

Table 3. Land cover type descriptions. For definitions of vegetation structural terms (“open”, “closed”, “tall” “mixed”, etc.), see Table 4.

Cover Type Number	Cover Type Name	Description
1	Water	Rivers, lakes, and ponds
2	AquaticVegetation	Herbaceous, submersed, floating-leaved, and sparse emergent aquatic vegetation
3	RiparianBarrens	Unvegetated or very sparsely vegetated (less than 10% canopy cover) areas along rivers.
4	MineTailingBarrens	Sparsely vegetated mine tailings of coarse-grained rock fragments, along Coal and Woodchopper Creeks.
5	RiparianLowShrub&Herb	Riparian areas with herbs, low shrubs (mainly willows <i>Salix</i> and alders <i>Alnus</i>), and small trees (mainly poplar <i>Populus balsamifera</i>) less than 1.5 m tall. Shrub cover ranges from absent to closed (>75%).
6	RiparianTallShrub	Riparian deciduous tall shrubs (mainly willows and alders), and small trees (mainly poplar), mostly closed (over 75% cover) and 1.5 to 3 m tall.
7	RiparianYoungPoplarForest	Riparian balsam poplar open forest, 3 to 7 m tall, with deciduous tall shrubs (mainly willows and alders).
8	RiparianPoplarForest	Riparian balsam poplar forest, more than 7 m tall, closed, or open with significant tall shrub cover of alders or willows.
9	RiparianMixedForest	Riparian mixed white spruce (<i>Picea glauca</i>) and broadleaf deciduous forest, open or closed, more than 7 m tall. Deciduous trees are mostly balsam poplar, but may be paper birch (<i>Betula neoalaskana</i>), especially in less frequently flooded areas and along smaller rivers.
10	RiparianWhiteSpruce&Alder	Riparian open white spruce forest (25% to 60% cover), more than 7 m tall, with alder understory >25% cover and clearly visible in gaps between trees.
11	RiparianWhiteSpruceForest	Riparian white spruce forest, more than 7 m tall, with alder understory <25% cover, or the understory is obscured by trees and tree shadows, with tree cover >40%.
21	WetHerb&Moss	A variety of wetland vegetation types in depressions and along small lakes and ponds. Includes communities dominated by sedges (<i>Carex</i>), mosses, and low shrubs.
22	WetlandLowShrub	Wet lowland low shrubs, consisting of mostly ericaceous shrubs (Labrador tea <i>Ledum palustre</i> , blueberry <i>Vaccinium uliginosum</i>) and shrub birch (<i>Betula nana</i>), with ground cover dominated by mosses and cottonsedge (<i>Eriophorum vaginatum</i>).
23	BlackSpruceWoodland	Lowland black spruce (<i>Picea mariana</i>) woodland, (10 to 25% tree cover), with a low shrub understory like type 22.
24	LichenLowShrub&Woodland	Wetland low shrubs (see type 22) and black spruce (<i>Picea mariana</i>) woodland (0–25% cover) with ground cover dominated by lichens, or lichen and moss co-dominant.

Cover Type Number	Cover Type Name	Description
25	BlackSpruceForest	Mostly open forest (25 to 60% tree cover), occasionally closed (more than 60% cover). Dominantly black spruce, with some white spruce, especially where the latter is short-statured (< 7 m tall), on gentle slopes with wet, organic soils at low elevations.
31	TallShrubSeral	Deciduous tall shrubs and trees, open or closed (more than 25% cover), 1.5 to 3 m tall. Includes alder and willow shrubs, and small paper birch and aspen (<i>Populus tremuloides</i>) trees. Mostly below 800 m elevation, non-riparian, and seral post-fire.
32	DeciduousForestShort	Broadleaf deciduous forest of short trees, 3 to 7 m tall, open (25–60% cover) or closed (more than 60% cover) with alder tall shrubs. Mainly paper birch <i>Betula neoalaskana</i> , also aspen trees. Occurs predominantly on old (c. 1970) burned areas.
33	DeciduousOpenForest&Woodland	Open broadleaf deciduous forest or woodland (less than 50% cover) on dry, south-facing slopes, usually steeper than 20°. Mainly aspen with lesser amounts of paper birch, balsam poplar, and white spruce. Common understory shrubs are the species listed for type 42, and bearberry (<i>Arctostaphylos uva-ursi</i>).
34	DeciduousForest	Broadleaf deciduous forest, mostly closed canopy (more than 60% cover) and more than 7 m tall. Mainly paper birch with some aspen. Common understory shrubs are rose (<i>Rosa acicularis</i>), willow, and alder.
35	MixedForestShort	Mixed broadleaf deciduous and spruce forest of short trees, 3 m to 7 m tall. White and/or black spruce, and paper birch, with lesser amounts of aspen. Forest is mostly open (25–60% tree cover) with significant tall shrub cover, mainly alder and willow.
36	MixedOpenForest&Woodland	Open mixed broadleaf deciduous and spruce forest, (tree cover less than 50%), on dry, south-facing slopes, usually steeper than 20°. Mainly white spruce, and aspen, with lesser amounts of paper birch. Common understory shrubs are the species listed for type 42, and bearberry (<i>Arctostaphylos uva-ursi</i>).
37	MixedForest	Closed (>60% tree cover) and open (25–60% cover) mixed broadleaf deciduous and spruce forest, More than 7 m tall. Mainly white spruce and paper birch, also black spruce and aspen. Common understory shrubs are rose, willow, and alder.
38	UplandSpruceForest	Open spruce forest, mainly white spruce but also some black spruce, on mesic to dry sites.
40	BluffBarrens	Unvegetated steep slopes at low elevations near rivers.
41	DryHerbaceous	Grass-dominated herbaceous vegetation with scattered low shrubs (less than 25% cover), on dry, south-facing slopes.

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42	DryLowShrub	Low shrubs on dry, south-facing slopes. Most commonly rose (<i>Rosa acicularis</i>), and small aspen trees, also serviceberry (<i>Amelanchier alnifolia</i>), soapberry (<i>Shepherdia canadensis</i>), silverberry (<i>Elaeagnus commutata</i>), and juniper (<i>Juniperus communis</i>).
50	Burned2021-2022	Areas burned in 2021 or 2022 and dominated by a blackened surface with little vegetation canopy cover in 2022. By 2023 or 2024 will have vegetation be like unit 51.
51	LowShrub&HerbBurned2015-2020	Areas burned in 2015–2020 with incomplete cover by mosses (especially <i>Ceratodon purpureus</i>), liverworts (<i>Marchantia</i>), herbs (especially <i>Calamagrostis canadensis</i> , <i>Epilobium angustifolium</i> , and <i>Eriophorum vaginatum</i>), resprouting shrubs, and trees less than 1.5 m tall.
52	UplandLowWillow	Upland areas with mesic to dry low scrub dominated by willow. Occurs mainly areas burned by wildfires in the years 1999–2013.
53	UplandLowShrub	Upland areas with mesic to dry, open or closed low scrub dominated by ericaceous shrubs (<i>Ledum</i> , <i>Vaccinium</i>) and shrub birch. Occurs mainly areas burned by wildfires in the years 1999–2013.
54	SpruceWoodland&ShrubNorth	Steep north-facing slopes with black spruce woodland; also terrain shadow with undifferentiated vegetation of spruce woodland and forest, low- or tall shrubs, and barrens.
60	AcidicBarrens	Areas at high elevations on non-calcareous rocks, with little vegetative cover except lichens, mainly south of the Yukon River.
61	AlkalineBarrens	Areas at high elevations on calcareous rocks, with little vegetative cover except lichens, mainly in the Ogilvie Mountains north of the Yukon River.
62	AlpineDwarfShrub	Alpine dwarf shrubs (less than 20 cm tall). Common shrubs are dryas (<i>Dryas</i> sp.), blueberry (<i>Vaccinium uliginosum</i>), lowbush cranberry (<i>Vaccinium vitis-ideae</i>), crowberry (<i>Empetrum hermaphroditum</i>), and others. Also sedges (<i>Carex</i>) and a variety of forbs.
63	AlpineSedge&DwarfShrub	Alpine mesic to dry sedge (<i>Carex bigelowii</i>) and other graminoids and dwarf shrubs: birch (<i>Betula nana</i>), blueberry, Labrador tea, lowbush cranberry, crowberry, and others. Graminoid cover equals or exceeds dwarf shrub cover.
64	AlpineLowShrub	Alpine and subalpine low shrubs: willow, shrub birch, blueberry, Labrador tea, and others.
65	SubalpineTallShrub	Tall shrubs (willows, alder) open or closed (more than 25% cover), above 700 m elevation. Mostly not located in areas of historical (post-1950) wildfires.
66	TussockTundra	Cottonsedge (<i>Eriophorum vaginatum</i>) tussocks with low shrubs ericaceous shrubs and birch), above 600 m elevation.

Cover Type Number	Cover Type Name	Description
67	LichenTundra	Lichen-dominated mesic tundra with low shrubs and sedges (<i>Carex</i>).
68	SubalpineSpruceWoodland	Subalpine spruce woodland (10 to 25% tree cover) near tree-line (elevation 800–1200 m). Mainly white spruce with some black spruce. Ground cover dominated by feathermosses (<i>Hylocomium splendens</i> and <i>Pleurozium schreberi</i>)
69	SubalpineSpruceLichenWoodland	Spruce woodland (10 to 25% tree cover) with lichen-dominated ground cover. Mainly white spruce with some black spruce. Occurs at mid- to high elevations (600 to 1100 m).