch.GN.pUS.cHF.
24215	Not planted	2.ch.GN.pUS.cNP.
24218	All other close grown cropland on upland soils	2.ch.GN.pUS.cOC.
24212	Oats	2.ch.GN.pUS.cOT.
24214	Sod	2.ch.GN.pUS.cSD.
24211	Wheat	2.ch.GN.pUS.cWT.
24100	Row cropland	2.ch.RC.
24120	Hydric soils - row cropland	2.ch.RC.pHS.
24121	Beans (all types except soybeans) on hydric soils	2.ch.RC.pHS.cBN.
24122	Corn on hydric soils	2.ch.RC.pHS.cCO.
24129	Other vegetable and truck crops on hydric soils	2.ch.RC.pHS.cOV.
24127	Pumpkins on hydric soils	2.ch.RC.pHS.cPK.
24126	Potato on hydric soils	2.ch.RC.pHS.cPP.
24124	Soybeans on hydric soils	2.ch.RC.pHS.cSB.
24128	Sunflowers on hydric soils	2.ch.RC.pHS.cSF.
24123	Sorghum on hydric soils	2.ch.RC.pHS.cSG.
24125	Sugar beets on hydric soils	2.ch.RC.pHS.cST.
24110	Upland soils - cropland	2.ch.RC.pUS.
24111	Beans (all types except soybeans)	2.ch.RC.pUS.cBN.
24112	Corn	2.ch.RC.pUS.cCO.
24119	Other vegetable and truck crops	2.ch.RC.pUS.cOV.
24117	Pumpkins	2.ch.RC.pUS.cPK.
24116	Potato	2.ch.RC.pUS.cPP.
24114	Soybeans	2.ch.RC.pUS.cSB.
24118	Sunflowers	2.ch.RC.pUS.cSF.
24113	Sorghum	2.ch.RC.pUS.cSG.
24115	Sugar beets	2.ch.RC.pUS.cST.
23000	Planted or maintained herbaceous vegetation	2.ph.
23300	Planted or maintained grasses and forbs	2.ph.CF.
23320	Hydric soils with planted grasses and forbs	2.ph.CF.pHS.
23322	Long grasses and forbs on hydric soils	2.ph.CF.pHS.cGL.
23321	Short grasses and forbs on hydric soils	2.ph.CF.pHS.cGS.
23310	Upland soils with planted or maintained grasses and forbs	2.ph.CF.pUS.
23312	Long grasses and forbs on upland soils	2.ph.CF.pUS.cGL.
23311	Short grasses and forbs on upland soils	2.ph.CF.pUS.cGS.
23200	Planted or maintained grasses	2.ph.CG.
23220	Hydric soils with planted or maintained grasses	2.ph.CG.pHS.
23222	Long grasses on hydric soils	2.ph.CG.pHS.cGL.
23221	Short grasses on hydric soils	2.ph.CG.pHS.cGS.
23210	Upland soils with planted or maintained grasses	2.ph.CG.pUS.
23212	Long grasses on upland soils	2.ph.CG.pUS.cGL.
23211	Short grasses on upland soils	2.ph.CG.pUS.cGS.
23100	Planted or maintained grasses with sparse tree cover	2.ph.CT.
23120	Hydric soils with planted or maintained grasses and sparse tree cover	2.ph.CT.pHS.
23122	Long grasses with sparse tree cover on hydric soils	2.ph.CT.pHS.cGL.
23121	Short grasses with sparse tree cover on hydric soils	2.ph.CT.pHS.cGS.
23110	Upland soils with planted or maintained grasses and sparse tree cover	2.ph.CT.pUS.
23112	Long grasses with sparse tree cover on upland soils	2.ph.CT.pUS.cGL.
23111	Short grasses with sparse tree cover on upland soils	2.ph.CT.pUS.cGS.
22000	Planted, maintained or cultivated shrub and/or vine vegetation	2.sv.
22100	Planted, maintained or cultivated coniferous shrubs	2.sv.CB.
22120	Hydric soils with planted, maintained or cultivated coniferous shrubs	2.sv.CB.pHS.
22110	Upland soils with planted, maintained or cultivated coniferous shrubs	2.sv.CB.pUS.
22200	Planted, maintained or cultivated deciduous shrub/vine vegetation	2.sv.CO.
22220	Artificially flooded or saturated soils	2.sv.CO.pFL.
22221	Cranberry	2.sv.CO.pFL.cCB.
22210	Upland soils with planted, maintained or cultivated deciduous shrub/vine vegetation	2.sv.CO.pUS.
22211	Blackberry	2.sv.CO.pUS.cBB.
22212	Blueberry	2.sv.CO.pUS.cBL.

22213	Grape	2.sv.CO.pUS.cGP.
22216	Other shrub/vine vegetation	2.sv.CO.pUS.cOX.
22214	Raspberry-black	2.sv.CO.pUS.cRB.
22215	Raspberry-red	2.sv.CO.pUS.cRR.
22300	Planted, maintained or cultivated mixed coniferous-deciduous shrub/vine vegetation	2.sv.CS.
22320	Hydric soils with planted, maintained or cultivated mixed coniferous-deciduous shrub/vine	2.sv.CS.pHS.
22310	Upland soils with planted, maintained or cultivated mixed coniferous-deciduous shrub/vine	2.sv.CS.pUS.
21000	Planted, maintained or cultivated tree vegetation	2.tt.
21100	Planted, maintained or cultivated coniferous trees	2.tt.CC.
21110	Upland soils with planted, maintained, or cultivated coniferous trees	2.tt.CC.pUS.
21114	Coniferous trees on upland soils	2.tt.CC.pUS.cPC.
21113	Red pine trees on upland soils	2.tt.CC.pUS.cPR.
21111	Spruce/fir trees on upland soils	2.tt.CC.pUS.cPS.
21112	White pine trees on upland soils	2.tt.CC.pUS.cPW.
21200	Planted, maintained or cultivated deciduous trees	2.tt.CD.
21210	Upland soils with planted, maintained or cultivated deciduous trees	2.tt.CD.pUS.
21213	Deciduous trees on upland soils	2.tt.CD.pUS.cPD.
21211	Fruit trees (apple, cherry, plum, etc) on upland soils	2.tt.CD.pUS.cPF.
21212	Walnut trees on upland soils	2.tt.CD.pUS.cPT.
21300	Planted, maintained or cultivated mixed coniferous and deciduous trees	2.tt.CM.
21320	Hydric soils with planted, maintained or cultivated mixed coniferous/deciduous trees	2.tt.CM.pHS.
21310	Upland soils with planted, maintained or cultivated mixed coniferous/deciduous trees	2.tt.CM.pUS.
30000	Forests	3.
33000	Mixed coniferous-deciduous forest	3.cd.
33100	Upland mixed coniferous-deciduous forest	3.cd.UP.
33120	Boreal hardwood-conifer forest	3.cd.UP.nBF.
33110	Mixed pine-hardwood forest	3.cd.UP.nMF.
33130	Northern hardwood-conifer forest	3.cd.UP.nNF.
33131	Northern hardwood-conifer forest yellow birch-white cedar subtype	3.cd.UP.nNF.nNY.
33140	White pine-hardwood forest	3.cd.UP.nWH.
33141	White pine-hardwood forest dry subtype	3.cd.UP.nWH.nWD.
33142	White pine-hardwood forest mesic subtype	3.cd.UP.nWH.nWE.
31000	Coniferous forest	3.ce.
31100	Upland coniferous forest	3.ce.UP.
31110	Black spruce-feathermoss forest	3.ce.UP.nBL.
31120	Jack pine forest	3.ce.UP.nJP.
31121	Jack pine forest jack pine-fir subtype	3.ce.UP.nJP.nJF.
31122	Jack pine forest hazel subtype	3.ce.UP.nJP.nJH.
31123	Jack pine forest jack pine-oak subtype	3.ce.UP.nJP.nJO.
31124	Jack pine forest jack pine-black spruce subtype	3.ce.UP.nJP.nJS.
31125	Jack pine forest blueberry subtype	3.ce.UP.nJP.nJY.
31130	Red pine forest	3.ce.UP.nRP.
31160	Spruce-fir forest	3.ce.UP.nSF.
31161	Spruce-fir forest white spruce-balsam fir subtype	3.ce.UP.nSF.nSB.
31162	Spruce-fir forest fir-birch subtype	3.ce.UP.nSF.nSI.
31150	Upland white cedar forest	3.ce.UP.nUW.
31151	Upland white cedar forest wet-mesic subtype	3.ce.UP.nUW.nUE.
31152	Upland white cedar forest mesic subtype	3.ce.UP.nUW.nUM.
31140	White pine forest	3.ce.UP.nWF.
31200	Saturated coniferous forest	3.ce.WB.
31240	Black spruce bog	3.ce.WB.nBB.
31241	Black spruce bog intermediate subtype	3.ce.WB.nBB.nBI.
31242	Black spruce bog raised subtype	3.ce.WB.nBB.nBR.
31230	Black spruce swamp	3.ce.WB.nBS.
31210	Tamarack swamp	3.ce.WB.nTS.
31211	Tamarack swamp seepage subtype	3.ce.WB.nTS.nTE.
31212	Tamarack swamp minerotrophic subtype	3.ce.WB.nTS.nTM.
31213	Tamarack swamp sphagnum subtype	3.ce.WB.nTS.nTP.
31220	White cedar swamp	3.ce.WB.nWC.
31221	White cedar swamp seepage subtype	3.ce.WB.nWC.nWT.

32000	Deciduous forest	3.de.
32100	Upland deciduous forest	3.de.UP.
32140	Aspen-birch forest	3.de.UP.nAB.
32141	Aspen-birch forest northern hardwoods subtype	3.de.UP.nAB.nAN.
32142	Aspen-birch forest spruce-fir subtype	3.de.UP.nAB.nAU.
32160	Aspen forest	3.de.UP.nAF.
32170	Altered/non-native deciduous forest	3.de.UP.nAT.
32150	Maple-basswood forest	3.de.UP.nMB.
32120	Northern hardwood forest	3.de.UP.nNH.
32110	Oak forest	3.de.UP.nOA.
32113	Oak forest dry subtype	3.de.UP.nOA.nOD.
32111	Oak forest red maple subtype	3.de.UP.nOA.nOL.
32112	Oak forest mesic subtype	3.de.UP.nOA.nOM.
32130	Paper birch forest	3.de.UP.nPB.
32131	Paper birch forest northern hardwoods subtype	3.de.UP.nPB.nPN.
32132	Paper birch forest spruce-fir subtype	3.de.UP.nPB.nPS.
32200	Temporarily flooded deciduous forest	3.de.WA.
32230	Aspen forest - temporarily flooded	3.de.WA.nAF.
32240	Altered/non-native temporarily flooded deciduous forest	3.de.WA.nAT.
32210	Floodplain forest	3.de.WA.nFF.
32211	Floodplain forest silver maple subtype	3.de.WA.nFF.nFM.
32212	Floodplain forest swamp white oak subtype	3.de.WA.nFF.nFO.
32220	Lowland hardwood forest	3.de.WA.nLH.
32300	Saturated deciduous forest	3.de.WB.
32330	Aspen forest - saturated soils	3.de.WB.nAF.
32340	Altered/non-native saturated soils deciduous forest	3.de.WB.nAT.
32310	Black ash swamp	3.de.WB.nBA.
32311	Black ash swamp seepage subtype	3.de.WB.nBA.nBE.
32320	Mixed hardwood swamp	3.de.WB.nMH.
32321	Mixed hardwood swamp seepage subtype	3.de.WB.nMH.nMS.
32400	Seasonally flooded deciduous forest	3.de.WC.
32430	Altered/non-native seasonally flooded deciduous forest	3.de.WC.nAT.
32410	Black ash swamp - seasonally flooded	3.de.WC.nBA.
32420	Mixed hardwood swamp - seasonally flooded	3.de.WC.nMH.
40000	Woodland	4.
43000	Mixed coniferous-deciduous woodland	4.cd.
43100	Upland mixed coniferous-deciduous woodland	4.cd.UP.
43110	Altered/non-native mixed woodland	4.cd.UP.nAT.
41000	Coniferous woodland	4.ce.
41100	Upland coniferous woodland	4.ce.UP.
41110	Jack pine woodland	4.ce.UP.nJW.
41120	Northern conifer woodland	4.ce.UP.nNW.
41130	Eastern Red Cedar woodland	4.ce.UP.nRC.
42000	Deciduous woodland	4.de.
42100	Upland deciduous woodland	4.de.UP.
42130	Altered/non-native deciduous woodland	4.de.UP.nAT.
42110	Aspen woodland	4.de.UP.nAW.
42120	Oak woodland-brushland	4.de.UP.nOW.
42200	Temporarily flooded deciduous woodland	4.de.WA.
42210	Altered/non-native deciduous woodland - temporarily flooded	4.de.WA.nAT.
42300	Saturated deciduous woodland	4.de.WB.
42310	Altered/non-native deciduous woodland - saturated	4.de.WB.nAT.
42400	Seasonally flooded deciduous woodland	4.de.WC.
42410	Altered/non-native deciduous woodland - seasonally flooded	4.de.WC.nAT.
50000	Shrubland	5.
51000	Coniferous / evergreen shrubland	5.ce.
51100	Saturated needle-leaved or microphyllous evergreen	5.ce.WB.
51110	Open sphagnum bog	5.ce.WB.nOB.
51111	Open sphagnum bog intermediate subtype	5.ce.WB.nOB.nOI.
51112	Open sphagnum bog raised subtype	5.ce.WB.nOB.nOR.

51120	Scrub tamarack poor fen	5.ce.WB.nPT.
52000	Deciduous shrubland	5.de.
52100	Upland deciduous shrubland	5.de.UP.
52130	Altered/non-native dominated upland shrubland	5.de.UP.nAT.
52110	Mesic brush-prairie	5.de.UP.nMR.
52111	Mesic brush-prairie sand-gravel subtype	5.de.UP.nMR.nMG.
52120	Native dominated disturbed upland shrubland	5.de.UP.nNT.
52200	Temporarily flooded deciduous woodland	5.de.WA.
52220	Altered/non-native dominated temporarily flooded shrubland	5.de.WA.nAT.
52230	Birch bog, spiraea temporarily flooded shrubland	5.de.WA.nBH.
52210	Native dominated temporarily flooded shrubland	5.de.WA.nNT.
52300	Saturated deciduous shrubland	5.de.WB.
52350	Alder swamp - saturated soils	5.de.WB.nAS.
52330	Altered/non-native dominated saturated shrubland	5.de.WB.nAT.
52380	Birch bog, spiraea shrubland - saturated soils	5.de.WB.nBH.
52310	Shrub fen	5.de.WB.nSN.
52312	Rich fen shrub subtype	5.de.WB.nSN.nPH.
52311	Poor fen shrub subtype	5.de.WB.nSN.nRH.
52340	Shrub swamp seepage subtype	5.de.WB.nSS.
52320	Wet brush-prairie	5.de.WB.nWB.
52321	Wet brush-prairie seepage subtype	5.de.WB.nWB.nWG.
52360	Willow swamp - saturated soils	5.de.WB.nWI.
52370	Wet meadow shrub subtype - saturated soils	5.de.WB.nWR.
52400	Seasonally flooded deciduous shrubland	5.de.WC.
52410	Alder swamp	5.de.WC.nAS.
52440	Altered/non-native dominated seasonally flooded shrubland	5.de.WC.nAT.
52450	Birch bog, spiraea shrubland - seasonally flooded	5.de.WC.nBH.
52430	Willow swamp	5.de.WC.nWI.
52420	Wet meadow shrub subtype	5.de.WC.nWR.
52500	Semipermanently flooded deciduous shrubland	5.de.WF.
52540	Altered/non-native dominated semipermanently flooded shrubland	5.de.WF.nAT.
52530	Birch bog, spiraea shrubland - semipermanently flooded	5.de.WF.nBH.
52520	Willow swamp - semipermanently flooded	5.de.WF.nWI.
52510	Wet meadow shrub - semipermanently flooded	5.de.WF.nWR.
60000	Herbaceous	6.
65000	Annual grasslands or forb vegetation	6.ag.
65100	Seasonally flooded annual forb vegetation	6.ag.WC.
65110	Slender glasswort saline meadow	6.ag.WC.nSG.
61000	Grassland or emergent vegetation	6.ge.
61200	Medium-tall grassland	6.ge.MG.
61220	Medium-tall grass altered/non-native dominated grassland	6.ge.MG.nAT.
61210	Dry prairie	6.ge.MG.nDP.
61211	Dry prairie barrens subtype	6.ge.MG.nDP.nDA.
61212	Dry prairie bedrock bluff subtype	6.ge.MG.nDP.nDB.
61213	Dry prairie sand-gravel subtype	6.ge.MG.nDP.nDG.
61214	Dry prairie hill subtype	6.ge.MG.nDP.nDH.
61100	Tall grassland	6.ge.TG.
61120	Tall grass altered/non-native dominated grassland	6.ge.TG.nAT.
61110	Mesic prairie	6.ge.TG.nMP.
61111	Mesic prairie carbonate bedrock subtype	6.ge.TG.nMP.nMA.
61112	Mesic prairie crystalline bedrock subtype	6.ge.TG.nMP.nMY.
61300	Temporarily flooded graminoid vegetation	6.ge.WA.
61330	Temporarily flooded altered/non-native dominated grassland	6.ge.WA.nAT.
61340	Cattail marsh - temporarily flooded	6.ge.WA.nCM.
61320	Wet meadow - temporarily flooded soils	6.ge.WA.nWM.
61310	Wet prairie	6.ge.WA.nWP.
61311	Wet prairie saline subtype	6.ge.WA.nWP.nWA.
61400	Saturated graminoid vegetation	6.ge.WB.
61480	Saturated altered/non-native dominated graminoid vegetation	6.ge.WB.nAT.
61440	Calcareous seepage fen	6.ge.WB.nCF.



61441	Calcareous seepage fen boreal subtype	6.ge.WB.nCF.nCB.
61442	Calcareous seepage fen prairie subtype	6.ge.WB.nCF.nCP.
61430	Cattail marsh - saturated soils	6.ge.WB.nCM.
61470	Open bog	6.ge.WB.nOB.
61472	Graminoid bog	6.ge.WB.nOB.nGB.
61471	Open sphagnum bog schlenke subtype	6.ge.WB.nOB.nOS.
61450	Poor fen	6.ge.WB.nPF.
61452	Poor fen patterned fen subtype	6.ge.WB.nPF.nPA.
61451	Poor fen sedge subtype	6.ge.WB.nPF.nPD.
61460	Rich fen	6.ge.WB.nRF.
61461	Rich fen sedge subtype	6.ge.WB.nRF.nRD.
61462	Rich fen floating-mat subtype - saturated soils	6.ge.WB.nRF.nRM.
61463	Rich fen patterned fen subtype	6.ge.WB.nRF.nRT.
61420	Wet meadow	6.ge.WB.nWM.
61410	Wet prairie - saturated soils	6.ge.WB.nWP.
61411	Wet prairie saline subtype - saturated soils	6.ge.WB.nWP.nWA.
61412	Wet prairie seepage subtype - saturated soils	6.ge.WB.nWP.nWS.
61500	Seasonally flooded emergent vegetation	6.ge.WC.
61530	Seasonally flooded altered/non-native dominated emergent vegetation	6.ge.WC.nAT.
61510	Cattail marsh - seasonally flooded	6.ge.WC.nCM.
61520	Mixed emergent marsh - seasonally flooded	6.ge.WC.nME.
61540	Wet meadow - seasonally flooded	6.ge.WC.nWM.
61600	Semipermanently flooded emergent vegetation	6.ge.WF.
61630	Semipermanently flooded altered/non-native dominated vegetation	6.ge.WF.nAT.
61610	Cattail marsh - semipermanently flooded	6.ge.WF.nCM.
61620	Mixed emergent marsh	6.ge.WF.nME.
61650	Rich fen floating-mat subtype - semipermanently flooded	6.ge.WF.nRM.
61640	Wet meadow - semipermanently flooded	6.ge.WF.nWM.
61641	Wet meadow floating mat subtype	6.ge.WF.nWM.nFV.
61700	Intermittently exposed emergent vegetation	6.ge.WG.
61730	Intermittently exposed altered/non-native dominated vegetation	6.ge.WG.nAT.
61710	Cattail marsh - intermittently exposed	6.ge.WG.nCM.
61720	Mixed emergent marsh - intermittently exposed	6.ge.WG.nME.
61740	Rich fen floating-mat subtype - intermittently exposed	6.ge.WG.nRM.
61800	Permanently flooded emergent vegetation	6.ge.WH.
61830	Permanently flooded altered/non-native dominated vegetation	6.ge.WH.nAT.
61810	Cattail marsh - permanently flooded	6.ge.WH.nCM.
61820	Mixed emergent marsh - permanently flooded	6.ge.WH.nME.
61840	Rich fen floating-mat subtype - permanently flooded	6.ge.WH.nRM.
62000	Grassland with sparse tree layer	6.gt.
62200	Grassland with sparse conifer or mixed deciduous/coniferous trees	6.gt.GC.
62220	Grassland with sparse conifer or mixed deciduous/coniferous trees - altered/non-native dom	6.gt.GC.nAT.
62210	Jack pine barrens	6.gt.GC.nJB.
62100	Grassland with sparse deciduous trees	6.gt.GD.
62110	Aspen openings	6.gt.GD.nAO.
62111	Aspen openings sand gravel subtype	6.gt.GD.nAO.nAG.
62140	Grassland with sparse deciduous trees - altered/non-native dominated vegetation	6.gt.GD.nAT.
62120	Dry oak savanna	6.gt.GD.nDO.
62121	Dry oak savanna hill subtype	6.gt.GD.nDO.nDI.
62122	Dry oak savanna barrens subtype	6.gt.GD.nDO.nDN.
62123	Dry oak savanna sand-gravel subtype	6.gt.GD.nDO.nDR.
62130	Mesic oak savanna	6.gt.GD.nMO.
62300	Temporarily flooded grassland with sparse deciduous trees	6.gt.WA.
62310	Altered/non-native grassland with sparse deciduous trees - temporarily flooded	6.gt.WA.nAT.
62400	Saturated grassland with sparse deciduous trees	6.gt.WB.
62410	Altered/non-native grassland with sparse deciduous trees - saturated soils	6.gt.WB.nAT.
62500	Seasonally flooded grassland with sparse deciduous trees	6.gt.WC.
62510	Altered/non-native grassland with sparse deciduous trees - seasonally flooded	6.gt.WC.nAT.
64000	Hydromorphic rooted vegetation	6.hr.
64100	Standing water hydromorphic rooted vegetation	6.hr.SW.

64120	Midwest pondweed submerged aquatic wetland	6.hr.SW.nPW.
64110	Water lily	6.hr.SW.nWL.
64111	Water lily open marsh	6.hr.SW.nWL.nLC.
64112	Boreal water lily aquatic wetland	6.hr.SW.nWL.nLL.
64113	Northern water lily aquatic wetland	6.hr.SW.nWL.nLN.
63000	Perennial forb vegetation	6.pf.
63100	Upland forb vegetation	6.pf.UP.
63110	Talus slope algific subtype	6.pf.UP.nTL.
63200	Saturated forb vegetation	6.pf.WB.
63210	Seepage meadow	6.pf.WB.nSM.
70000	Nonvascular vegetation	7.
71000	Lichen vegetation	7.li.
71100	Lichen vegetation with sparse tree layer	7.li.LT.
71110	Northern conifer scrubland	7.li.LT.nNS.
80000	Sparse vegetation	8.
82000	Boulder, gravel, cobble, or talus	8.bg.
82200	Cobble / gravel beaches and shores	8.bg.BS.
82210	Cobble / gravel shore	8.bg.BS.nCG.
82213	Great Lakes non-alkaline cobble/gravel shore	8.bg.BS.nCG.nGC.
82214	Inland lake igneous/metamorphic cobble-gravel shore	8.bg.BS.nCG.nIM.
82211	Great Lakes basalt/diabase cobble-gravel lakeshore	8.bg.BS.nCG.nLG.
82212	Riverine igneous/metamorphic cobble-gravel shore	8.bg.BS.nCG.nRG.
82100	Lowland or submontane talus / scree slopes	8.bg.TS.
82110	Lowland talus	8.bg.TS.nTA.
82112	Midwest limestone - dolostone talus	8.bg.TS.nTA.nTD.
82114	Northern basalt/diabase open talus	8.bg.TS.nTA.nTF.
82111	Northern granite/metamorphic talus	8.bg.TS.nTA.nTG.
82113	Northern sandstone talus	8.bg.TS.nTA.nTN.
81000	Consolidated rock (cliffs, bedrock, etc.)	8.cr.
81100	Cliffs with sparse vegetation	8.cr.CL.
81110	Open cliff	8.cr.CL.nOC.
81111	Great Lakes shore basalt/diabase cliff	8.cr.CL.nOC.nBD.
81114	Midwest sandstone dry cliff	8.cr.CL.nOC.nDC.
81116	Great Lakes shoreline granite/metamorphic cliff	8.cr.CL.nOC.nGR.
81112	Northern (Laurentian) igneous/metamorphic dry cliff	8.cr.CL.nOC.nIG.
81113	Midwest dry limestone/dolostone cliff	8.cr.CL.nOC.nLD.
81115	Midwest sandstone moist cliff	8.cr.CL.nOC.nMC.
81130	Rock outcrop / butte	8.cr.CL.nRO.
81131	Northern (Laurentian) granite/metamorphic rock outcrop	8.cr.CL.nRO.nGG.
81132	Midwest quartzite - granite rock outcrop	8.cr.CL.nRO.nQG.
81120	Wet cliff	8.cr.CL.nTC.
81121	Moderate cliff	8.cr.CL.nTC.nMM.
81122	Midwest sedimentary dripping cliff	8.cr.CL.nTC.nSD.
81200	Level bedrock with sparse vegetation	8.cr.LB.
81210	Open level bedrock	8.cr.LB.nLB.
81212	Great Lakes basalt (conglomerate) bedrock lakeshore	8.cr.LB.nLB.nBC.
81211	Inland lake igneous/metamorphic bedrock shore	8.cr.LB.nLB.nLE.
81215	River ledge sandstone pavement	8.cr.LB.nLB.nRE.
81214	Great Lakes sandstone bedrock shore	8.cr.LB.nLB.nSL.
81213	Great Lakes limestone-dolostone bedrock lakeshore	8.cr.LB.nLB.nTB.
83000	Unconsolidated material (soil, sand, and ash)	8.um.
83200	Temporarily flooded sand flats	8.um.AS.
83210	Sand flats temporarily flooded	8.um.AS.nST.
83211	Lacustrine sand flats - bars	8.um.AS.nST.nFB.
83212	Riverine sand flats - bars	8.um.AS.nST.nRS.
83300	Seasonally / temporarily flooded mud flats	8.um.MF.
83310	Non-tidal mud flat seasonally / temporarily flooded	8.um.MF.nMU.
83311	Lake mud flats	8.um.MF.nMU.nLM.
83313	Saline spring mud flats	8.um.MF.nMU.nMN.
83312	River mud flats	8.um.MF.nMU.nRU.

83100	Sand flats	8.um.SF.
83110	Inland strand beach	8.um.SF.nIS.
83111	Inland freshwater strand beach	8.um.SF.nIS.nLS.
90000	Water	9.
92000	Lake (lacustrine)	9.la.
92100	Limnetic open water	9.la.LC.
92500	Littoral open water	9.la.LL.
92200	Semipermanently flooded littoral aquatic bed	9.la.WF.
92210	Floating algae - semipermanently flooded littoral aquatic bed	9.la.WF.nFA.
92220	Floating vascular vegetation - semipermanently flooded littoral aquatic bed	9.la.WF.nFV.
92300	Intermittently exposed littoral aquatic bed	9.la.WG.
92310	Floating algae - intermittently exposed littoral aquatic bed	9.la.WG.nFA.
92320	Floating vascular vegetation - intermittently exposed littoral aquatic bed	9.la.WG.nFV.
92400	Permanently flooded littoral aquatic bed	9.la.WH.
92410	Floating algae - permanently flooded littoral aquatic bed	9.la.WH.nFA.
92420	Floating vascular vegetation - permanently flooded littoral aquatic bed	9.la.WH.nFV.
91000	River (riverine)	9.ri.
91200	Fast moving linear open water habitat	9.ri.FR.
91100	Slow moving linear open water habitat	9.ri.S.
93000	Wetland-open water (palustrine)	9.ww.
93300	Palustrine open water	9.ww.OW.
93100	Intermittently exposed aquatic bed	9.ww.WG.
93110	Floating algae - intermittently exposed aquatic bed	9.ww.WG.nFA.
93120	Floating vascular vegetation - intermittently exposed aquatic bed	9.ww.WG.nFV.
93200	Permanently flooded aquatic bed	9.ww.WH.
93210	Floating algae	9.ww.WH.nFA.
93220	Floating vascular vegetation	9.ww.WH.nFV.
0	undefined	