Illustrations

Plate 1. Sparsely vegetated slopes, rock, and ice dominate landscapes above 1,500 meters within the Alaska Mountains and South Central Mountains Sections. The soil component represented here is *Interior-nonvegetated rock outcrop, ice, talus, and drift* in map unit *NV1-Nonvegetated Mountains-Alaska Mountains.*

Plate 2. Glacial deposits flank many of the lower mountain slopes within the Alaska Mountains Section. Lower mountain slopes are in map unit *7TM1-Alpine Glaciated Mountains with Discontinuous Permafrost, High Elevation*.

Plate 3. In the foreground and mid-ground is subdued relief typical of glaciated low mountains. The map unit is *7TM-Alpine Glaciated Low Mountains with Discontinuous Permafrost*.

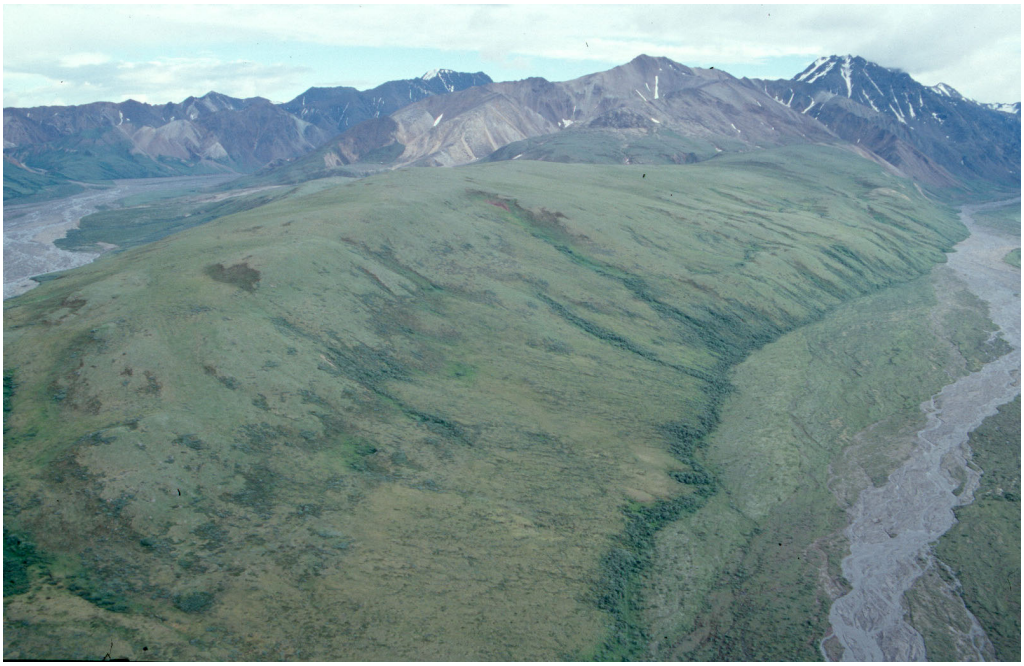

Plate 4. Plateaus are common along the northern reaches of the Alaska Mountains Section in Denali. Two major map units represented here are *10V2-Boreal Terraces and Plateau Toeslopes with Continuous Permafrost,* in the mid-ground, and *10TS-Boreal Plateaus with Continuous Permafrost,* in the background.

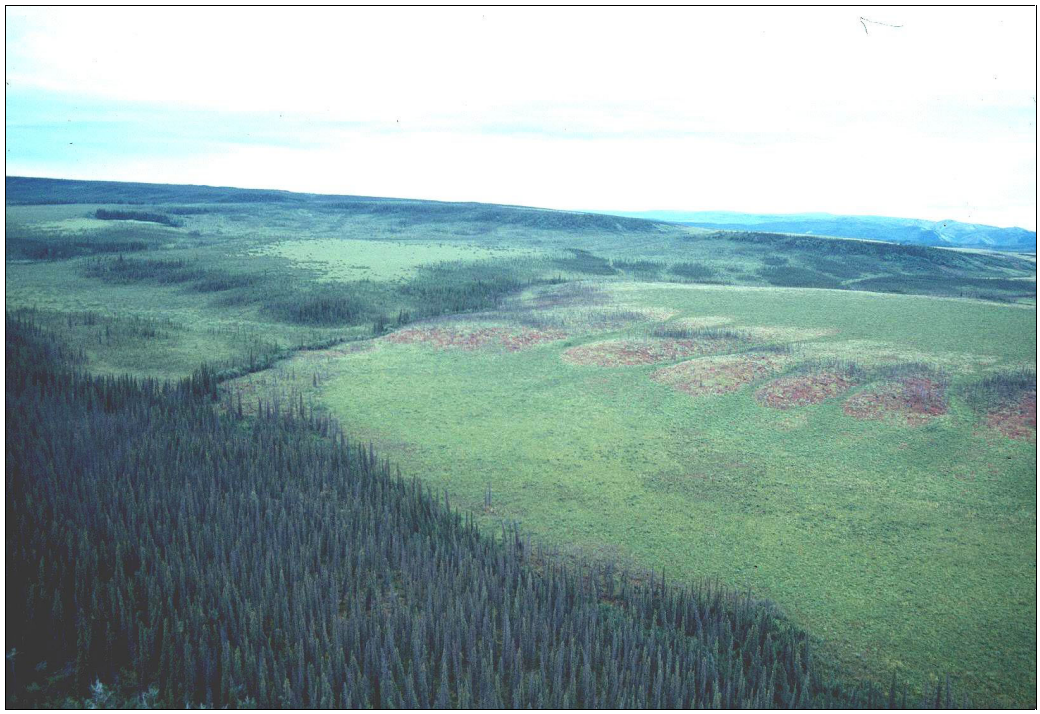

Plate 5. Forested glacial plains and hills of the Alaska Mountains Section. The major map unit in the uplands is *7TP5-Boreal and Alpine Till Plains and Hills with Discontinuous Permafrost*.

Plate 6. Steps formed in glacial till deposits along the southern part of the Alaska Mountains Section. The map unit is *7TMS-Alpine Glaciated Low Mountain Summits*.

Plate 7. Stripes formed in schist near the summit of Mount Margaret near Park headquarters. The map unit is *5P1-Alpine Schist Mountain Summits with Discontinuous Permafrost*.

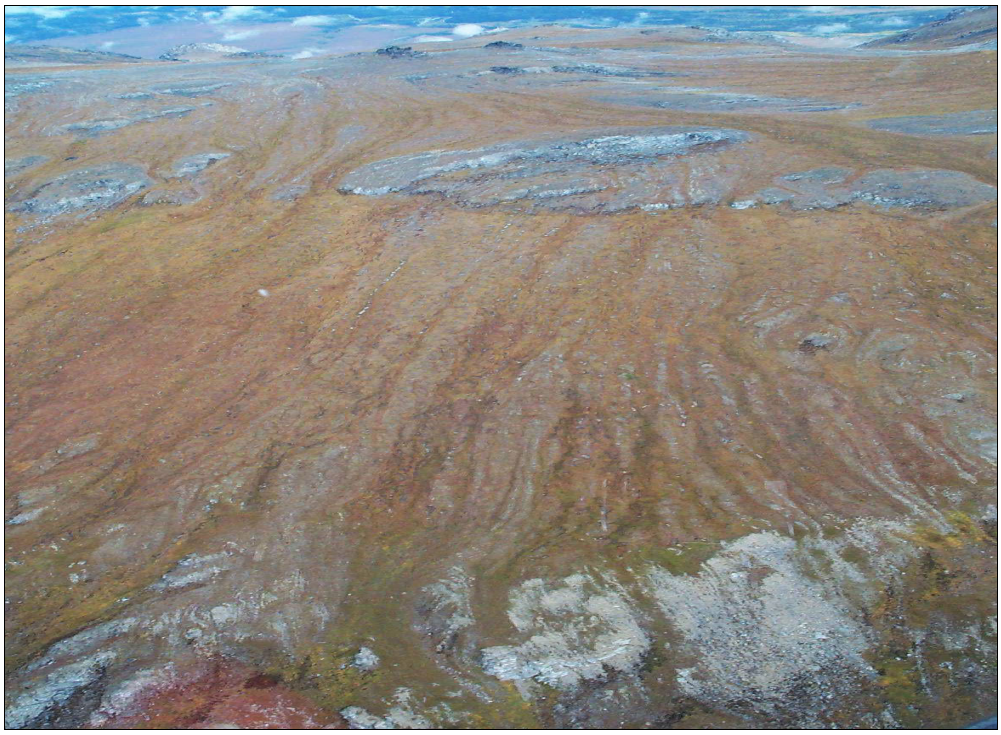

Plate 8. Circles formed in schist on a low mountain summit in the Kantishna Hills portion of the Alaska Mountains Section. The map unit is *8LM1-Alpine Low Schist Mountains with Discontinuous Permafrost.*

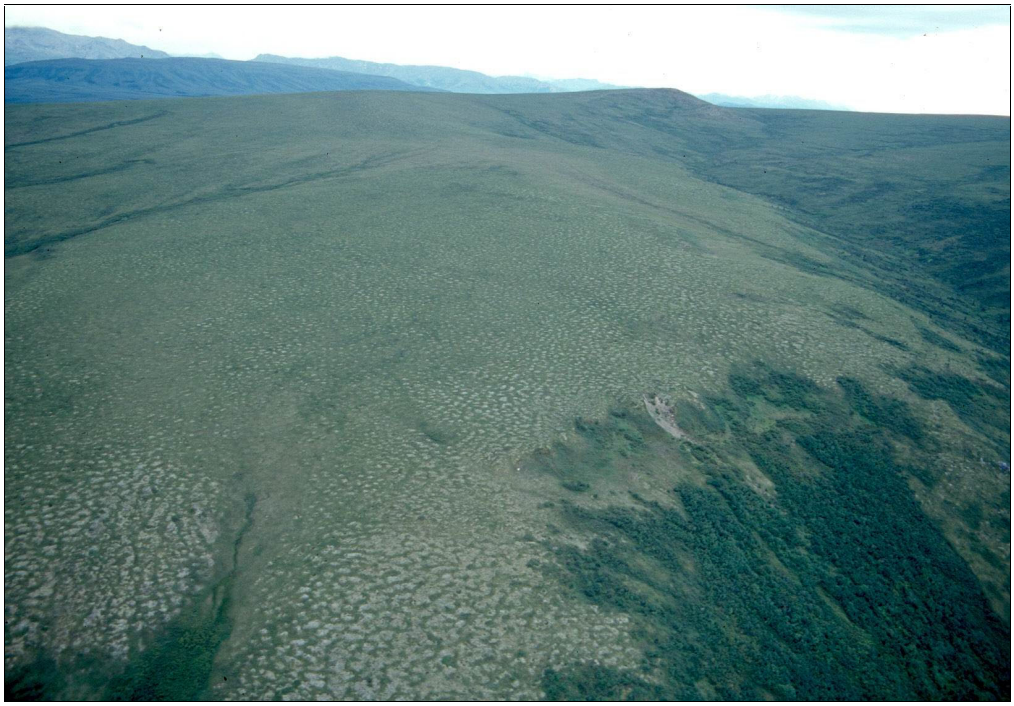

Plate 9. Gelifluction lobes formed in schist in the Kantishna Mountains in the north-central part of the Alaska Mountains Section. The map unit is *8MS-Alpine Schist Mountain Ridges with Discontinuous Permafrost*.

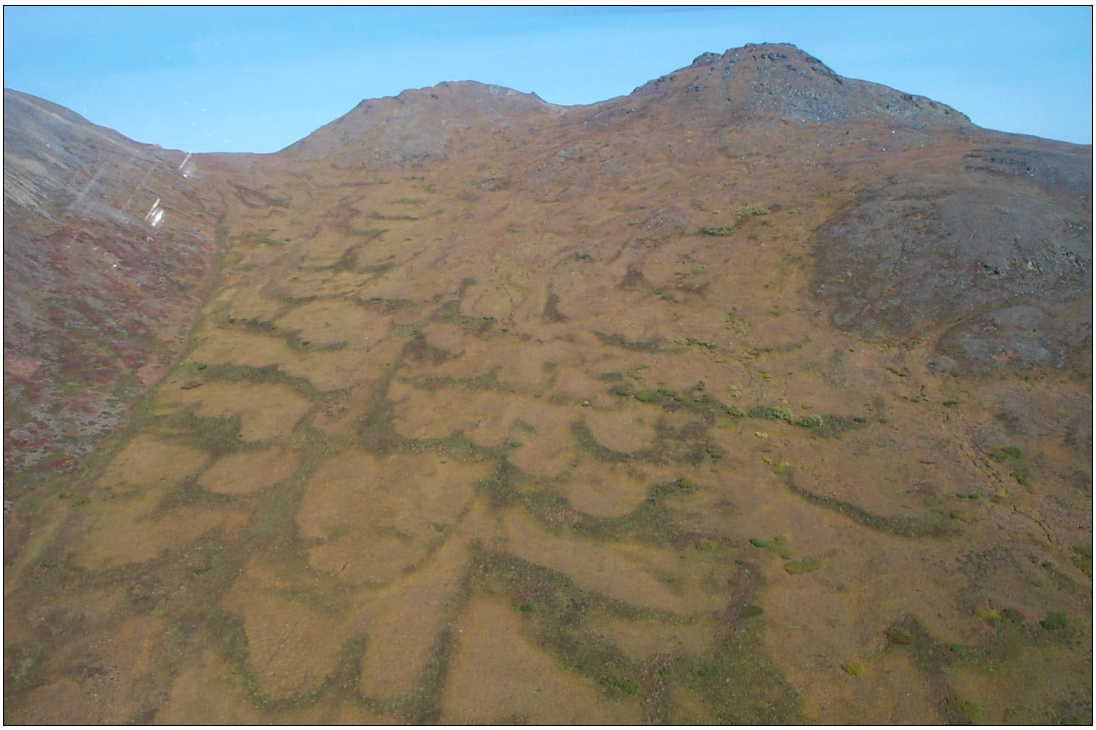

Plate 10. Earth hummocks or tussocks on an alluvial plain in the Toklat Basin along the northeastern part of the Alaska Mountains Section. The soil component is *Alpine-tussock-scrub silty loess slopes, frozen* and the map unit is *11P-Alpine Plains with Continuous Permafrost*.

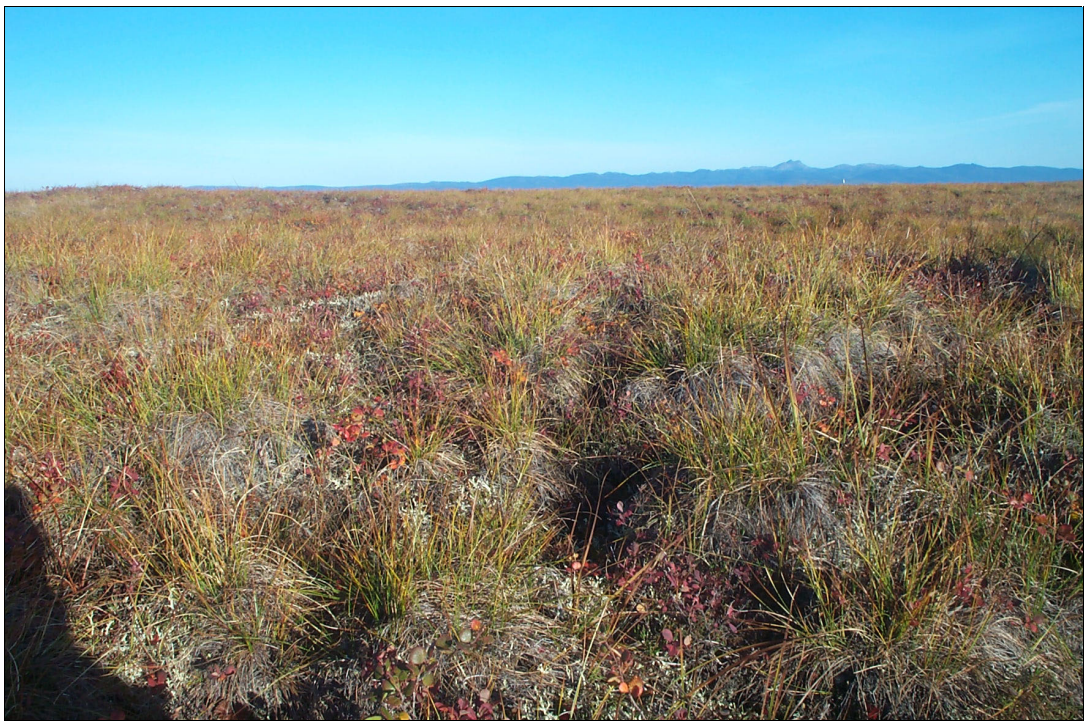

Plate 11. Polygonal ground and thermokarst subsidence on an alluvial plain in the Toklat Basin along the northeastern part of the Alaska Mountains Section. The map unit is *11P-Alpine Plains with Continuous Permafrost*.

Plate 12. A typical soil that is classified within the Inceptisol soil order that has formed in parent material derived from schist in the Kantishna Hills area. The soil component is *Alpine-dwarf scrub gravelly schist colluvial slopes* and the map unit is *8MS-Alpine Schist Mountain Ridges with Discontinuous Permafrost*.

Plate 13. A soil that is classified in the Spodosol soil order formed in coarse textured deposits on stream terraces in the northwestern part of the Alaska Mountains Section. The soil component is *Alpine-scrub gravelly terraces* and the map unit is *7ST-Alpine Terraces*.

Plate 14. This photo illustrates a soil that is classified within the Gelisol order. This soil is formed in loamy glacial till material and permafrost is present at 50 centimeters. The soil component is *Boreal-taiga gravelly till slopes* and the map unit is *7TP5-Boreal and Alpine Till Plains and Hills with Discontinuous Permafrost*.

Plate 15. This photo represents a soil that is classified within the Entisol soil order. These are young periodically flooded soils formed in coarse textured alluvium on flood plains, which are found throughout all Sections in the Park. The soil component is *Boreal-riparian forested hardwood gravelly flood plains* and is a part of the map unit *13FP2-Boreal Flood Plains, Dry*.

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Plate 16. A colluvial slope within the South Central Mountains Section. Periglacial landforms such as gelifluction lobes, stripes or circles common to the Alaska Mountains section are rarely observed within this Section due to the more mild maritime influences. The soil component is *Alpine-scrub-meadow-mosaic gravelly colluvial slopes* and is part of the map unit *9SA4-Alpine Lower Mountain Colluvial Slopes*.

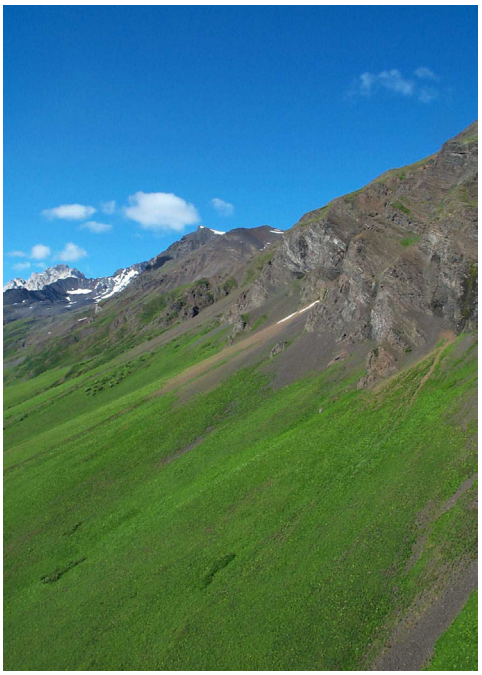

Plate 17. A soil that is classified in the Andisol soil order, a soil formed in an admixture of dark colluvium and volcanic ash on steep mountain slopes, within the South Central Mountains Section. The soil component is *Alpine-scrub-meadow-mosaic gravelly colluvial slopes* and is part of the map unit *9SA4-Alpine Lower Mountain Colluvial Slopes*.

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Plate 18. A soil that is classified in the Inceptisol soil order. This soil illustrates moderate horizon development represented by a “reddening” within the upper 30 centimeters. Parent materials within this zone include an admixture of coluvium and volcanic ash. Below 30 centimeters is gray colluvium unaltered by weathering processes. The soil component is *Alpine-dwarf scrub gravelly colluvial slopes, cool* and is part of the map unit *9MSH-Alpine Mountains*.

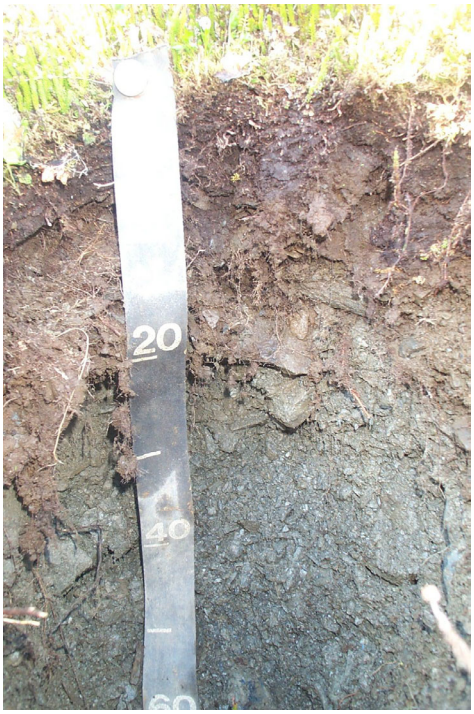

Plate 19. A soil with well expressed soil horizons typical of soils on foot slopes within the South Central Mountains Section. This soil is classified in the Spodosol soil order. Note the leached gray horizon from 10 to 15 centimeters underlain by a dark zone of iron and organic accumulation from 15 to 30 centimeters. The upper 50 centimeters of this soil is formed in an admixture of loess and volcanic ash. The yellowish colored material at 30 centimeters is a zone of weathered volcanic ash. The soil component is *Subalpine-scrub-meadow mosaic silty till slopes* and is a part of map unit *9SA6-Subalpine Glaciated Mountains*.

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Plate 20. A Typical landscape within the Yukon-Kuskokwim Bottomlands Section. Common landforms include flood plains, terraces, plains and hills. The map units include *3FP1-Boreal Flood Plains and Terraces with Discontinuous Permafrost* in the foreground and *3FG-Boreal Loess Plains with Continuous Permafrost* in the mid-ground.

Plate 21. This soil is classified in the Gelisol soil order and is extensive throughout the Yukon-Kuskokwim Bottomlands Section. Note the thick organic mat which extends to 30 centimeters. Permafrost is present below 50 centimeters with ice lenses and seams at 60 centimeters. The soil component is *Boreal-taiga silty loess slopes, frozen* a part of map unit *3FU-Boreal Loess Plains and Hills with Continuous Permafrost*.

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Plate 22. Typical bog soil within the Yukon-Kuskokwim Bottomlands Section. This soil is classified in the Histosol soil order. The soil component is *Boreal-bog organic depressions*, a part of the map unit *3FG-Boreal Loess Plains with Continuous Permafrost*.

Plate 23. This young, periodically flooded soil is classified in the Entisol soil order and is extensive on flood plains throughout the Yukon-Kuskokwim Bottomlands Section. Note the pockets and strata of varying color throughout, indicative of fluvial processes. The soil component is *Boreal-riparian forested loamy flood plains, Kuskokwim Plains*, a part of the map unit *2FP3-Boreal Flood Plains with Discontinuous Permafrost*.

Plate 24. A landscape within the Kuskokwim Mountains Section. Summits are broad with alpine scrub and tussock. Back slopes have black spruce forest and sometimes paper birch forest. Map units include *4S1-Alpine Low Schist Mountain Summits with Continuous Permafrost* and *4BS-Boreal Schist Mountain Backslopes with Discontinuous Permafrost*.

Plate 25. A typical well drained soil of the Kuskokwim Mountains Section. This soil is classified within the Inceptisol soil order. The yellowish-brown colors from 20 to 60 centimeters are representative of moderately well developed “Bw” horizons within this soil order. Soil parent materials are mica-rich loess over schist colluvium and bedrock. Note the schist fragments at 60 centimeters. The soil component is *Boreal-forested mica-rich silty loess slopes*, a part of map unit *4BSS-Boreal Mica-Rich Low Mountains*.

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Plate 26. The Cook Inlet Lowlands Section occupies a small part of Denali, although this Section is extensive in South Central Alaska. Mixed forest types typify uplands with bogs and fens in depressions. The map units include *12B-Boreal Bogs* in the foreground and *12HS2-Boreal Glaciated Hills and Plains* in the middle and background.

Plate 27. A typical wet forest soil of the Cook Inlet Lowlands. This soil is classified within the Andisol soil order due to its high volcanic ash content. The dark colors are organic rich horizons that have accumulated under saturated, anaerobic conditions. The light zone between 20 and 40 centimeters are thick deposits of moderately weathered volcanic ash. The soil component is *Boreal-forested silty wet till slopes, ash influenced*, a part of map unit *12HS2-Boreal Glaciated Hills and Plains*.

Plate 28. Soils that are classified within the Histosol order are extensive in bogs and fens of the Cook Inlet Lowlands Section. Organic materials accumulate during conditions of saturation, resulting in peat deposits that may be many meters thick. The light layer from about 65 to 80 centimeters is a volcanic ash layer common in organic soils within this Section. The soil component is *Boreal-woodland bog organic depressions*, a part of map unit *12B-Boreal Bogs*.

Plate 29. Typical profile of a well drained soil on a stream terrace within the Yukon-Kuskokwim Bottomlands. The relatively low annual precipitation results in little excess water for vertical movement through the profile and only slight or moderate horizon expression as illustrated by the “Oi”, “A”, “Bw” and “2C” horizon sequence. This is soil component *Boreal-forested gravelly terraces*, a part of map unit *2ST-Boreal Terraces with Discontinuous Permafrost*.

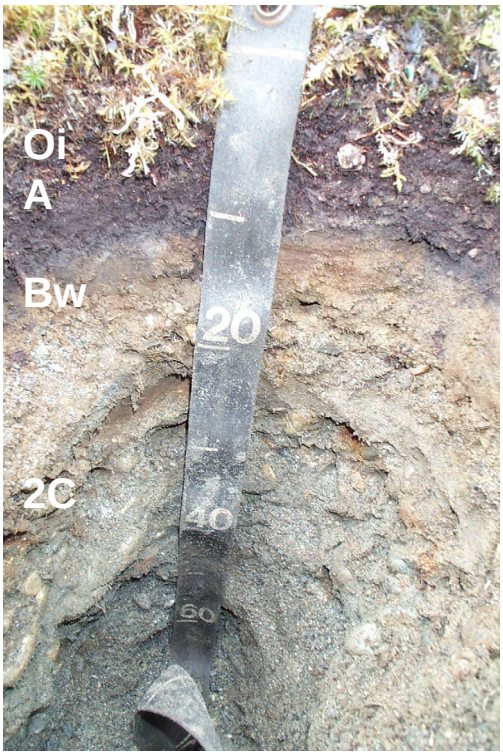

Plate 30. Metamorphic schist rocks of the Yukon-Tanana Terrane make up the Outer Range near Mount Healy as well as the Kantishna Hills within the Alaska Mountains Section and the Kuskokwim Mountains Section. The map units illustrated include *5SA2-Alpine and Subalpine Schist Lower Mountain Slopes with Discontinuous Permafrost, Cool* in the mid-ground and *5SA1-Alpine Schist Mountains* in the near background.

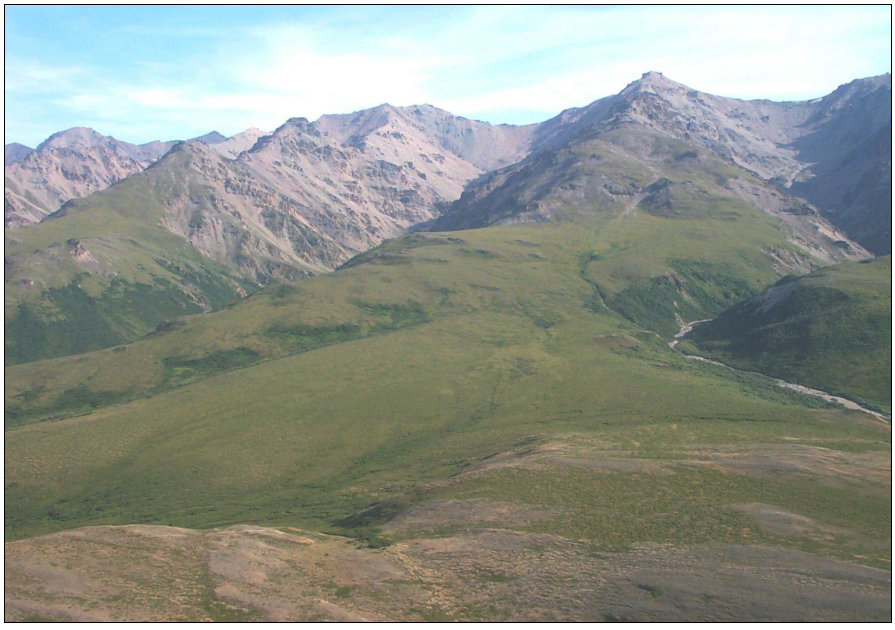

Plate 31. Mixed marine or sedimentary rocks of the Pingston/McKinley Terranes are included within the South Central Mountains Section. The principal map units include *9MSH-Alpine Mountains* in the vegetated areas and *NV2-Nonvegetated Mountains-South Central Mountains* elsewhere.

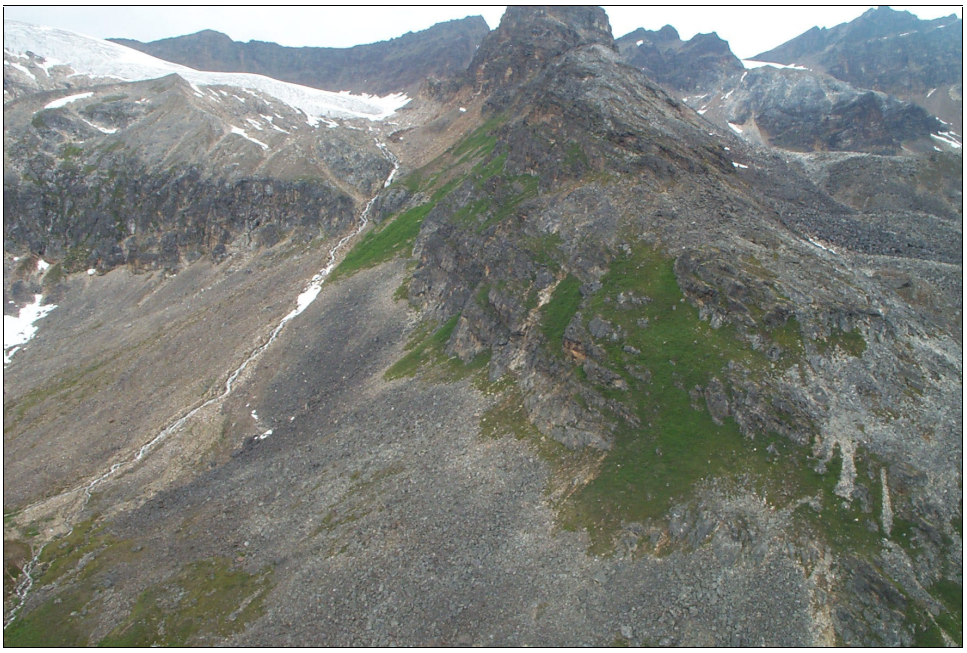

Plate 32. Plutonic rocks, primarily diorite, of the Kahiltna Terrane are included within the South Central Mountains Section. The map unit in the foreground is *9MSA-Alpine Diorite Mountains*.

Plate 33. A Common landscape underlain by permafrost with open dwarf spruce forest in which trees are tipped in various directions due to frost heave. The soil component is *Boreal-taiga silty loess slopes, frozen*, part of map unit *3FG-Boreal Loess Plains with Continuous Permafrost*.

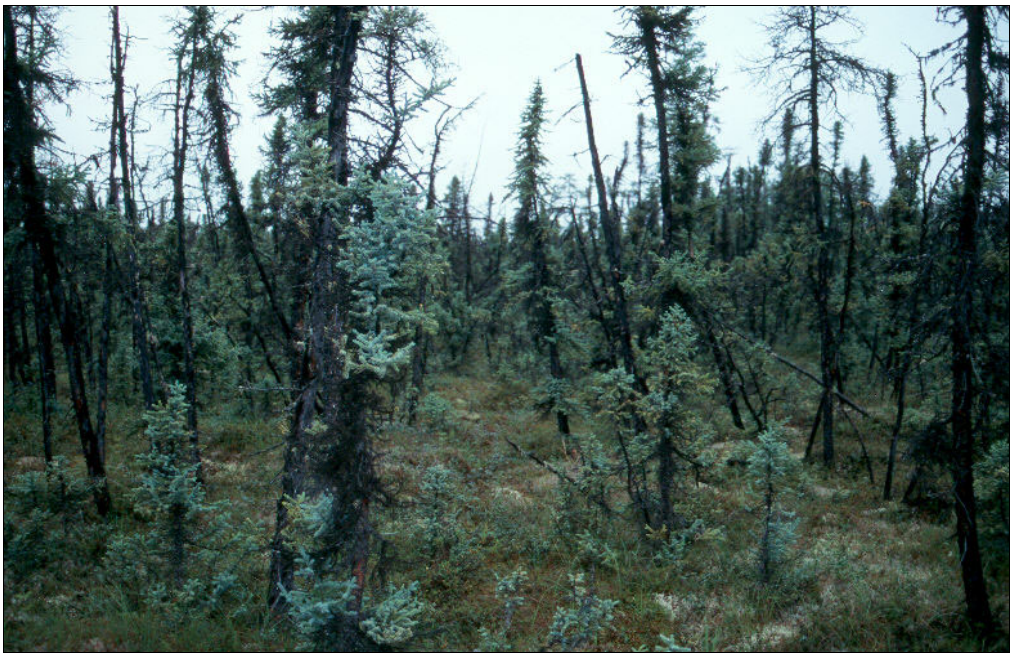

Plate 34. Ice masses are common in soils of the Toklat Basin Subsection. Differential subsidence of the surface commonly occurs after surface disturbance. The soil component is *Alpine-tussock-scrub silty loess slopes, frozen*, a part of map unit *11P-Alpine Plains with Continuous Permafrost*.

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Plate 35. Wildfire is common throughout the Alaska Mountains and Yukon-Kuskokwim Bottomlands Sections. This photo illustrates a fire that started in the lowlands and burned into the alpine. Wildfire removes and blackens the ground surface and initiates the melting of permafrost. Soil map units *8LMV-Alpine and Subalpine Schist Mountain Valleys* is in the foreground and *8LM-Alpine Low Loess Mountains with Discontinuous Permafrost* is in the mid-ground.

Plate 36. A mosaic of vegetation types typical of areas disturbed by wildfire. The light green area on the left illustrates an area burned during recent times. Soil map units include *2ST-Boreal Terraces with Discontinuous Permafrost* on the left and *3FG-Boreal Loess Plains with Continuous Permafrost* on the right and at center.

Plate 37. Surface disturbance of soils underlain by ice masses may initiate subsidence or thermokarst. This photo illustrates thermokarst in soils of the Toklat Basin Subsection in soil map unit *11P-Alpine Plains with Continuous Permafrost*.

Plate 38. Dwarf needleleaf permafrost woodlands consisting of black spruce (left) and larch (center) are extensive throughout the Yukon-Kuskokwim Bottomlands. Soil component *Boreal-taiga silty loess slopes, frozen*, a part of map unit *3FU-Boreal Loess Plains and Hills with Continuous Permafrost*.

Plate 39. Mixed paper birch-white spruce forests are common to the Yukon-Kuskokwim Bottomlands Section, as well as, the Cook Inlet Bottomlands Section. This photo is of component *Boreal-forested mica-rich silty loess slopes*, the dominant component in map unit *4BSS-Boreal Mica-Rich Low Mountains*.

Plate 40. White mountain avens (*Dryas octopetala*) is a common constituent of high alpine communities in the Alaska Mountains Section. The soil component is *Alpine-dwarf scrub gravelly colluvial slopes*, a part of map unit *7MSHL-Alpine Mixed Lithology Mountains, High Elevation*.

Plate 41. Stellar cassiope (*Cassiope stelleriana*) is a common constituent of high alpine communities in the South Central Mountains. The soil component is *Alpine-dwarf scrub gravelly colluvial slopes, cool*, a part of map unit *9MSH-Alpine Mountains*.

Plate 42. Barclay willow (*Salix barclayi*) is a common constituent of alpine communities within the South Central Mountains Section and often occurs in a mosaic with a herbaceous community. The soil component is *Alpine-scrub-meadow mosaic silty till slopes*, a minor part of map unit *9TM3-Alpine Cirque Valleys*.

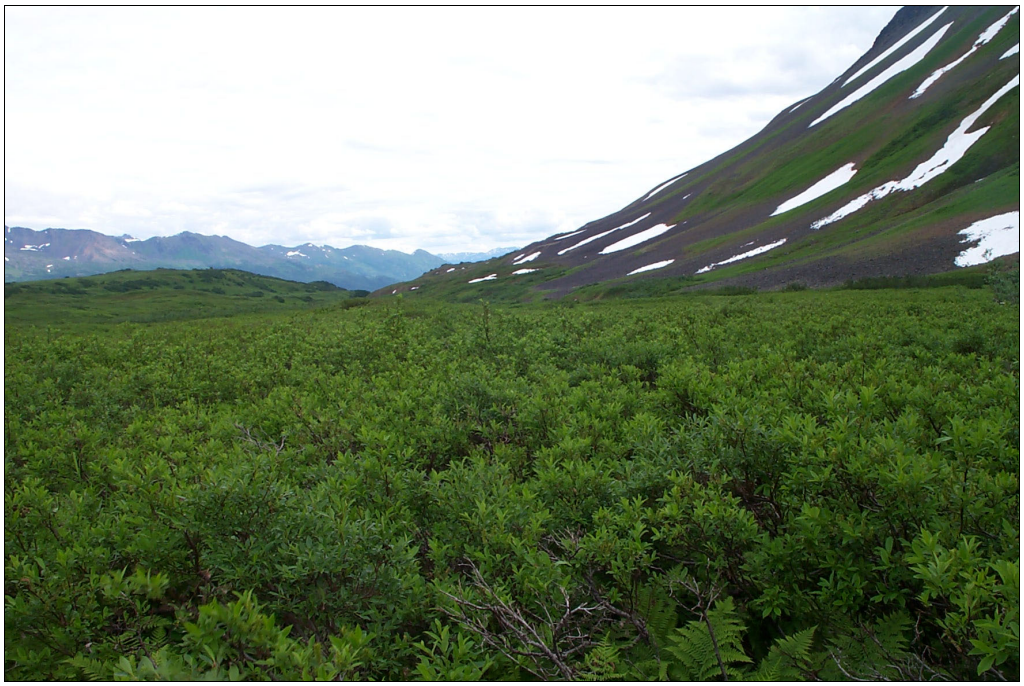


Plate 43. High flood plains and alluvial fans within the Cook Inlet Lowlands support riparian forests of balsam poplar (*Populus balsamifera*). Yellow mountain avens (*Dryas drummondii*) at “1” is eventually replaced by mixed willow-soapberry scrubs at “2” and tall forests of poplar (either balsam poplar or black cottonwood) and Sitka alder at “3.” The soil component is *Boreal-forested hardwood gravelly flood plains*, a part of map unit *13FP2-Boreal Flood Plains, Dry*.

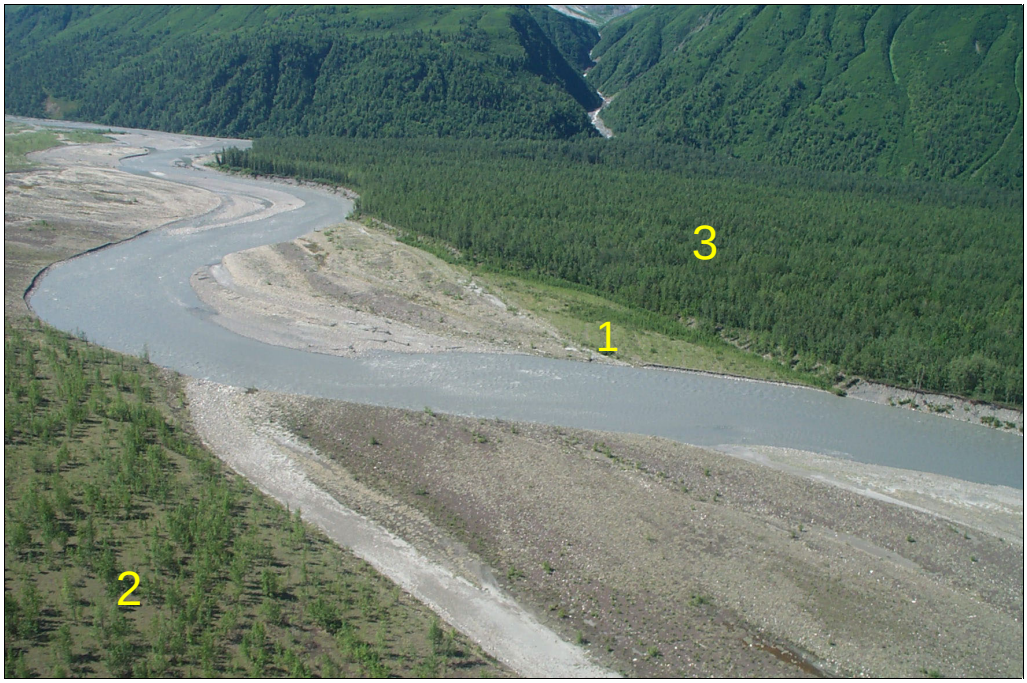


Plate 44. Diorite bedrock and associated colluvium near the Straightaway Glacier in the central part of Denali Park. Included are map units *7TM24-Alpine Diorite Mountains with Discontinuous Permafrost* on lower mountain slopes with *7MSA-Alpine Diorite Mountains, Interior* on upper slopes.

Plate 45. Soil parent materials of dark sedimentary colluvium near Refuge Valley in the northeastern Denali National Park. The soil map units include *7MSHD-Alpine Dark Sedimentary Mountains, High Elevation* on mid- and upper slopes and *7MS1D-Alpine Dark Sedimentary Mountains* on lower mountain slopes.

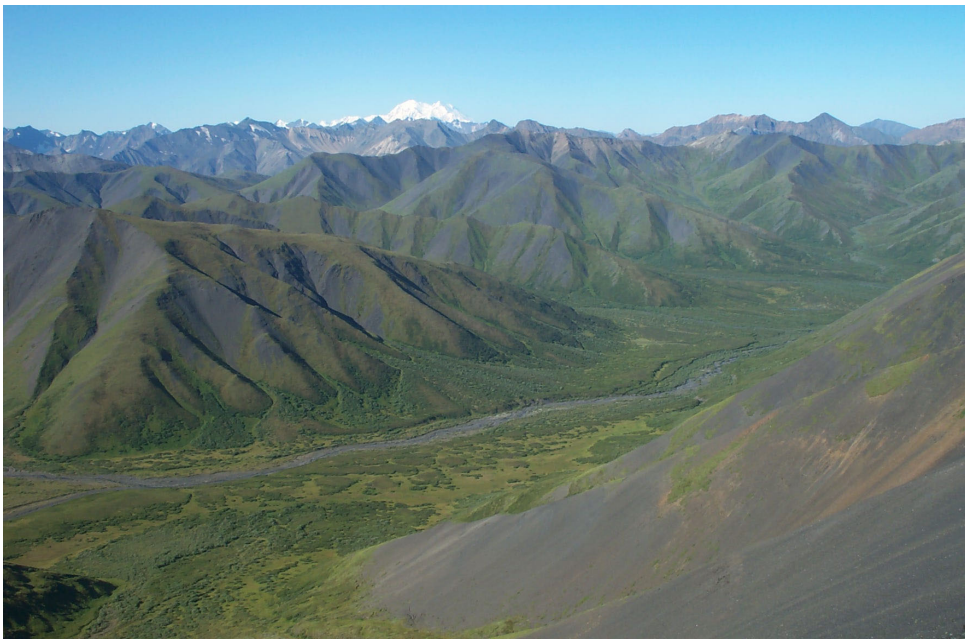


Plate 46. Soil parent materials of light color mixed sedimentary and volcanic rocks. The soil map unit is *7MSHL-Alpine Mixed Lithology Mountains, High Elevation*.

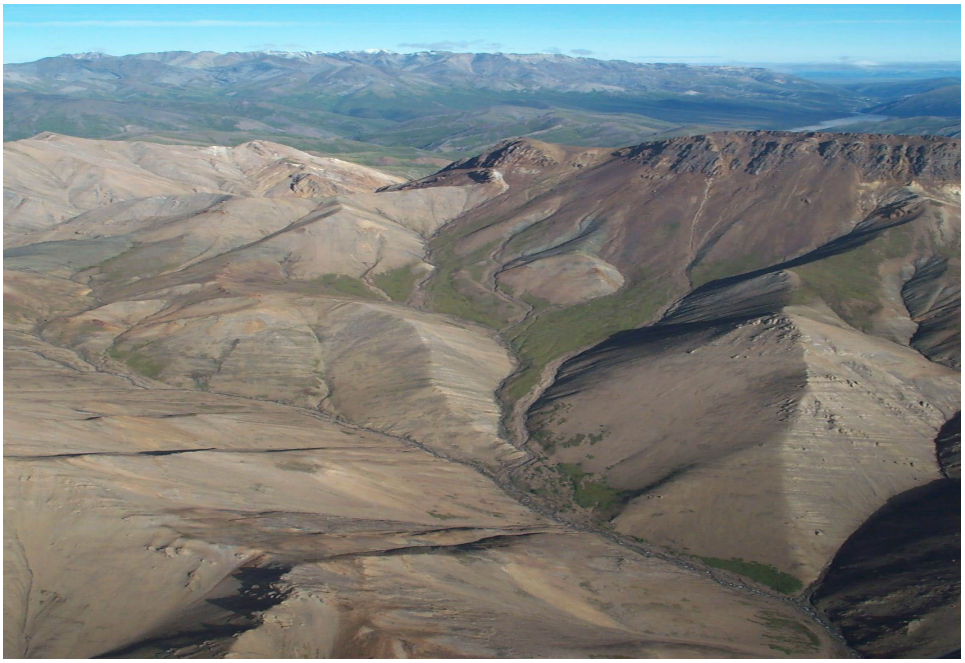


Plate 47. Soil component *Alpine-dwarf scrub dark gravelly colluvial slopes* formed in colluvium derived from dark sedimentary rocks near Refuge Valley in the northeastern part of the Park. This component is from map unit *7MSHD-Alpine Dark Sedimentary Mountains, High Elevation*.

Plate 48. Soil component *Alpine dwarf scrub gravelly colluvial slopes* formed in colluvium derived from mixed sedimentary and volcanic rocks in the Mystic Pass area along the western Park boundary. The soil map unit is *7MSHL-Alpine Mixed Lithology Mountains, High Elevation*.

Plate 49. Hummocks with Steller cassiope (*Cassiope stelleriana*) and crowberry (*Empetrum hermaphroditum*) on their tops and lichen in between the hummocks give the ground a pebbly appearance from the air. The soil component in the foreground is *Alpine-dwarf scrub silty till hummocks*, a part of map unit *9TM3-Alpine Cirque Valleys*.

Plate 50. A Spodosol or “podzol” formed in a thin layer of loess over porous sand on relict sand dunes in the Yukon-Kuskokwim Bottomlands Section. The soil component is *Boreal-forested sandy hills*, a component in map unit *3FU3-Boreal Eolian Plains and Dunes with Discontinuous Permafrost*.

Plate 51. Alder (*Alnus spp*.) and willow (*Salix spp*.) scrub vegetation on flood plains are indicators of fluvial processes associated with periodic flooding disturbance. This is on soil component *Boreal-riparian scrub gravelly flood plains, moderately wet and warm*, a part of map unit *13FP-Boreal Flood Plains*.

Plate 52. This profile illustrates the indicators of hydromorphic processes including the stripping of mineral pigments resulting in the neutral gray through bluish color. Note the buried surface horizon at 20 centimeters that also indicates fluvial processes. The soil component is *Boreal-riparian scrub loamy wet flood plains*, a minor component in map unit *11FP-Boreal Flood Plains, High Elevation*.

Plate 53. Aquifer wet soils along flood plains within the Cook Inlet Lowlands Section. Light green areas include wet meadows of water sedge (*Carex aquatilis)* and water horsetail (*Equisetum fluviatile*). Darker areas are Sitka alder (*Alnus sinuata)* scrub. The map unit is *13FWW-Boreal Flood Plains, Very Wet*.

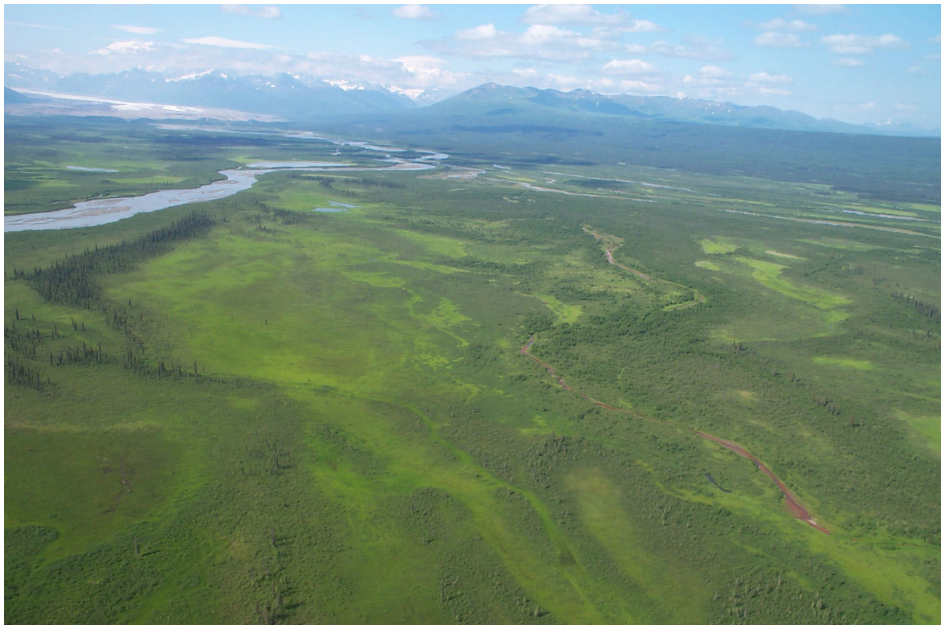


Plate 54. Tufted bulrush wet meadow, a vegetative indicator of hydromorphic processes is illustrated below. This is a rare community in an area of groundwater discharge in the Yukon-Kuskokwim Bottomlands Section. The soil component illustrated here is *Boreal-riparian fen organic depressions*, a major component in map unit *1STW2-Boreal Groundwater Discharge Plains with Discontinuous Permafrost*.

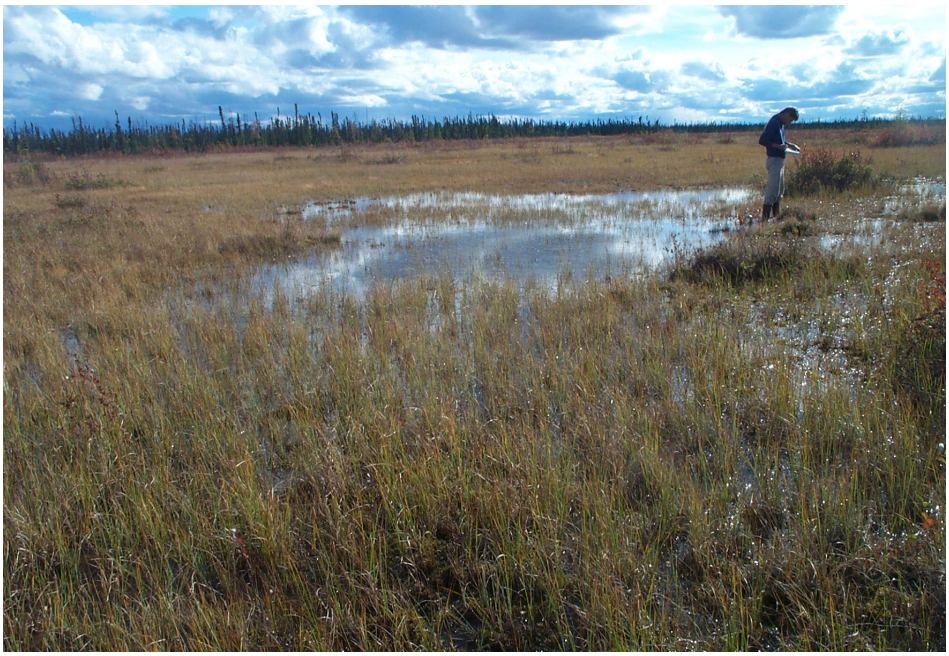


Plate 55. Topographically wet soils in bogs of the Yukon-Kuskokwim Bottomlands. *Boreal-bog organic depressions*, is a minor component in map unit *3FU2-Boreal Peat Plateaus and Loess Plains with Continuous Permafrost*.

Plate 56. The arrow points to a typical landscape position and associated vegetation of topographically wet soils found in swales on mountain foot slopes. These soils are seasonally wet from moisture that runs in from the adjacent slopes. The soil component is of *Alpine-scrub-meadow mosaic gravelly till swales* a component in map unit *7TM1-Alpine Glaciated Mountains with Discontinuous Permafrost, High Elevation*.

Plate 57. Shrub birch (*Betula glandulosa* and *B. nana*) is extensive in alpine areas below about 1,100 meters elevation. The map unit illustrated is *7TP-Alpine Till Plains with Discontinuous Permafrost*.

Plate 58. A relict sand dune within the Yukon-Kuskokwim Bottomlands Section. Ericaceous understory vegetation, illustrated here, contributes resinous litter to the soil surface and promotes the development of Spodosols on these landforms. The soil component is *Boreal-forested sandy hills*, a component in map unit *3FU3-Boreal Eolian Plains and Dunes with Discontinuous Permafrost*.

Plate 59. The upper elevation limit of vegetation in Denali includes scree slopes with sparse plant cover (illustrated in the background) that transition to a belt of low vegetation consisting of dwarf shrub scrubs and herbaceous meadows in the foreground and photo left. A lichen-dwarf scrub community dominates the low ridge in the foreground and is a part of the soil component *Alpine-dwarf scrub gravelly till steps and lobes*, a part of map unit *7TM1-Alpine Glaciated Mountains with Discontinuous Permafrost, High Elevation*.

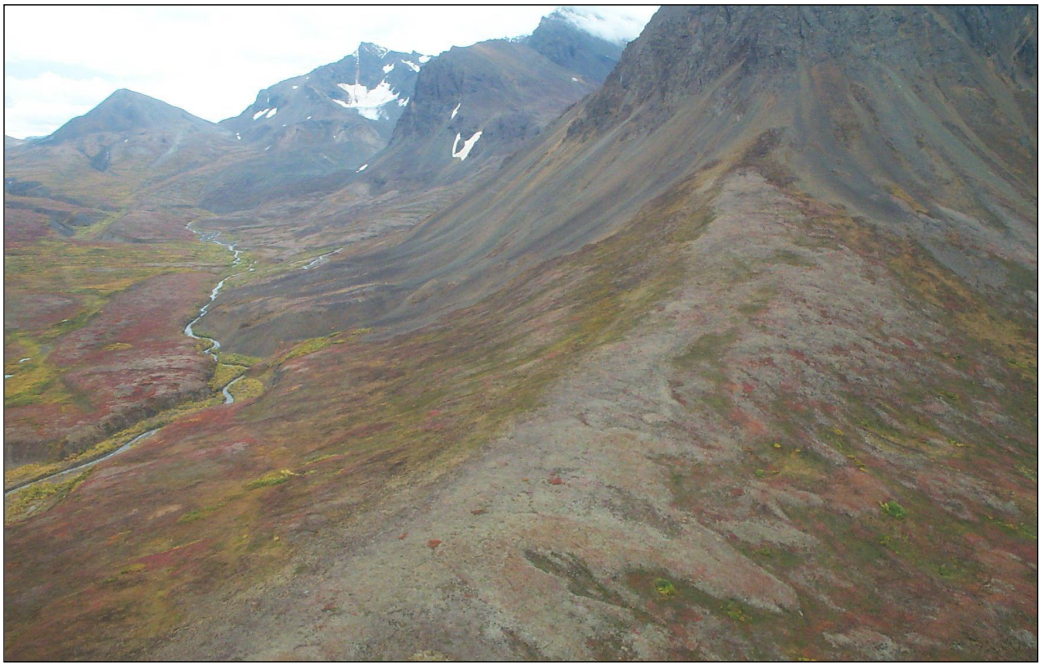


Plate 60. Mid-elevation slopes in mountains are covered with low to medium-sized shrubs of willow or birch (illustrated in the foreground). These are interspersed with and grade into taller scrubs of alder scrub (illustrated in the background). The map unit is *5SA11-Alpine and Subalpine Schist Mountains*.

Plate 61. Woodland muskegs, wet meadows, bogs and fens are extensive features within the Yukon-Kuskokwim Bottomlands Section. The map units are *1ST-Boreal Plains with Discontinuous Permafrost* in the mid-ground, *1ST1-Boreal Terraces with Discontinuous Permafrost, Minchumina Basin* in the foreground and background, and *W-Water* throughout the photo.

Plate 62. Isolated patches of dwarfed aspen and poplar (*Populus balsamifera* ssp. *balsamifera*) are found on the upper edges of south-facing slopes within the Alaska Mountains Section. The map unit is *10ES-Subalpine and Alpine Plateau Escarpments with Discontinuous Permafrost*.

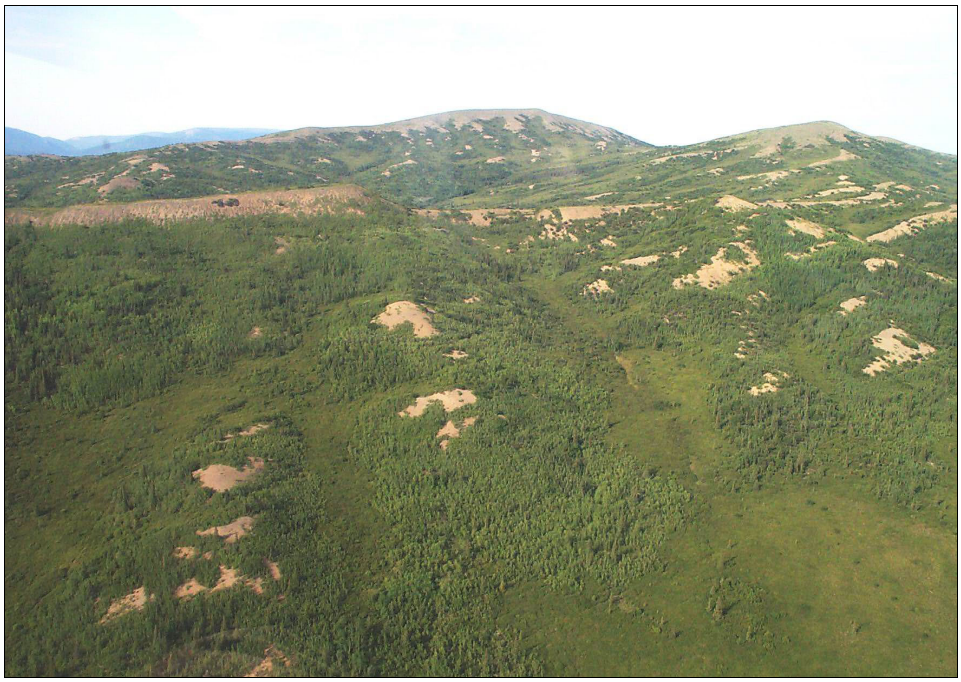


Plate 63. Thin bands of well-drained river terraces support forests and woodlands of white spruce, balsam poplar, and communities of tall alder and willow thickets which are typical of map unit *2FP3-Boreal Flood Plains with Discontinuous Permafrost*.

Plate 64. Large lakes with narrow strands of bluejoint grass (*Calamagrostis spp*.) over a meter tall running parallel to the shoreline are common within the Yukon-Kuskokwim Bottomlands Section and are associated with the map unit *W-Water*.

Plate 65. A majority of the south side communities within the Park's borders are alpine and subalpine scrubs illustrated in the photo below. The map unit *9SA5-Subalpine Mountain Colluvial Slopes* is in the mid-ground and *13FPW-Boreal Flood Plains and Terraces, Wet* is in the valley bottom in the lower right corner.

Plate 66. Only small areas of the Cook Inlet Section are included within the borders of Denali National Park. Illustrated are riverine and upland communities typical of the Section. The map units are *13FWW-Boreal Flood Plains, Very Wet* in the foreground and *12HS2-Boreal Glaciated Hills and Plains* in the upper right.

Plate 67. Dense stands of Sitka alder (Alnus sinuata) scrub with an understory of shield fern (Dryopteris dilatata) on soil component *Subalpine-scrub-meadow mosaic gravelly colluvial slopes*, a part of map unit *9SA5-Subalpine Mountain Colluvial Slopes*.

Plate 68. Herbaceous meadows of bluejoint (*Calamagrostis canadensis*) and tall forbs such as lady fern (*Athyrium filix-femina*), fireweed (*Epilobium angustifolium*), and corn lily (*Veratrum viride*) form a complex mosaic of vegetation with Sitka alder (*Alnus sinuata*). The soil component is *Subalpine-scrub-mosaic silty till slopes,* a part of map unit *9SA6-Subalpine Glaciated Mountains*.

Plate 69. Wet sedge meadows are scattered throughout mountain foot slopes in the South Central Mountains Section. Found here are few-flowered sedge (*Carex pauciflora*) and tufted bulrush, broken by shallow flarks that run perpendicular to the direction of the slope. The soil component is *Alpine-sedge wet meadow organic depressions*, a part of map unit *9SA61-Subalpine Glaciated Benches on Lower Mountain Slopes*.

Plate 70. Alluvial fans with woodlands and forests of paper birch (*Betula neoalaskana*), mixed paper birch-white spruce woodlands, or balsam poplar (*Populus balsamifera*) are scattered along rivers of the Cook Inlet Lowlands. The map unit is *9AF2-Boreal Fans*.

Plate 71. Alaska douglasia (*Douglasia alaskana*), though globally uncommon, is to be expected within the study area, since Denali is at the center of their ranges. This specimen is located on soil component *Interior-nonvegetated rock outcrop, ice, talus and drift*, a part of map unit *7MSHD-Alpine Dark Sedimentary Mountains, High Elevation*.

Plate 72. Rattlesnake fern (*Botrychium virginianum*) a plant rarely observed in Denali National Park. This specimen was found on soil component *Boreal-riparian gravelly high flood plains, Cook Inlet* in map unit *9AF2-Boreal Fans*.

Plate 73. Salmonberry (*Rubus spectabilis*), a plant rarely observed in Denali National Park. This observation was on soil component *Alpine-scrub gravelly wet till swales*, a part of map unit *9SA61-Subalpine-Glaciated Benches on Lower Mountain Slopes*.

Plate 74. Aleutian mountainheath (*Phyllodoce aleutica)* near the Kahiltna Glacier. This plant, once considered uncommon in the area, is in soil component *Alpine-dwarf scrub gravelly colluvial slopes,* a part of map unit *9MSH-Alpine Mountains*.

Figure 2. Denali National Park ECOMAP-Section Map

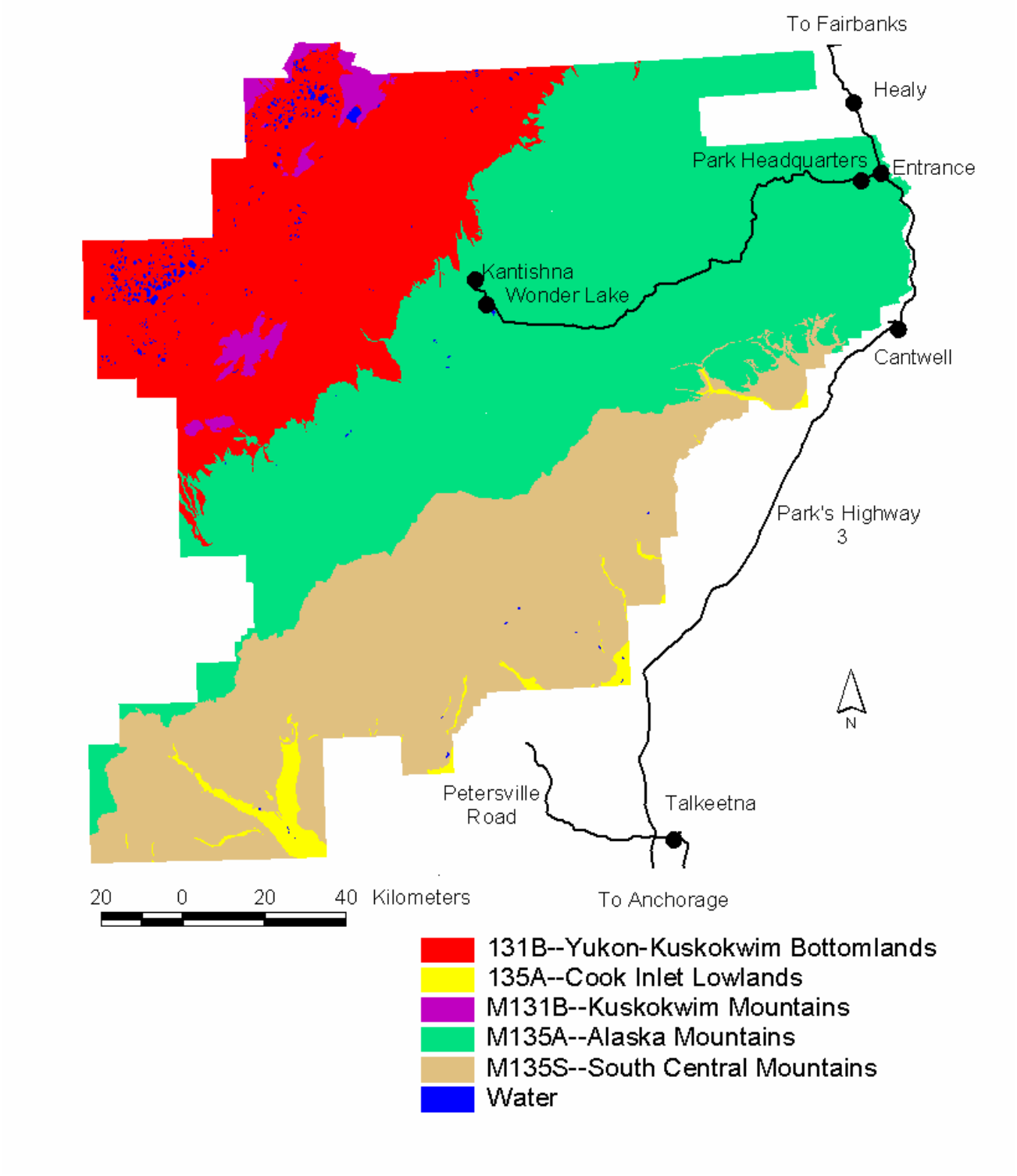


Figure 3. Denali National Park-Alaska Range Physiographic area including the Alaska Mountains Section and the South Central Mountains Section

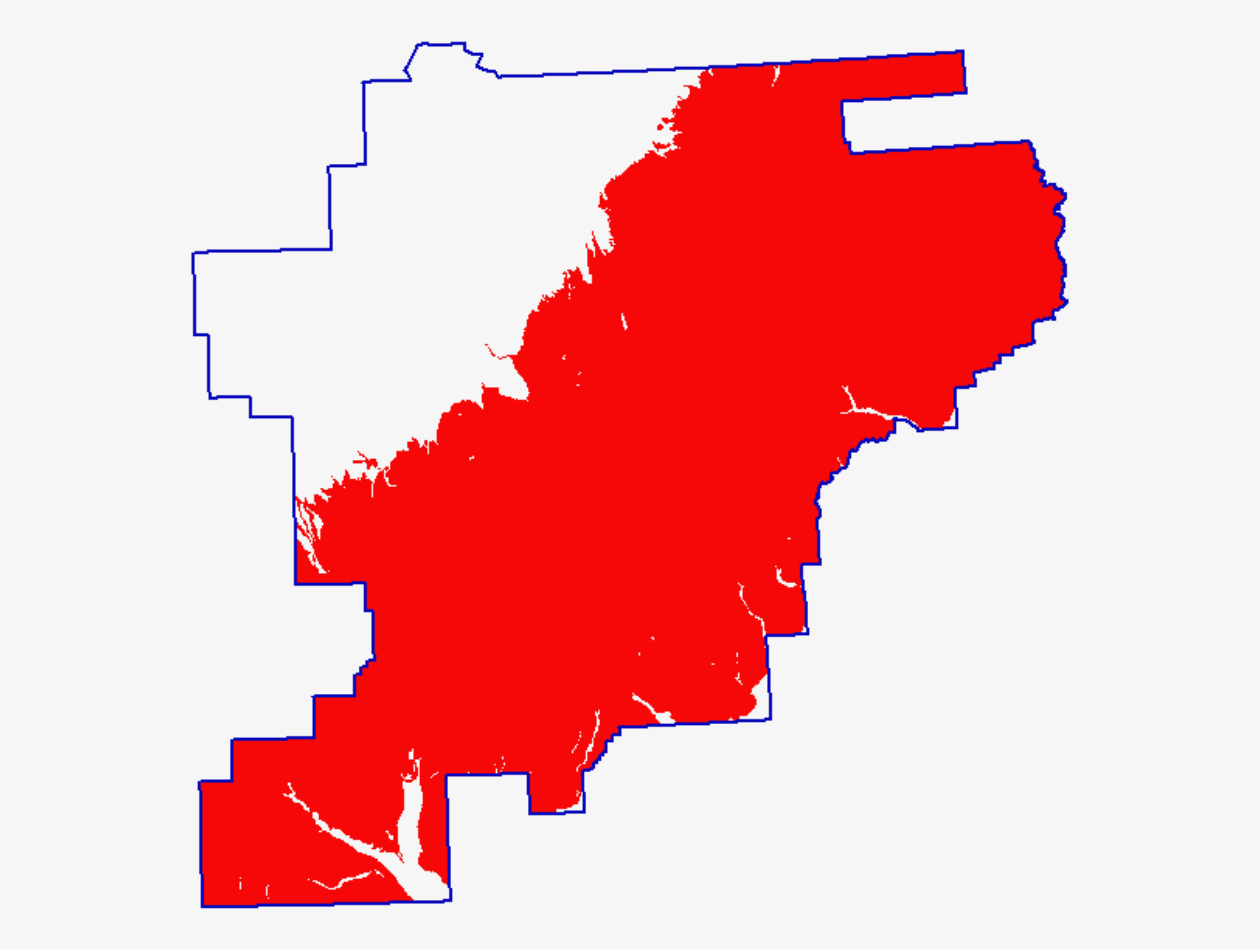
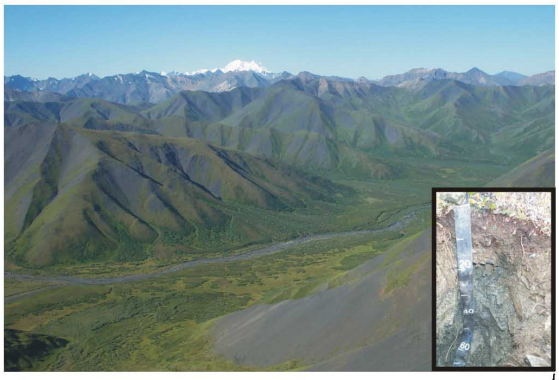
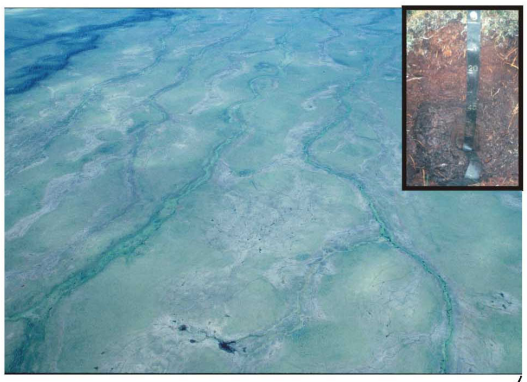


Figure 4. Typical Landscapes, Vegetation, and Soils of Northeastern Denali Park

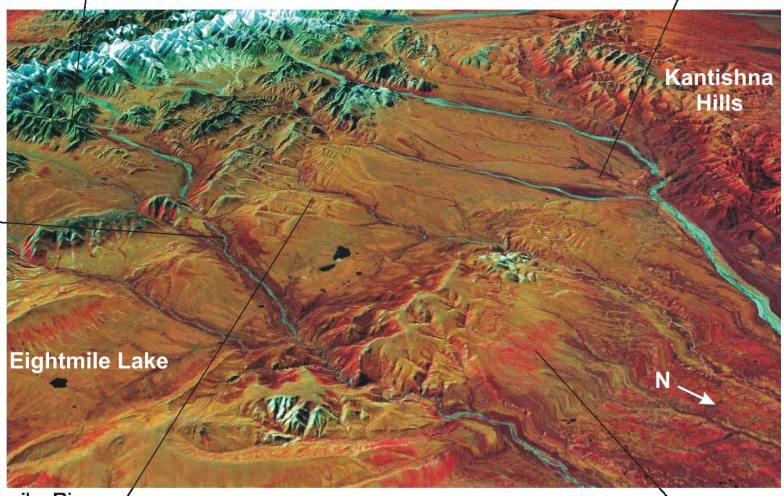


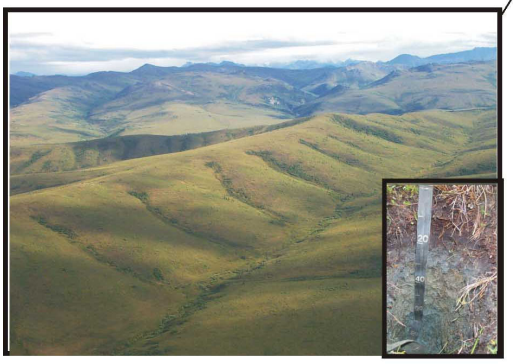
Landform and Location: Mountains, Upper Sanctuary River
Landtype: Gravelly mountains, high elevation
PNC: White mountain avens-mixed ericaceous shrub dwarf alpine scrub
Soils: Alpine-dwarf scrub dark gravelly colluvial slopes



Landform and Location: Plains, Lower Toklat Basin
Landtype: Peat mounds
PNC: Cloudberry/sphagnum moss wet meadow
Soils: Alpine-scrub organic mounds, frozen

Landform and Location: Flood plains, Lower Teklanika River
Landtype: Gravelly flood plains
PNC: White spruce-poplar/soapberry forest
Soils: Boreal-riparian scrub gravelly flood plains, moderately wet





Landform and Location: Low mountains, Upper Sushana River
Landtype: Gravelly frozen slopes
PNC: Shrub birch-mixed ericaceous shrub/sedge scrub
Soils: Alpine-scrub-sedge gravelly slopes, frozen

Landform and Location: Plateaus and mountains, Northeast Corner of Park
Landtype: Loamy frozen slopes
Late serial fire community of white spruce-black spruce/shrub birch woodland
Soils: Boreal-taiga gravelly slopes, frozen

Figure 5. Typical Landscapes, Vegetation, and Soils of Northwestern Denali Park

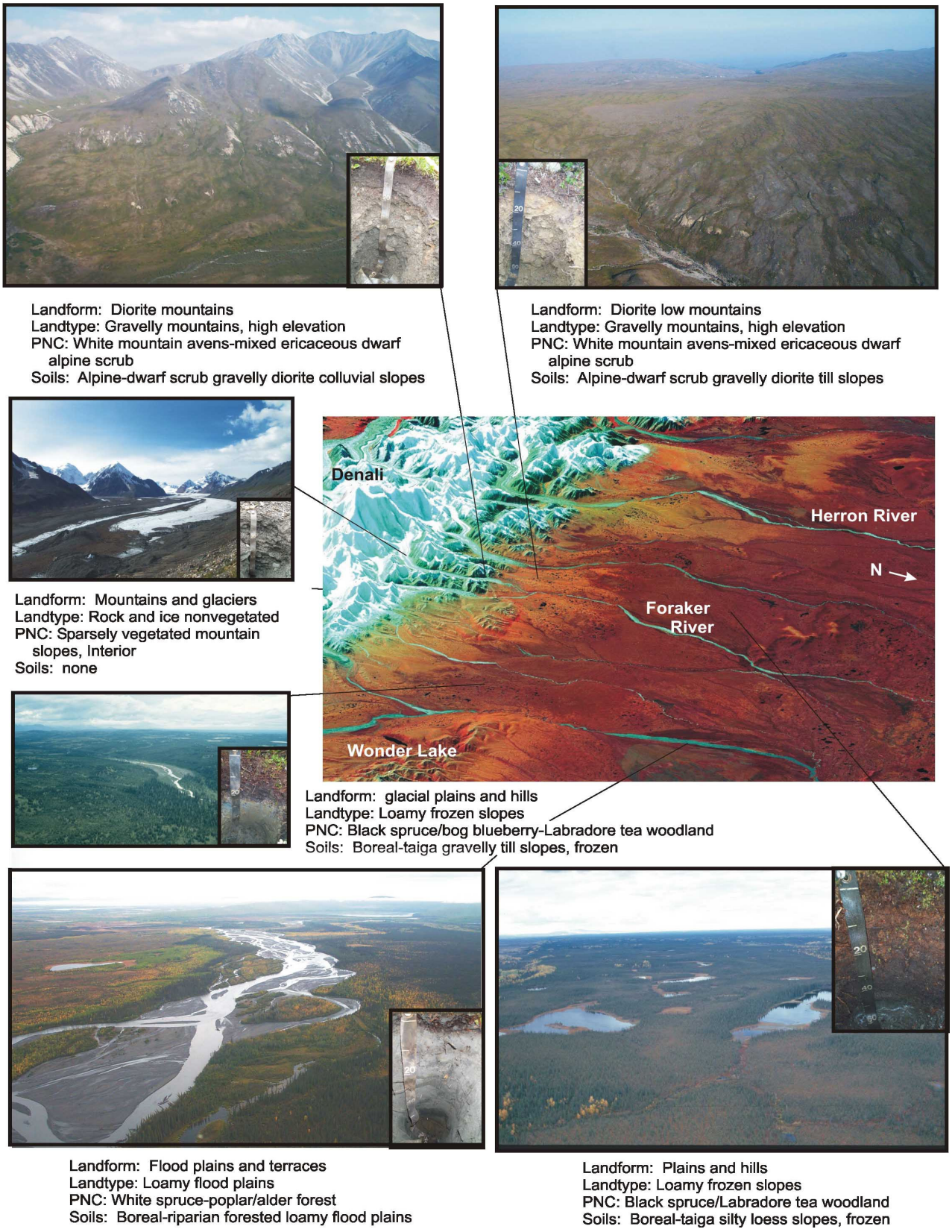


Figure 6. Typical Landscapes, Soils, and Vegetation of the Yentna River Area, Southern Denali Park

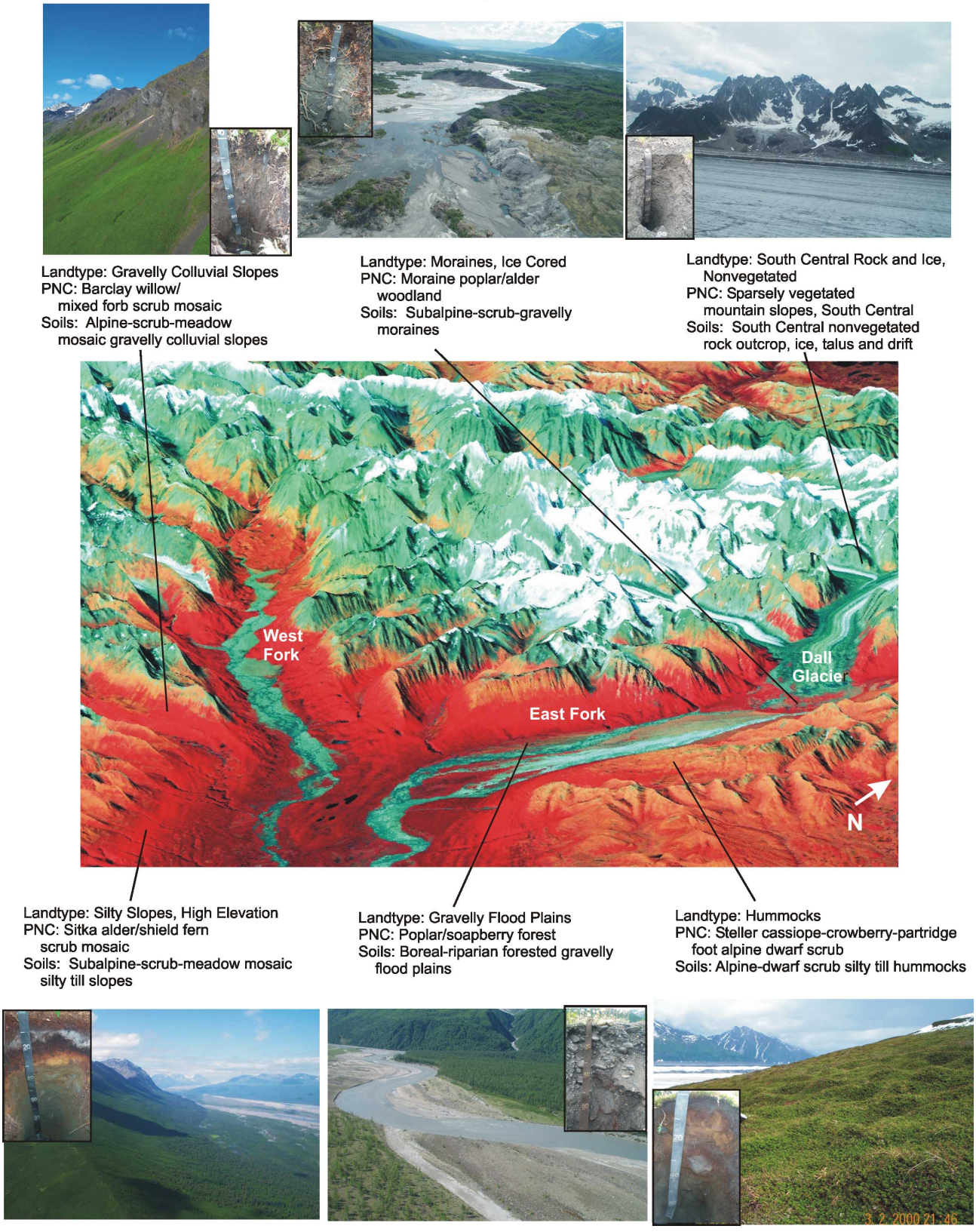


Figure 7. Denali National Park-Distribution of the two major climates

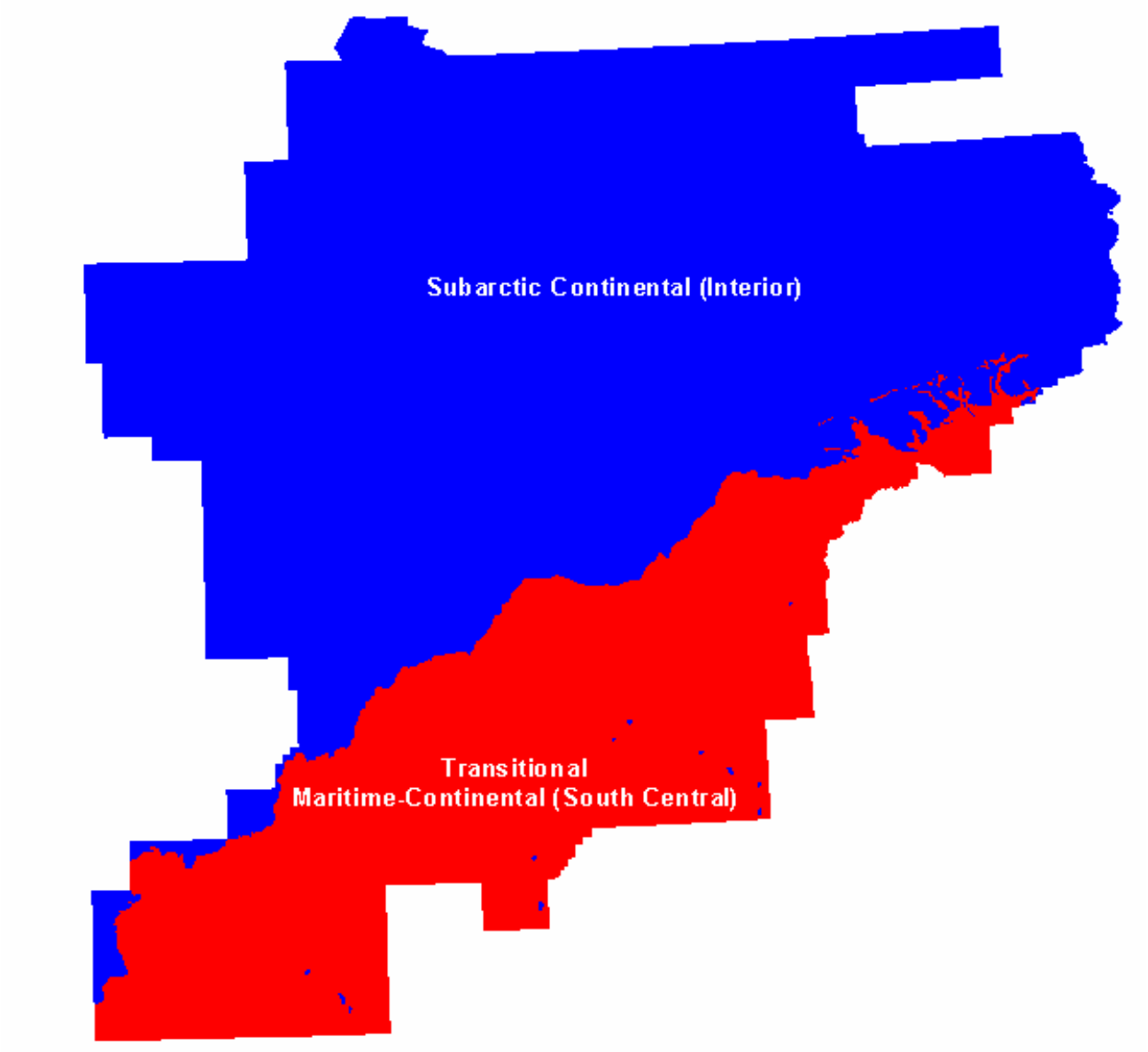


Figure 8. Denali National Park-Distribution of Permafrost.

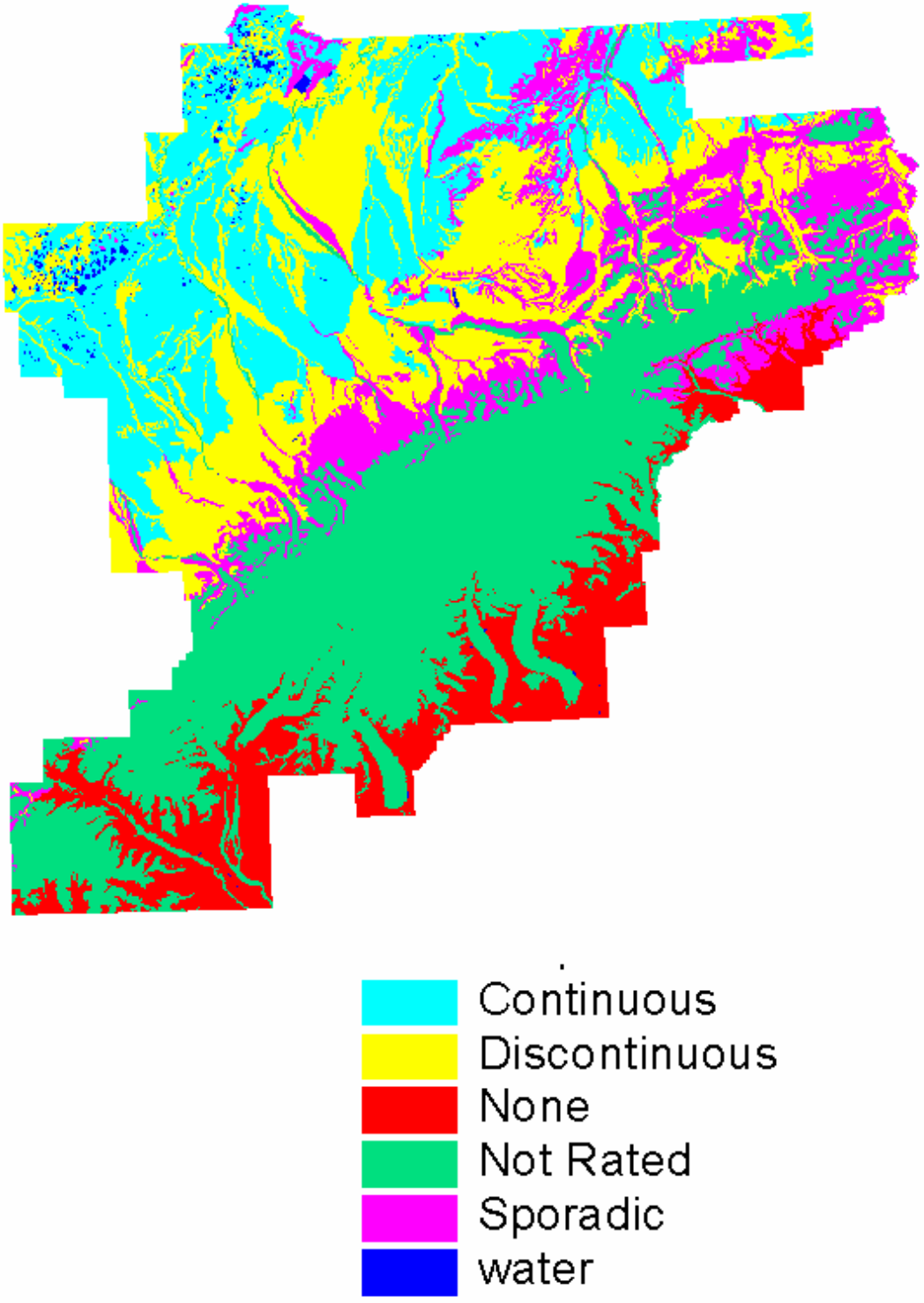


Figure 9. Denali National Park-General Potential Natural Vegetation Distribution

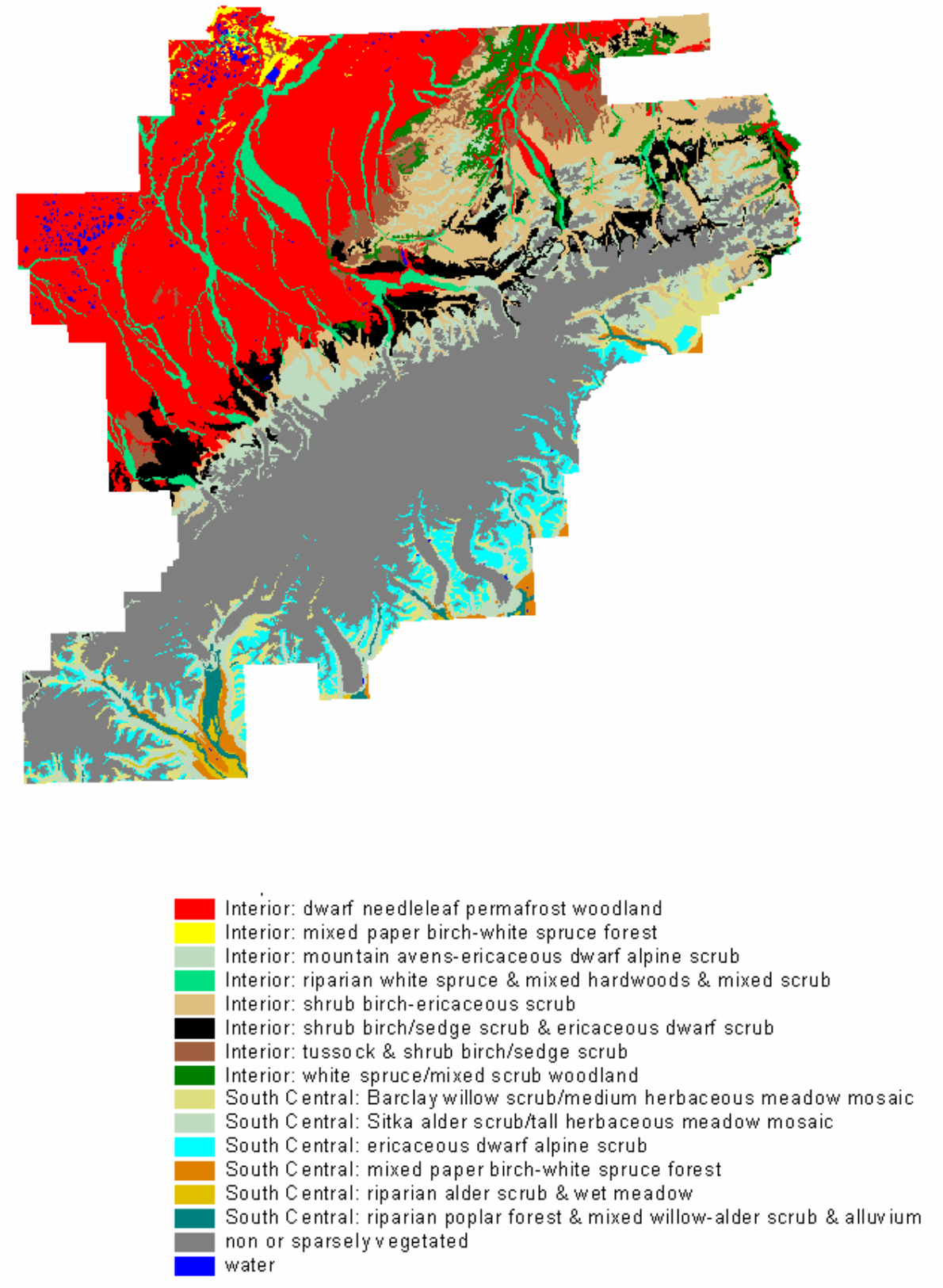


Figure 11. Denali National Park-Distribution of bedrock and unconsolidated sediments

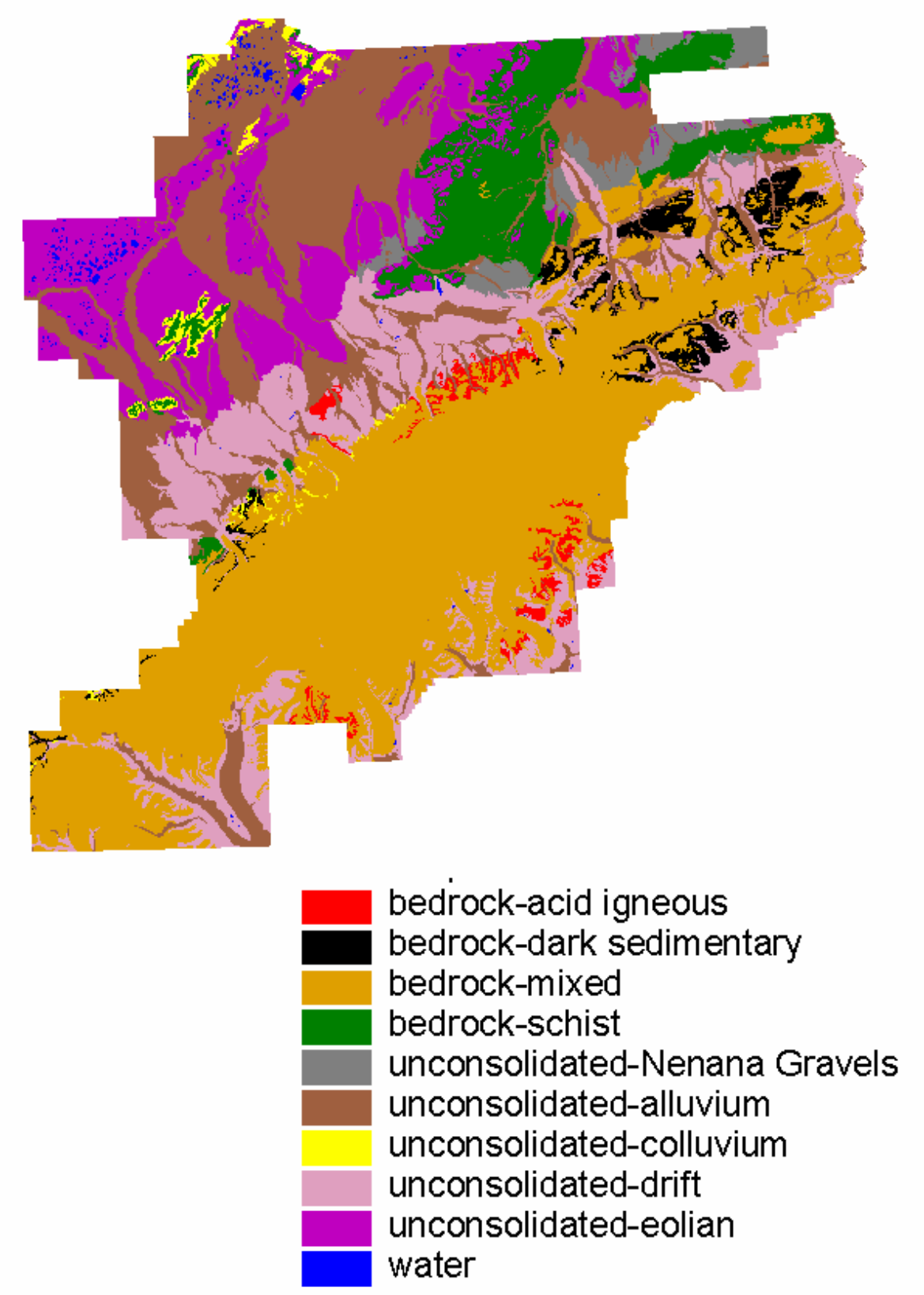


Figure 12. Denali National Park-Distribution of soil and geomorphic processes

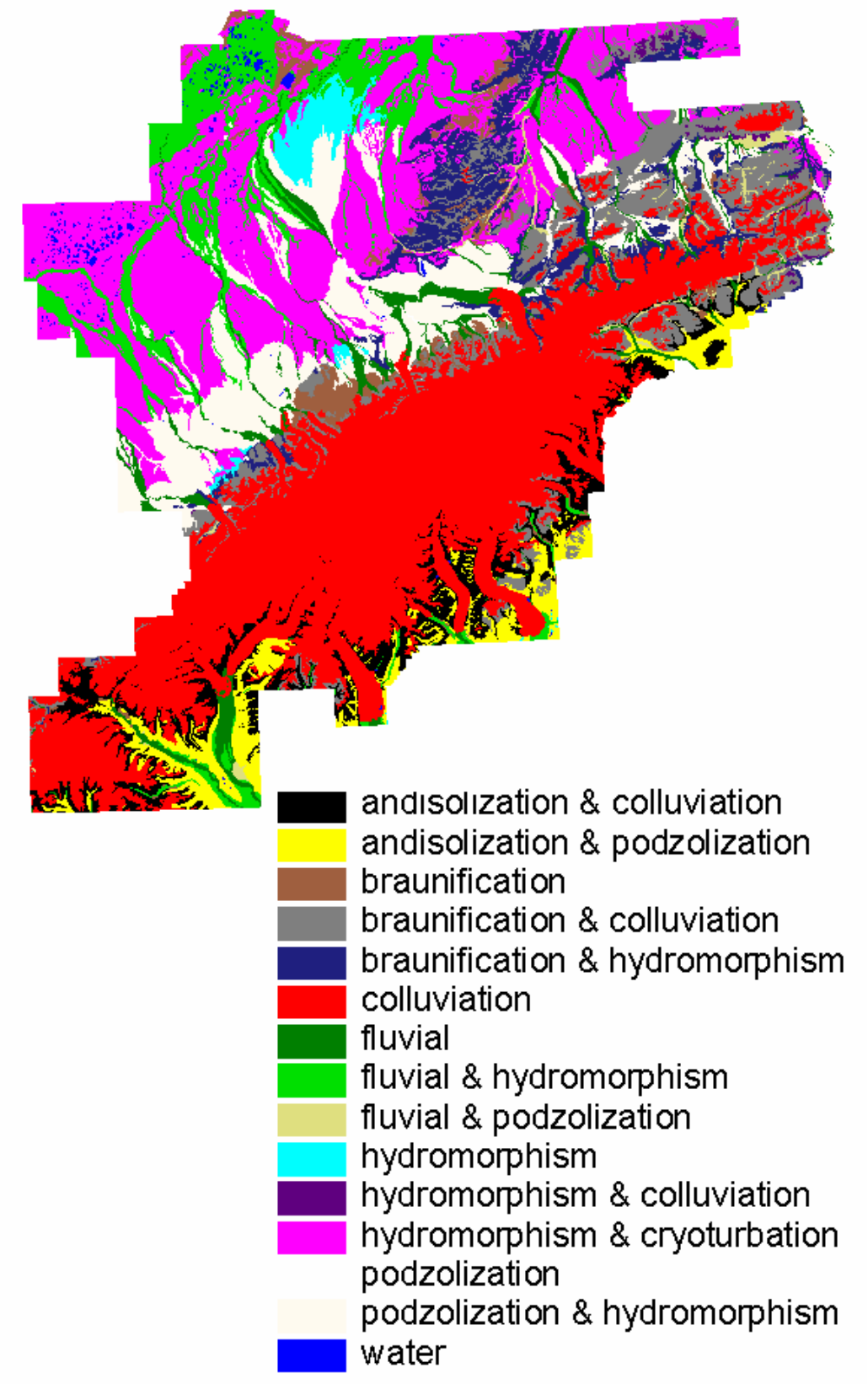
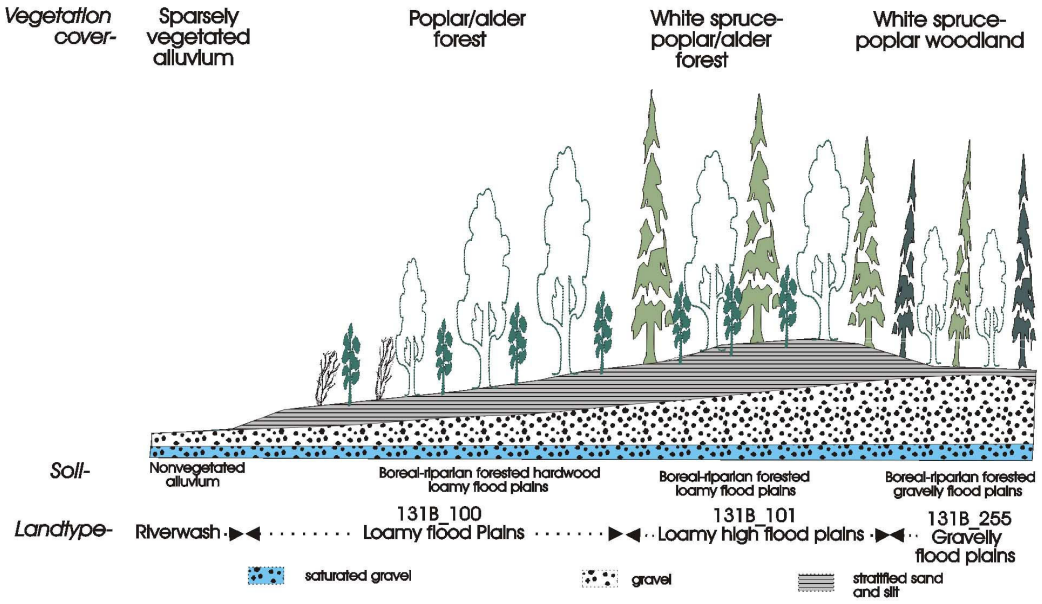
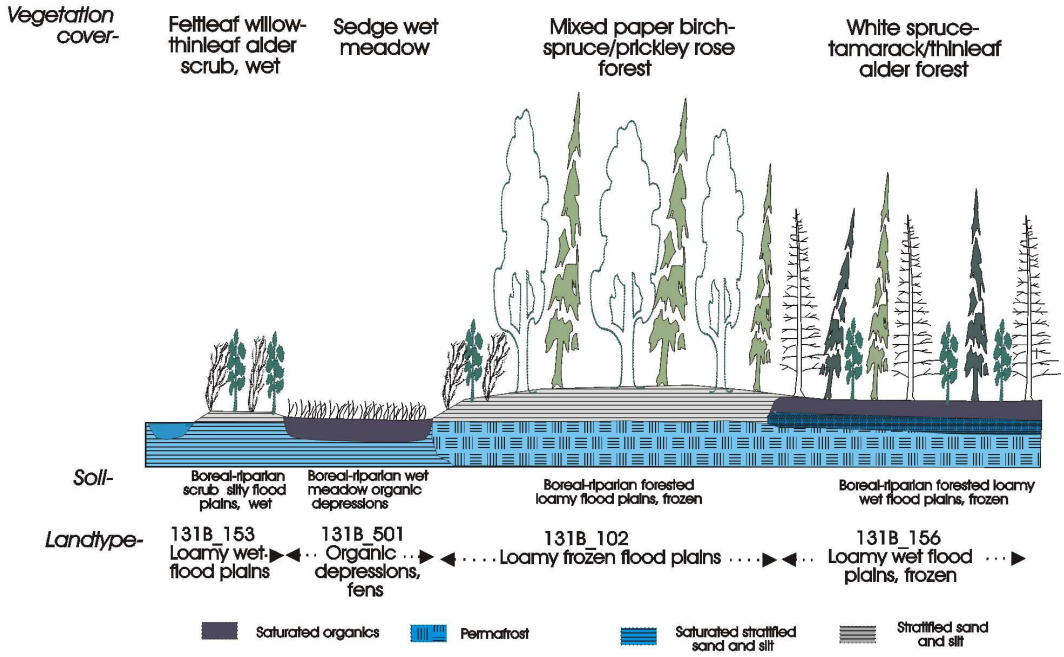


Figure 13. Cross sections of two flood plain map units within the Yukon-Kuskokwim Bottomlands Section

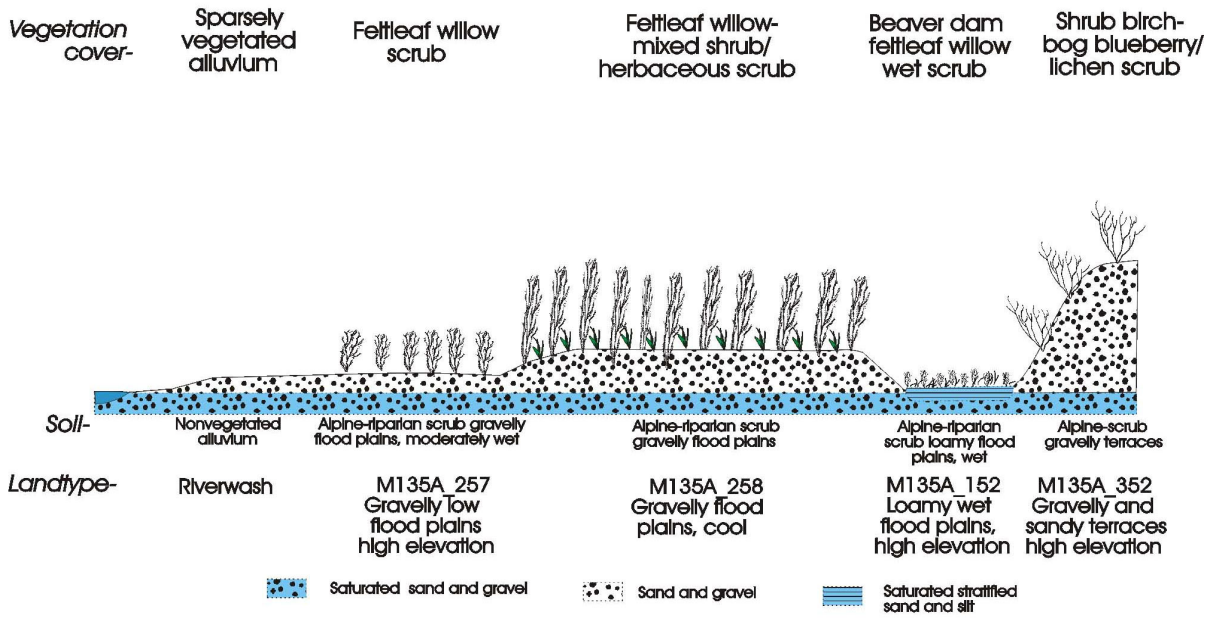


Cross section of vegetation, soils, and Landtypes within Map Unit 2FP3 in the Yukon-Kuskokwim Bottomlands.Lowland Flood Plains and Terraces Subsection(131B.V1).

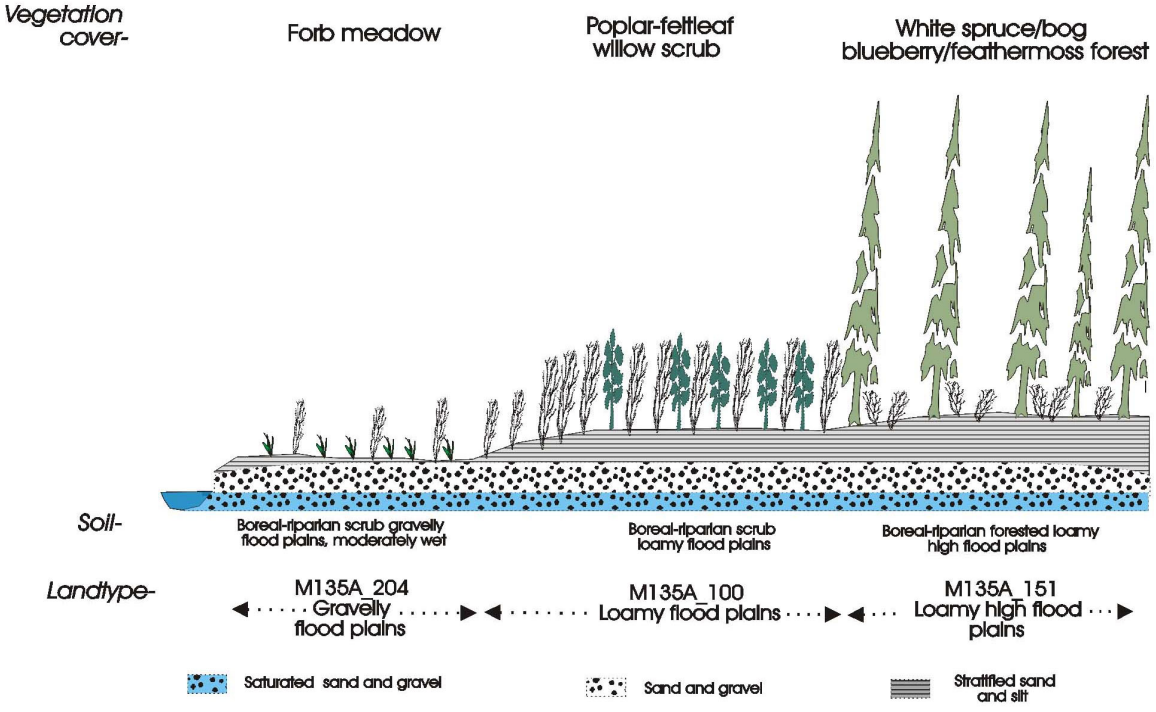


Cross section of vegetation, soils, and Landtypes within Map Unit 1FP4 in the Yukon-Kuskokwim Bottomlands.Lowland Flood Plains and Terraces Subsection(131B.V1).

Figure 14. Cross sections of two flood plain map units within the Alaska Mountains Section



Cross section of vegetation, soils, and Landtypes within Map Unit 7FP2 in the Alaska Mountains.Alpine Flood Plains, Terraces and Fans Subsection(M135A.V1).



Cross section of vegetation, soils, and Landtypes within Map Unit 7FP1 in the Alaska Mountains.Lowland Flood Plains, Terraces and Fans Subsection(M135A.V1L).

Tables

Table 1. Monthly Precipitation and Temperature Summaries for Minchumina, Alaska (station 505881) (Elevation: 210 meters)

Month	Temperature (Degrees C)		Average Total Precipitation (mm)	Average Total Snow Fall (cm)	Average Snow Depth (cm)
	Average Maximum	Average Minimum			
January	-15.9	-24.8	11.2	19	38
February	-12.6	-23.7	7.1	14	46
March	-4.0	-18.2	5.8	11	46
April	4.6	-9.1	7.4	9	30
May	13.6	0.6	25.7	2	3
June	20.1	7.5	49.8	0	0
July	22.0	9.9	71.1	0	0
August	18.3	7.3	63.0	0	0
September	12.1	2.2	32.0	2	0
October	-1.0	-8.3	22.9	27	5
November	-11.8	-20.1	14.0	23	18
December	-14.7	-24.0	15.5	28	28
Annual	2.6	-8.4	325.4	134	18

Period of Record: 6/1/1967 to 3/31/2003

Table 2. Monthly Precipitation and Temperature Summaries for McKinley Park, Alaska (station 505778) (Elevation 631 meters)

Month	Temperature (Degrees C)		Average Total Precipitation (mm)	Average Total Snow Fall (cm)	Average Snow Depth (cm)
	Average Maximum	Average Minimum			
January	-12.3	-21.8	17.0	27	43
February	-9.1	-20.4	14.7	25	51
March	-3.8	-17.2	12.2	20	53
April	3.6	-9.2	9.4	13	46
May	11.8	-1.4	20.6	8	8
June	17.8	4.1	59.4	1	0
July	19.1	6.2	81.3	0	0
August	16.2	4.3	65.5	0	0
September	10.3	-0.8	40.4	11	3
October	-0.1	-10.1	25.1	35	8
November	-7.8	-17.1	21.1	33	20
December	-11.8	-21.1	22.9	34	33
Annual	2.8	-8.7	389.6	207	23

Period of Record: 9/1/1949 to 3/31/2003

Table 3. Monthly Precipitation and Temperature Summaries for Talkeetna, Alaska (station 508976) (Elevation: 107 meters)

Month	Temperature (Degrees C)		Average Total Precipitation (mm)	Average Total Snow Fall (cm)	Average Snow Depth (cm)
	Average Maximum	Average Minimum			
January	-6.8	-16.8	35.6	47	69
February	-3.4	-14.8	39.4	51	76
March	0.9	-12.4	33.3	43	79
April	6.9	-4.9	34.3	23	46
May	13.6	1.3	38.6	2	5
June	18.7	7.2	59.2	0	0
July	19.9	9.6	86.1	0	0
August	18.0	7.8	118.9	0	0
September	13.0	2.8	105.9	3	0
October	4.2	-4.7	69.9	29	5
November	-3.2	-12.4	43.4	49	20
December	-6.7	-16.2	44.2	58	43
Annual	6.2	-4.4	708.7	306	28

Period of Record: 9/1/1949 to 3/31/2003

Table 4. Hierarchy of Ecological Units for Denali National Park Section, Subsection, and Landtype Associations (Soil Map Units)

131B Yukon-Kuskokwim Bottomlands Section

131B.L1 Yukon-Kuskokwim Bottomlands.Eolian Lowlands Subsection

3BG	Boreal Wet Meadows and Bogs
3C	Boreal Colluvial Hill Footslopes with Continuous Permafrost
3DH	Boreal Loess Footslopes and Gravelly Colluvial Hills With Continuous Permafrost
3FG	Boreal Loess Plains with Continuous Permafrost
3FG3	Boreal Loess Plains and Peat Plateaus with Continuous Permafrost
3FP1	Boreal Flood Plains and Terraces with Discontinuous Permafrost
3FP3	Boreal Mica Rich Terraces and Flood Plains with Discontinuous Permafrost
3FU	Boreal Loess Plains and Hills with Continuous Permafrost
3FU2	Boreal Peat Plateaus and Loess Plains with Continuous Permafrost
3FU3	Boreal Eolian Plains and Dunes with Discontinuous Permafrost
3FU4	Boreal Loess Plains, Hills, and Drains with Continuous Permafrost
3Y	Boreal Ice Cored Loess Hills and Plains with Continuous Permafrost

131B.V1 Yukon-Kuskokwim Bottomlands.Lowland Flood Plains & Terraces Subsection

2FG	Boreal Terraces with Continuous Permafrost, Very Wet
2FP2	Boreal Schist Flood Plains with Discontinuous Permafrost
2FP3	Boreal Flood Plains with Discontinuous Permafrost
2FW2	Boreal Terraces and High Flood Plains with Continuous Permafrost
2P	Boreal Plains with Continuous Permafrost
2ST	Boreal Terraces with Discontinuous Permafrost
2ST2	Boreal Mid to High Level Flood Plains

131B.V2 Yukon-Kuskokwim Bottomlands.Minchumina Basin Lowlands Subsection

1FP	Boreal Flood Plains with Discontinuous Permafrost, Minchumina Basin
1FP2	Boreal Terraces and Flood Plains with Discontinuous Permafrost
1FP4	Boreal Flood Plains and Terraces with Discontinuous Permafrost, Wet
1FW1	Boreal Terraces with Continuous Permafrost
1ST	Boreal Plains with Discontinuous Permafrost
1ST1	Boreal Terraces with Discontinuous Permafrost, Minchumina Basin
1STW	Boreal Terraces with Continuous Permafrost, Wet
1STW2	Boreal Groundwater Discharge Plains with Discontinuous Permafrost
G1	Nonvegetated Alluvium, Yukon-Kuskokwim Bottomlands

135A Cook Inlet Lowlands Section

135A.G1 Cook Inlet Lowlands.Glaciated Lowlands Subsection

12B	Boreal Bogs
12HS2	Boreal Glaciated Hills and Plains
9TMF	Boreal and Subalpine Lower Mountain Slopes

135A.V1 Cook Inlet Lowlands.Lowland Flood Plains & Terraces & Fans Subsection

13F21	Subalpine and Alpine Diorite Flood Plains

135A.V1 Cook Inlet Lowlands.Lowland Flood Plains & Terraces & Fans Subsection

13F22	Alpine Diorite Flood Plains and Wet Mountain Toeslopes
13FP	Boreal Flood Plains
13FP2	Boreal Flood Plains, Dry
13FPW	Boreal Flood Plains and Terraces, Wet
13FWW	Boreal Flood Plains, Very Wet
9AF	Subalpine Fans
9AF2	Boreal Fans
9CE	Alpine, Subalpine, and Boreal Recent Moraines

Table 4. Hierarchy of Ecological Units for Denali National Park Section, Subsection, and Soil Map Units—Continued

9V12	Alpine Fans and Flood Plains, High Elevation
G2	Nonvegetated Alluvium, Cook Inlet Lowlands
M131B Kuskokwim Mountains Section	
M131B.M1A Kuskokwim Mountains.Alpine Low Mountains Subsection	
4S1	Alpine Low Schist Mountain Summits with Continuous Permafrost
M131B.M1 Kuskokwim Mountains.Boreal Low Mountains Subsection	
4BS	Boreal Schist Mountain Backslopes with Discontinuous Permafrost
4BSS	Boreal Mica Rich Low Mountains
4FS	Boreal Mica Rich Low Mountain Footslopes with Continuous Permafrost
4TS	Boreal Mica Rich Mountain Toeslopes with Continuous Permafrost
M135A Alaska Mountains Section	
M135A.B1 Alaska Mountains.Nonvegetated Alpine Mountains Subsection	
NV1	Nonvegetated Mountains, Alaska Mountains
M135A.G1 Alaska Mountains.Glaciated Uplands Subsection	
7FGA	Alpine Plains and Hills with Continuous Permafrost, Nenana Gravels
7NG	Alpine Plains and Hills with Discontinuous Permafrost, Nenana Gravels
7NG2	Alpine Backslopes on Hills, Nenana Gravels
7P1	Alpine Glaciated Plains and Hills with Discontinuous Permafrost
7TP	Alpine Till Plains with Discontinuous Permafrost
7TP2	Alpine Till Plains and Hills with Discontinuous Permafrost
7TP8	Alpine Glaciated Diorite Plains and Hills
M135A.G1L Alaska Mountains.Glaciated Lowlands Subsection	
7ES	Boreal and Alpine Escarpments
7P2	Boreal Glaciated Plains and Hills
7P4	Boreal Glaciated Plains and Hills with Discontinuous Permafrost
7P6	Boreal Outwash Plains with Continuous Permafrost
7TP3	Boreal and Alpine Hills with Discontinuous Permafrost
7TP4	Boreal and Alpine Till Plains with Continuous Permafrost
7TP5	Boreal and Alpine Till Plains and Hills with Discontinuous Permafrost
M135A.M1 Alaska Mountains.Alpine Outer Range & Kantishna Hills Subsection	
5P1	Alpine Schist Mountain Summits with Discontinuous Permafrost
5SA1	Alpine Schist Mountains
5SA11	Alpine and Subalpine Schist Mountains
5SA2	Alpine and Subalpine Schist Lower Mountain Slopes with Discontinuous Permafrost, Cool
5TS1	Alpine Schist Lower Mountain Slopes with Discontinuous Permafrost, Warm
8LM	Alpine Low Loess Mountains with Discontinuous Permafrost
8LM1	Alpine Low Schist Mountains with Discontinuous Permafrost
8LMV	Alpine and Subalpine Schist Mountain Valleys
8MBS	Alpine Schist Mountains with Discontinuous Permafrost
8MFS	Alpine and Subalpine Schist Lower Mountain Slopes with Discontinuous Permafrost
8MS	Alpine Schist Mountain Ridges with Discontinuous Permafrost
M135A.M1L Alaska Mountains.Boreal Outer Range & Kantishna Hills Subsection	
5MS21	Boreal and Subalpine Schist Mountains with Discontinuous Permafrost
8LMF	Boreal Lower Mountain Slopes, Thermokarsted
8MFS1	Boreal Schist Lower Mountain Slopes with Continuous Permafrost
8MVF	Boreal and Subalpine Schist Mountain Valleys

Table 4. Hierarchy of Ecological Units for Denali National Park Section, Subsection, and Soil Map Units—Continued

M135A.M2 Alaska Mountains.Alpine Mountains Subsection

7CE	Alpine Recent Moraines
7CEF	Alpine Recent Moraines, Diorite
7MFA	Alpine Schist Lower Mountain Slopes with Discontinuous Permafrost
7MS1D	Alpine Dark Sedimentary Mountains
7MS1L	Alpine Mixed Lithology Mountains
7MS3	Alpine Glaciated Mountains with Discontinuous Permafrost
7MS31	Alpine Glaciated Mountain Summits and Benches with Discontinuous Permafrost
7MSA	Alpine Diorite Mountains, Interior
7MSC	Alpine Mountain Fans
7MSHD	Alpine Dark Sedimentary Mountains, High Elevation
7MSHL	Alpine Mixed Lithology Mountains, High Elevation
7MSHS	Alpine Schist Mountains, High Elevation
7SA1	Alpine and Subalpine Mountains
7SA3	Alpine and Subalpine Glaciated Mountains with Discontinuous Permafrost
7SA31	Subalpine Mountains
7TM	Alpine Glaciated Low Mountains with Discontinuous Permafrost
7TM1	Alpine Glaciated Mountains with Discontinuous Permafrost, High Elevation
7TM2	Alpine Glaciated Mountains with Discontinuous Permafrost, Cool
7TM21	Alpine Glaciated Low Diorite Mountains with Discontinuous Permafrost
7TM24	Alpine Diorite Mountains with Discontinuous Permafrost
7TMS	Alpine Glaciated Low Mountain Summits
7V1	Alpine Lower Mountain Slopes and Fans with Discontinuous Permafrost
7V11	Alpine Fans
7V1A	Alpine Diorite Fans
7V1B	Alpine and Subalpine Diorite Fans and Flood Plains with Discontinuous Permafrost
7V5	Alpine Fans with Discontinuous Permafrost

M135A.M2L Alaska Mountains.Boreal Mountains Subsection

7MS2	Boreal Glaciated Lower Mountain Slopes
7MS4	Boreal Lower Mountain Slopes with Continuous Permafrost
7V2	Boreal Fans and Mountain Footslopes

M135A.M6 Alaska Mountains.Teklanika Alpine Mountains & Plateaus Subsection

10ES	Subalpine and Alpine Plateau Escarpments with Discontinuous Permafrost
10LM	Alpine Low Mountains with Discontinuous Permafrost, Nenana Gravels
10P1	Alpine Plateaus and Mountain Summits with Discontinuous Permafrost, Nenana Gravels
10P4	Alpine and Subalpine Plateau Summits
10SU	Boreal Plateaus with Continuous Permafrost, Wet

M135A.M6L Alaska Mountains.Teklanika Boreal Mountains & Plateaus Subsection

10ES1	Boreal Terrace Escarpments with Discontinuous Permafrost
10P3	Boreal Dissected Plateaus with Discontinuous Permafrost
10TS	Boreal Plateaus with Continuous Permafrost
10TS1	Boreal Mountain Toeslopes with Discontinuous Permafrost, Nenana Gravels

M135A.M7 Alaska Mountains.Toklat Basin Lowlands Subsection

11P	Alpine Plains with Continuous Permafrost
11P1	Alpine Plains and Drainages with Continuous Permafrost
11ST	Boreal Terraces and High Flood Plains with Discontinuous Permafrost

Table 4. Hierarchy of Ecological Units for Denali National Park Section, Subsection, and Soil Map Units—Continued

M135A.V1 Alaska Mountains.Alpine Flood Plains & Terraces & Fans Subsection

5V1	Alpine Schist Alluvial Fans with Discontinuous Permafrost
7AF	Alpine Alluvial Fans
7AF2	Alpine and Boreal Alluvial Fans
7FP2	Alpine Flood Plains
7FP21	Alpine Diorite Terraces and Flood Plains
7ST	Alpine Terraces
7STF	Alpine Terraces and Outwash Plains with Continuous Permafrost
8FP1	Alpine Schist Flood Plains and Terraces
8ST1	Alpine Schist Terraces and Mountain Toeslopes with Discontinuous Permafrost
GA	Nonvegetated Alluvium, Alaska Mountains, Alpine

M135A.V1L Alaska Mountains.Lowland Flood Plains & Terraces & Fans Subsection

10V2	Boreal Terraces and Plateau Toeslopes with Continuous Permafrost
11FP	Boreal Flood Plains, High Elevation
5V2	Boreal Schist Alluvial Fans
7AFF	Boreal Outwash Plains and Fans with Discontinuous Permafrost
7FP1	Boreal Flood Plains and Terraces
7FP11	Boreal Diorite Flood Plains
8FP2	Boreal Schist Flood Plains and Terraces
G	Nonvegetated Alluvium, Alaska Mountains, Boreal

M135S South Central Mountains Section

M135S.B2 South Central Mountains.Nonvegetated Alpine Mountains Subsection

NV2	Nonvegetated Mountains, South Central Mountains

M135S.M5L South Central Mountains.Subalpine Mountains Subsection

9SA5	Subalpine Mountain Colluvial Slopes
9SA6	Subalpine Glaciated Mountains
9SA61	Subalpine Glaciated Benches on Lower Mountain Slopes
9SA62	Subalpine and Alpine Glaciated Benches on Lower Mountain Slopes
9SA66	Subalpine Glaciated Lower Mountain Backslopes

M135S.M5 South Central Mountains.Alpine Mountains Subsection

9MSA	Alpine Diorite Mountains
9MSH	Alpine Mountains
9MSH1	Alpine Low Mountains
9SA4	Alpine Lower Mountain Colluvial Slopes
9SA44	Alpine Glaciated Lower Mountain Slopes
9TM	Alpine and Subalpine Glaciated Mountain Backslopes
9TM3	Alpine Cirque Valleys
9TM4	Alpine Diorite Cirque Valleys
9TP	Alpine Till Plains and Hills

WATER

W	Water

Table 5. Hectares and Proportionate Extent of the Map Units

(An asterisk (*) under "Percent" indicates less than 0.1 percent)

Map Symbol	Map unit name	Hectares	Percent
1FP	Boreal Flood Plains with Discontinuous Permafrost, Minchumina Basin	23,928	0.4
1FP2	Boreal Terraces and Flood Plains with Discontinuous Permafrost	17,421	0.3
1FP4	Boreal Flood Plains and Terraces with Discontinuous Permafrost, Wet	15,002	0.2
1FW1	Boreal Terraces with Continuous Permafrost	84,666	1.4
1ST	Boreal Plains with Discontinuous Permafrost	10,107	0.2
1ST1	Boreal Terraces with Discontinuous Permafrost, Minchumina Basin	64,966	1.1
1STW	Boreal Terraces with Continuous Permafrost, Wet	20,617	0.3
1STW2	Boreal Groundwater Discharge Plains with Discontinuous Permafrost	74,393	1.2
2FG	Boreal Terraces with Continuous Permafrost, Very Wet	90,921	1.5
2FP2	Boreal Schist Flood Plains with Discontinuous Permafrost	3,705	*
2FP3	Boreal Flood Plains with Discontinuous Permafrost	69,530	1.1
2FW2	Boreal Terraces and High Flood Plains with Continuous Permafrost	69,166	1.1
2P	Boreal Plains with Continuous Permafrost	24,888	0.4
2ST	Boreal Terraces with Discontinuous Permafrost	136,192	2.2
2ST2	Boreal Mid to High Level Flood Plains	8,706	0.1
3BG	Boreal Wet Meadows and Bogs	1,223	*
3C	Boreal Colluvial Hill Footslopes with Continuous Permafrost	11,085	0.2
3DH	Boreal Loess Footslopes and Gravelly Colluvial Hills With Continuous Permafrost	15,803	0.3
3FG	Boreal Loess Plains with Continuous Permafrost	124,024	2.0
3FG3	Boreal Loess Plains and Peat Plateaus with Continuous Permafrost	142,556	2.3
3FP1	Boreal Flood Plains and Terraces with Discontinuous Permafrost	21,752	0.4
3FP3	Boreal Mica-Rich Terraces and Flood Plains with Discontinuous Permafrost	11,600	0.2
3FU	Boreal Loess Plains and Hills with Continuous Permafrost	104,529	1.7
3FU2	Boreal Peat Plateaus and Loess Plains with Continuous Permafrost	34,286	0.6
3FU3	Boreal Eolian Plains and Dunes with Discontinuous Permafrost	79,454	1.3
3FU4	Boreal Loess Plains, Hills, and Drains with Continuous Permafrost	144,567	2.4
3Y	Boreal Ice Cored Loess Hills and Plains with Continuous Permafrost	22,841	0.4
4BS	Boreal Schist Mountain Backslopes with Discontinuous Permafrost	18,557	0.3
4BSS	Boreal Mica-Rich Low Mountains	23,404	0.4
4FS	Boreal Mica-Rich Low Mountain Footslopes with Continuous Permafrost	37,250	0.6
4S1	Alpine Low Schist Mountain Summits with Continuous Permafrost	5,829	*
4TS	Boreal Mica-Rich Mountain Toeslopes with Continuous Permafrost	5,777	*
5MS21	Boreal and Subalpine Schist Mountains with Discontinuous Permafrost	17,860	0.3
5P1	Alpine Schist Mountain Summits with Discontinuous Permafrost	10,230	0.2
5SA1	Alpine Schist Mountains	31,391	0.5
5SA2	Alpine and Subalpine Schist Lower Mountain Slopes with Discontinuous Permafrost, Cool	8,766	0.1
5SA11	Alpine and Subalpine Schist Mountains	24,634	0.4
5TS1	Alpine Schist Lower Mountain Slopes with Discontinuous Permafrost, Warm	3,503	*
5V1	Alpine Schist Alluvial Fans with Discontinuous Permafrost	4,599	*
5V2	Boreal Schist Alluvial Fans	3,669	*
7AF	Alpine Alluvial Fans	9,175	0.2
7AF2	Alpine and Boreal Alluvial Fans	777	*
7AFF	Boreal Outwash Plains and Fans with Discontinuous Permafrost	29,993	0.5
7CE	Alpine Recent Moraines	16,749	0.3
7CEF	Alpine Recent Moraines, Diorite	3,742	*
7ES	Boreal and Alpine Escarpments	1,835	*
7FGA	Alpine Plains and Hills with Continuous Permafrost, Nenana Gravels	18,631	0.3
7FP1	Boreal Flood Plains and Terraces	34,549	0.6
7FP2	Alpine Flood Plains	24,726	0.4
7FP11	Boreal Diorite Flood Plains	15,380	0.3
7FP21	Alpine Diorite Terraces and Flood Plains	24,466	0.4
7MFA	Alpine Schist Lower Mountain Slopes with Discontinuous Permafrost	4,020	*
7MS1D	Alpine Dark Sedimentary Mountains	31,954	0.5
7MS1L	Alpine Mixed Lithology Mountains	34,546	0.6
7MS2	Boreal Glaciated Lower Mountain Slopes	21,567	0.4
7MS3	Alpine Glaciated Mountains with Discontinuous Permafrost	9,894	0.2
7MS4	Boreal Lower Mountain Slopes with Continuous Permafrost	2,580	*
7MS31	Alpine Glaciated Mountain Summits and Benches with Discontinuous Permafrost	3,045	*
7MSA	Alpine Diorite Mountains, Interior	22,629	0.4
7MSC	Alpine Mountain Fans	10,708	0.2

Table 5. Hextares and Proportionate Extent of the Map Units--Continued

Map Symbol	Map unit name	Hectares	Percent
7MSHD	Alpine Dark Sedimentary Mountains, High Elevation	108,770	1.8
7MSHL	Alpine Mixed Lithology Mountains, High Elevation	86,636	1.4
7MSHS	Alpine Schist Mountains, High Elevation	6,256	0.1
7NG	Alpine Plains and Hills with Discontinuous Permafrost, Nenana Gravels	25,297	0.4
7NG2	Alpine Backslopes on Hills, Nenana Gravels	9,775	0.2
7P1	Alpine Glaciated Plains and Hills with Discontinuous Permafrost	2,756	*
7P2	Boreal Glaciated Plains and Hills	3,735	*
7P4	Boreal Glaciated Plains and Hills with Discontinuous Permafrost	4,659	*
7P6	Boreal Outwash Plains with Continuous Permafrost	39,616	0.7
7SA1	Alpine and Subalpine Mountains	8,595	0.1
7SA3	Alpine and Subalpine Glaciated Mountains with Discontinuous Permafrost	4,279	*
7SA31	Subalpine Mountains	13,174	0.2
7ST	Alpine Terraces	3,292	*
7STF	Alpine Terraces and Outwash Plains with Continuous Permafrost	19,243	0.3
7TM	Alpine Glaciated Low Mountains with Discontinuous Permafrost	18,077	0.3
7TM1	Alpine Glaciated Mountains with Discontinuous Permafrost, High Elevation	53,052	0.9
7TM2	Alpine Glaciated Mountains with Discontinuous Permafrost, Cool	8,031	0.1
7TM21	Alpine Glaciated Low Diorite Mountains with Discontinuous Permafrost	39,977	0.7
7TM24	Alpine Diorite Mountains with Discontinuous Permafrost	10,575	0.2
7TMS	Alpine Glaciated Low Mountain Summits	6,501	0.1
7TP	Alpine Till Plains with Discontinuous Permafrost	85,814	1.4
7TP2	Alpine Till Plains and Hills with Discontinuous Permafrost	115,977	1.9
7TP3	Boreal and Alpine Hills with Discontinuous Permafrost	44,257	0.7
7TP4	Boreal and Alpine Till Plains with Continuous Permafrost	12,183	0.2
7TP5	Boreal and Alpine Till Plains and Hills with Discontinuous Permafrost	66,739	1.1
7TP8	Alpine Glaciated Diorite Plains and Hills	6,847	0.1
7V1	Alpine Lower Mountain Slopes and Fans with Discontinuous Permafrost	27,202	0.4
7V1A	Alpine Diorite Fans	8,732	0.1
7V1B	Alpine and Subalpine Diorite Fans and Flood Plains with Discontinuous Permafrost	7,301	0.1
7V2	Boreal Fans and Mountain Footslopes	8,552	0.1
7V5	Alpine Fans with Discontinuous Permafrost	11,410	0.2
7V11	Alpine Fans	18,606	0.3
8FP1	Alpine Schist Flood Plains and Terraces	982	*
8FP2	Boreal Schist Flood Plains and Terraces	12,609	0.2
8LM	Alpine Low Loess Mountains with Discontinuous Permafrost	61,977	1.0
8LM1	Alpine Low Schist Mountains with Discontinuous Permafrost	23,991	0.4
8LMF	Boreal Lower Mountain Slopes, Thermokarsted	18,832	0.3
8LMV	Alpine and Subalpine Schist Mountain Valleys	28,531	0.5
8MBS	Alpine Schist Mountains with Discontinuous Permafrost	93,311	1.5
8MFS	Alpine and Subalpine Schist Lower Mountain Slopes with Discontinuous Permafrost	11,741	0.2
8MFS1	Boreal Schist Lower Mountain Slopes with Continuous Permafrost	24,508	0.4
8MS	Alpine Schist Mountain Ridges with Discontinuous Permafrost	40,604	0.7
8MVF	Boreal and Subalpine Schist Mountain Valleys	69,342	1.1
8ST1	Alpine Schist Terraces and Mountain Toeslopes with Discontinuous Permafrost	3,890	*
9AF	Subalpine Fans	4,793	*
9AF2	Boreal Fans	4,339	*
9CE	Alpine, Subalpine, and Boreal Recent Moraines	17,678	0.3
9MSA	Alpine Diorite Mountains	38,114	0.6
9MSH	Alpine Mountains	111,855	1.8
9MSH1	Alpine Low Mountains	34,109	0.6
9SA4	Alpine Lower Mountain Colluvial Slopes	55,619	0.9
9SA5	Subalpine Mountain Colluvial Slopes	67,561	1.1
9SA6	Subalpine Glaciated Mountains	32,436	0.5
9SA44	Alpine Glaciated Lower Mountain Slopes	31,766	0.5
9SA61	Subalpine Glaciated Benches on Lower Mountain Slopes	13,169	0.2
9SA62	Subalpine and Alpine Glaciated Benches on Lower Mountain Slopes	11,740	0.2
9SA66	Subalpine Glaciated Lower Mountain Backslopes	20,686	0.3
9TM	Alpine and Subalpine Glaciated Mountain Backslopes	42,643	0.7
9TM3	Alpine Cirque Valleys	30,278	0.5
9TM4	Alpine Diorite Cirque Valleys	6,313	0.1
9TMF	Boreal and Subalpine Lower Mountain Slopes	27,556	0.5
9TP	Alpine Till Plains and Hills	30,939	0.5
9V12	Alpine Fans and Flood Plains, High Elevation	2,317	*

Table 5. Hextares and Proportionate Extent of the Map Units--Continued

Map Symbol	Map unit name	Hectares	Percent
10ES	Subalpine and Alpine Plateau Escarpments with Discontinuous Permafrost	11,558	0.2
10ES1	Boreal Terrace Escarpments with Discontinuous Permafrost	5,938	*
10LM	Alpine Low Mountains with Discontinuous Permafrost, Nenana Gravels	59,692	1.0
10P1	Alpine Plateaus and Mountain Summits with Discontinuous Permafrost, Nenana Gravels	12,327	0.2
10P3	Boreal Dissected Plateaus with Discontinuous Permafrost	7,041	0.1
10P4	Alpine and Subalpine Plateau Summits	1,946	*
10SU	Boreal Plateaus with Continuous Permafrost, Wet	3,825	*
10TS	Boreal Plateaus with Continuous Permafrost	27,613	0.5
10TS1	Boreal Mountain Toeslopes with Discontinuous Permafrost, Nenana Gravels	13,659	0.2
10V2	Boreal Terraces and Plateau Toeslopes with Continuous Permafrost	2,844	*
11FP	Boreal Flood Plains, High Elevation	13,147	0.2
11P	Alpine Plains with Continuous Permafrost	51,246	0.8
11P1	Alpine Plains and Drainages with Continuous Permafrost	10,716	0.2
11ST	Boreal Terraces and High Flood Plains with Discontinuous Permafrost	12,107	0.2
12B	Boreal Bogs	695	*
12HS2	Boreal Glaciated Hills and Plains	17,147	0.3
13F21	Subalpine and Alpine Diorite Flood Plains	2,356	*
13F22	Alpine Diorite Flood Plains and Wet Mountain Toeslopes	3,714	*
13FP	Boreal Flood Plains	6,331	0.1
13FP2	Boreal Flood Plains, Dry	13,104	0.2
13FPW	Boreal Flood Plains and Terraces, Wet	20,229	0.3
13FWW	Boreal Flood Plains, Very Wet	2,645	*
G	Nonvegetated Alluvium, Alaska Mountains, Boreal	24,993	0.4
G1	Nonvegetated Alluvium,Yukon-Kuskokwim Bottomlands	16,619	0.3
G2	Nonvegetated Alluvium, Cook Inlet Lowlands	25,979	0.4
GA	Nonvegetated Alluvium, Alaska Mountains, Alpine	12,476	0.2
NV1	Nonvegetated Mountains, Alaska Mountains	713,931	11.7
NV2	Nonvegetated Mountains, South Central Mountains	1,146,482	18.9
W	Water	31,660	0.5
	Total	2,459,092	100.0

Table 6. Common Component-Landtype Correlation By Mapunit

Map symbol and common component name	Landtype ID	Landtype Name
1FP:		
Boreal-riparian forested loamy wet flood plains, frozen	131B_156	Loamy Wet Flood Plains, Frozen
Boreal-riparian forested loamy flood plains, moderately wet	131B_100	Loamy Flood Plains
Boreal-riparian forested loamy flood plains, Yukon-Kuskokwim	131B_101	Loamy High Flood Plains
1FP2:		
Boreal-taiga deep loamy terraces, frozen	131B_104	Loamy Frozen Terraces
Boreal-riparian forested loamy flood plains	131B_101	Loamy High Flood Plains
1FP4:		
Boreal-riparian forested loamy wet flood plains, frozen	131B_156	Loamy Wet Flood Plains, Frozen
Boreal-riparian forested loamy flood plains, frozen	131B_102	Loamy Frozen Flood Plains
Boreal-riparian wet meadow organic depressions	131B_501	Organic Depressions, Fens
1FW1:		
Boreal-taiga deep loamy terraces, frozen	131B_104	Loamy Frozen Terraces
Boreal-taiga/tussock silty terraces, frozen	131B_105	Loamy Frozen Terraces, Wet
Boreal-taiga loamy channels, frozen	131B_505	Loamy Channels
1ST:		
Boreal-taiga silty loess slopes, frozen	131B_400	Loamy Frozen Slopes
Boreal-riparian forested loamy flood plains, frozen	131B_102	Loamy Frozen Flood Plains
Boreal-riparian wet meadow organic depressions	131B_501	Organic Depressions, Fens
1ST1:		
Boreal-taiga deep loamy terraces, frozen	131B_104	Loamy Frozen Terraces
Boreal-taiga/tussock silty terraces, frozen	131B_105	Loamy Frozen Terraces, Wet
Boreal-riparian wet meadow organic depressions	131B_501	Organic Depressions, Fens
1STW:		
Boreal-taiga/tussock silty terraces, frozen	131B_105	Loamy Frozen Terraces, Wet
Boreal-taiga loamy channels, frozen	131B_505	Loamy Channels
Boreal-taiga deep loamy terraces, frozen	131B_104	Loamy Frozen Terraces
1STW2:		
Boreal-taiga gravelly alluvial plains, wet	131B_505	Loamy Channels
Boreal-riparian scrub silty drains, frozen	131B_503	Silty Drainages, Very Wet
Boreal-riparian fen organic depressions	131B_506	Organic Depressions, Eutrophic Fens
2FG:		
Boreal-taiga/tussock silty terraces, frozen	131B_105	Loamy Frozen Terraces, Wet
Boreal-taiga peat plateaus, frozen	131B_111	Peat Plateaus
2FP2:		
Boreal-riparian forested loamy schist flood plains	131B_101	Loamy High Flood Plains
Boreal-riparian scrub loamy schist flood plains	131B_100	Loamy Flood Plains
Boreal-riparian forested gravelly flood plains	131B_255	Gravelly Flood Plains
2FP3:		
Boreal-riparian forested loamy flood plains, Yukon-Kuskokwim	131B_101	Loamy High Flood Plains
Boreal-riparian forested loamy flood plains, moderately wet	131B_100	Loamy Flood Plains
Boreal-riparian forested gravelly flood plains	131B_255	Gravelly Flood Plains
2FW2:		
Boreal-taiga deep loamy terraces, frozen	131B_104	Loamy Frozen Terraces
Boreal-taiga loamy channels, frozen	131B_505	Loamy Channels
2P:		
Boreal-taiga silty outwash plains, frozen	131B_104	Loamy Frozen Terraces
2ST:		
Boreal-forested gravelly terraces	131B_108	Gravelly and Sandy Terraces
Boreal-taiga loamy terraces, frozen	131B_104	Loamy Frozen Terraces

Table 6. Common Component-Landtype Correlation By Mapunit—Continued

Map symbol and common component name	Landtype ID	Landtype Name
2ST2:		
Boreal-riparian forested gravelly high flood plains, Kuskokwim Plains	131B_255	Gravelly Flood Plains
Boreal-riparian forested gravelly flood plains	131B_255	Gravelly Flood Plains
3BG:		
Boreal-loamy wet meadows	131B_532	Loamy Depressions, Eutrophic Bogs
Boreal-bog organic depressions	131B_530	Depressions, Bogs
3C:		
Boreal-taiga/tussock silty colluvial slopes, frozen	131B_402	Loamy Frozen Slopes, Wet
Boreal-taiga silty colluvial slopes, frozen	131B_400	Loamy Frozen Slopes
3DH:		
Boreal-taiga/tussock silty loess slopes, frozen	131B_402	Loamy Frozen Slopes, Wet
Boreal-taiga silty loess slopes, frozen	131B_400	Loamy Frozen Slopes
Boreal-taiga/tussock silty colluvial slopes, frozen	131B_402	Loamy Frozen Slopes, Wet
3FG:		
Boreal-taiga/tussock silty loess slopes, frozen	131B_402	Loamy Frozen Slopes, Wet
Boreal-taiga silty loess slopes, frozen	131B_400	Loamy Frozen Slopes
3FG3:		
Boreal-taiga silty loess slopes, frozen	131B_400	Loamy Frozen Slopes
Boreal-taiga/tussock silty loess slopes, frozen	131B_402	Loamy Frozen Slopes, Wet
Boreal-taiga peat plateaus, frozen	131B_111	Peat Plateaus
3FP1:		
Boreal-riparian forested loamy flood plains, Yukon-Kuskokwim	131B_101	Loamy High Flood Plains
Boreal-taiga loamy terraces, frozen	131B_104	Loamy Frozen Terraces
Boreal-riparian forested loamy flood plains, moderately wet	131B_100	Loamy Flood Plains
3FP3:		
Boreal-taiga/tussock mica rich silty terraces, frozen	131B_105	Loamy Frozen Terraces, Wet
Boreal-riparian forested mica rich loamy flood plains, frozen	131B_102	Loamy Frozen Flood Plains
Boreal-taiga mica rich loamy channels, frozen	131B_505	Loamy Channels
3FU:		
Boreal-taiga silty loess slopes, frozen	131B_400	Loamy Frozen Slopes
Boreal-taiga/tussock silty loess slopes, frozen	131B_402	Loamy Frozen Slopes, Wet
3FU2:		
Boreal-taiga peat plateaus, frozen	131B_111	Peat Plateaus
Boreal-taiga/tussock silty loess slopes, frozen	131B_402	Loamy Frozen Slopes, Wet
Boreal-taiga silty loess slopes, frozen	131B_400	Loamy Frozen Slopes
3FU3:		
Boreal-taiga loamy eolian slopes, frozen	131B_400	Loamy Frozen Slopes
Boreal-taiga/tussock loamy eolian slopes, frozen	131B_105	Loamy Frozen Terraces, Wet
Boreal-forested sandy hills	131B_185	Sandy Hills
3FU4:		
Boreal-taiga silty loess slopes, frozen	131B_400	Loamy Frozen Slopes
Boreal-taiga silty loess hills, frozen	131B_113	Loamy Frozen Slopes, Ice Cored
3Y:		
Boreal-taiga silty loess slopes, frozen	131B_400	Loamy Frozen Slopes
Boreal-taiga/tussock silty loess slopes, frozen	131B_402	Loamy Frozen Slopes, Wet
Boreal-taiga silty loess hills, frozen	131B_113	Loamy Frozen Slopes, Ice Cored
4BS:		
Boreal-taiga mica rich silt loess slopes	M131B_355	Silty Slopes, Cool
Boreal-taiga silty schist slopes, frozen	M131B_400	Loamy Frozen Slopes

Table 6. Common Component-Landtype Correlation By Mapunit--Continued

Map symbol and common component name	Landtype ID	Landtype Name
4BSS:		
Boreal-forested mica rich silty loess slopes	M131B_349	Silty Slopes
4FS:		
Boreal-taiga mica rich silty colluvial slopes, frozen	M131B_400	Loamy Frozen Slopes
4S1:		
Alpine-scrub gravelly schist circles, Kuskokwim Mountains	M131B_415	Loamy Frozen Slopes, High Elevation
Alpine-tussock-scrub mica rich silty slopes, Kuskokwim Mountains	M131B_179	Gravelly Frozen Slopes, Wet
Alpine-scrub-sedge gravelly schist hummocks, frozen	M131B_415	Loamy Frozen Slopes, High Elevation
4TS:		
Boreal-tussock-scrub mica rich silty loess slopes, frozen	M131B_403	Loamy Frozen Slopes, Very Wet
Boreal-taiga mica rich silty frozen colluvial slopes, Kuskokwim Mountains	M131B_400	Loamy Frozen Slopes
5MS21:		
Boreal-forested silty schist slopes, wet	M135A_354	Loamy Slopes, Wet
Subalpine-scrub gravelly schist colluvial slopes	M135A_303	Gravelly Mountains, Acid
Boreal-taiga gravelly schist slopes, frozen	M135A_400	Loamy Frozen Slopes
5P1:		
Alpine-scrub gravelly schist circles, frozen	M135A_182	Gravelly Frozen Slopes, Ruptic
Alpine-dwarf scrub gravelly schist steps and lobes	M135A_310	Gravelly Mountains, High Elevation
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen	M135A_183	Gravelly Frozen Slopes, Cold
5SA1:		
Alpine-dwarf scrub gravelly schist colluvial slopes	M135A_310	Gravelly Mountains, High Elevation
Alpine-dwarf scrub gravelly schist steps and lobes	M135A_310	Gravelly Mountains, High Elevation
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	M135A_ROC	Rock and Ice, Nonvegetated
5SA2:		
Alpine-scrub gravelly schist circles, frozen	M135A_182	Gravelly Frozen Slopes, Ruptic
Subalpine-scrub-meadow mosaic gravelly schist swales	M135A_405	Swales
Alpine-scrub-sedge-gravelly schist hummocks, frozen	M135A_180	Gravelly Frozen Slopes
5SA11:		
Alpine-scrub mosaic gravelly colluvial schist slopes	M135A_356	Gravelly Slopes, High Elevation
Subalpine-scrub-meadow mosaic gravelly schist swales	M135A_405	Swales
Alpine-scrub gravelly schist colluvial slopes, thick surface	M135A_358	Gravelly Slopes
5TS1:		
Alpine-scrub gravelly schist circles, frozen	M135A_182	Gravelly Frozen Slopes, Ruptic
Alpine-scrub gravelly schist colluvial slopes, thick surface	M135A_358	Gravelly Slopes
Alpine-scrub-sedge-gravelly schist hummocks, frozen	M135A_180	Gravelly Frozen Slopes
5V1:		
Alpine-scrub gravelly schist terraces	M135A_352	Gravelly and Sandy Terraces, High Elevation
Alpine-scrub gravelly schist colluvial toeslopes, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-riparian scrub gravelly schist flood plains	M135A_258	Gravelly Flood Plains, Cool
5V2:		
Boreal-forested gravelly schist terraces	M135A_350	Gravelly and Sandy Slopes
Boreal-riparian forested gravelly schist flood plains	M135A_151	Loamy High Flood Plains
7AF:		
Alpine-scrub silty fan terraces	M135A_253	Loamy Slopes, High Elevation
Alpine-scrub gravelly terraces	M135A_352	Gravelly and Sandy Terraces, High Elevation
7AF2:		
Alpine-scrub gravelly terraces	M135A_352	Gravelly and Sandy Terraces, High Elevation
Subalpine-riparian scrub gravelly fan terraces	M135A_303	Gravelly Mountains, Acid

Table 6. Common Component-Landtype Correlation By Mapunit--Continued

Map symbol and common component name	Landtype ID	Landtype Name
7AFF:		
Boreal-woodland gravelly terraces	M135A_350	Gravelly and Sandy Slopes
Boreal-riparian forested loamy flood plains, very wet	M135A_156	Loamy Wet High Flood Plains
Boreal-taiga high elevation loamy terraces, frozen	M135A_104	Loamy Frozen Terraces
7CE:		
Alpine-scrub gravelly moraines, calcareous	M135A_802	Moraines, Ice Cored
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	M135A_ROC	Rock and Ice, Nonvegetated
7CEF:		
Alpine-dwarf scrub gravelly diorite moraines	M135A_802	Moraines, Ice Cored
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	M135A_ROC	Rock and Ice, Nonvegetated
7ES:		
Boreal-forested gravelly colluvial slopes, dissected	M135A_800	Escarpments
Alpine-scrub gravelly till slopes	M135A_358	Gravelly Slopes
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	M135A_ROC	Rock and Ice, Nonvegetated
7FGA:		
Alpine-tussock-scrub silty loess slopes, frozen	M135A_175	Loamy Frozen Wet Terraces, High Elevation
Alpine-scrub-sedge gravelly slopes, frozen	M135A_180	Gravelly Frozen Slopes
7FP1:		
Boreal-riparian forested loamy high flood plains	M135A_151	Loamy High Flood Plains
Boreal-riparian scrub gravelly flood plains, moderately wet	M135A_204	Gravelly Flood Plains
Boreal-riparian scrub loamy flood plains	M135A_100	Loamy Flood Plains
7FP2:		
Alpine-riparian scrub gravelly flood plains, moderately wet	M135A_257	Gravelly Low Flood Plains, High Elevation
Alpine-riparian scrub gravelly flood plains	M135A_258	Gravelly Flood Plains, Cool
Nonvegetated alluvium	Riverwash	Alluvium, Nonvegetated
7FP11:		
Boreal-riparian forested loamy flood plains, very wet	M135A_156	Loamy Wet High Flood Plains
Boreal-riparian forested gravelly high flood plains	M135A_185	Gravelly High Flood Plains, High Elevation
Boreal-riparian scrub gravelly diorite flood plains, moderately wet	M135A_250	Gravelly Low Flood Plains, Acid
7FP21:		
Alpine-scrub mosaic gravelly diorite terraces	M135A_356	Gravelly Slopes, High Elevation
Alpine-riparian scrub gravelly diorite flood plains, moderately wet	M135A_257	Gravelly Low Flood Plains, High Elevation
Alpine-scrub loamy terraces	M135A_352	Gravelly and Sandy Terraces, High Elevation
7MFA:		
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen	M135A_183	Gravelly Frozen Slopes, Cold
Alpine-scrub-meadow mosaic gravelly schist swales	M135A_420	Swales, High Elevation
Alpine-dwarf scrub gravelly schist steps and lobes	M135A_310	Gravelly Mountains, High Elevation
7MS1D:		
Alpine-dwarf scrub dark gravelly colluvial slopes	M135A_310	Gravelly Mountains, High Elevation
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	M135A_ROC	Rock and Ice, Nonvegetated
Alpine-scrub gravelly colluvial slopes	M135A_358	Gravelly Slopes
7MS1L:		
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	M135A_ROC	Rock and Ice, Nonvegetated
Alpine-dwarf scrub gravelly colluvial slopes	M135A_310	Gravelly Mountains, High Elevation
Alpine-scrub gravelly colluvial slopes	M135A_358	Gravelly Slopes
7MS2:		
Boreal-forested gravelly till slopes, moderately wet	M135A_354	Loamy Slopes, Wet
Boreal-forested gravelly warm till slopes	M135A_355	Gravelly Mountains, Warm

Table 6. Common Component-Landtype Correlation By Mapunit--Continued

Map symbol and common component name	Landtype ID	Landtype Name
7MS3:		
Alpine-scrub-sedge gravelly till slopes, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-scrub gravelly till circles, frozen	M135A_182	Gravelly Frozen Slopes, Ruptic
Subalpine-scrub-meadow mosaic gravelly till swales	M135A_405	Swales
7MS4:		
Boreal-taiga loamy drift slopes, frozen	M135A_400	Loamy Frozen Slopes
7MS31:		
Alpine-dwarf scrub gravelly till slopes	M135A_310	Gravelly Mountains, High Elevation
Alpine-scrub-sedge gravelly till slopes, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-scrub-meadow mosaic gravelly till swales	M135A_420	Swales, High Elevation
7MSA:		
Alpine-dwarf scrub gravelly diorite colluvial slopes	M135A_310	Gravelly Mountains, High Elevation
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	M135A_ROC	Rock and Ice, Nonvegetated
Alpine-dwarf scrub gravelly diorite colluvial slopes, moist	M135A_306	Gravelly Mountains, Moist
7MSC:		
Alpine-dwarf scrub gravelly fan terraces	M135A_310	Gravelly Mountains, High Elevation
Alpine-dwarf scrub-meadow mosaic gravelly fan swales	M135A_551	Loamy Depressions, High Elevation
Alpine-dwarf scrub gravelly colluvial slopes	M135A_310	Gravelly Mountains, High Elevation
7MSHD:		
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	M135A_ROC	Rock and Ice, Nonvegetated
Alpine-dwarf scrub dark gravelly colluvial slopes	M135A_310	Gravelly Mountains, High Elevation
Alpine-dwarf scrub dark gravelly colluvial slopes, moist	M135A_306	Gravelly Mountains, Moist
7MSHL:		
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	M135A_ROC	Rock and Ice, Nonvegetated
Alpine-dwarf scrub gravelly colluvial slopes	M135A_310	Gravelly Mountains, High Elevation
Alpine-dwarf scrub gravelly colluvial slopes, moist	M135A_306	Gravelly Mountains, Moist
7MSHS:		
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	M135A_ROC	Rock and Ice, Nonvegetated
Alpine-dwarf scrub gravelly schist colluvial slopes	M135A_310	Gravelly Mountains, High Elevation
Alpine-dwarf scrub gravelly schist steps and lobes	M135A_310	Gravelly Mountains, High Elevation
7NG:		
Alpine-scrub mosaic gravelly slopes	M135A_356	Gravelly Slopes, High Elevation
Alpine-scrub-sedge gravelly slopes, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-scrub gravelly circles, frozen	M135A_182	Gravelly Frozen Slopes, Ruptic
7NG2:		
Alpine-scrub gravelly slopes	M135A_358	Gravelly Slopes
Subalpine-scrub-meadow mosaic gravelly swales, Nenana Gravels	M135A_405	Swales
Alpine-scrub-meadow mosaic gravelly till swales	M135A_420	Swales, High Elevation
7P1:		
Alpine-scrub gravelly outwash slopes	M135A_356	Gravelly Slopes, High Elevation
Alpine-scrub-sedge loamy terraces, frozen	M135A_180	Gravelly Frozen Slopes
Subalpine-scrub-meadow mosaic gravelly till swales	M135A_405	Swales
7P2:		
Boreal-forested gravelly outwash slopes	M135A_350	Gravelly and Sandy Slopes
Boreal-meadow loamy outwash slope depressions	M135A_550	Loamy Depressions
7P4:		
Boreal-forested gravelly till slopes	M135A_350	Gravelly and Sandy Slopes
Boreal-taiga loamy drift slopes, frozen	M135A_400	Loamy Frozen Slopes
Boreal-forested gravelly outwash slopes	M135A_350	Gravelly and Sandy Slopes

Table 6. Common Component-Landtype Correlation By Mapunit--Continued

Map symbol and common component name	Landtype ID	Landtype Name
7P6:		
Boreal-taiga high elevation loamy terraces, frozen	M135A_104	Loamy Frozen Terraces
Boreal-woodland gravelly terraces	M135A_350	Gravelly and Sandy Slopes
7SA1:		
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	M135A_ROC	Rock and Ice, Nonvegetated
Alpine-dwarf scrub dark gravelly colluvial slopes	M135A_310	Gravelly Mountains, High Elevation
Alpine-scrub gravelly colluvial slopes	M135A_358	Gravelly Slopes
7SA3:		
Subalpine-scrub-meadow mosaic gravelly till swales	M135A_405	Swales
Alpine-scrub gravelly till slopes, frozen	M135A_177	Loamy Frozen Slopes, High Elevation
Alpine-scrub gravelly till slopes	M135A_358	Gravelly Slopes
7SA31:		
Subalpine-scrub gravelly colluvial slopes	M135A_303	Gravelly Mountains, Acid
Subalpine-scrub-meadow mosaic gravelly till swales	M135A_405	Swales
Alpine-scrub gravelly till slopes	M135A_358	Gravelly Slopes
7ST:		
Alpine-scrub gravelly terraces	M135A_352	Gravelly and Sandy Terraces, High Elevation
Alpine-scrub loamy terraces	M135A_352	Gravelly and Sandy Terraces, High Elevation
7STF:		
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	M135A_105	Loamy Frozen Terraces, Wet
Boreal-taiga high elevation loamy terraces, frozen	M135A_104	Loamy Frozen Terraces
7TM:		
Alpine-dwarf scrub gravelly till slopes	M135A_310	Gravelly Mountains, High Elevation
Alpine-scrub gravelly till circles, frozen	M135A_182	Gravelly Frozen Slopes, Ruptic
Alpine-scrub-sedge gravelly till slopes, frozen	M135A_180	Gravelly Frozen Slopes
7TM1:		
Alpine-dwarf scrub gravelly till steps and lobes	M135A_310	Gravelly Mountains, High Elevation
Alpine-scrub-sedge gravelly till slopes, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-scrub-meadow mosaic gravelly till swales	M135A_420	Swales, High Elevation
7TM2:		
Alpine-scrub gravelly till slopes, frozen	M135A_177	Loamy Frozen Slopes, High Elevation
Alpine-dwarf scrub gravelly till slopes	M135A_310	Gravelly Mountains, High Elevation
Subalpine-scrub-meadow mosaic gravelly till swales	M135A_405	Swales
7TM21:		
Alpine-dwarf scrub gravelly diorite till slopes	M135A_310	Gravelly Mountains, High Elevation
Alpine-dwarf scrub gravelly diorite till hummocks and lobes	M135A_310	Gravelly Mountains, High Elevation
Alpine-scrub gravelly diorite till slopes	M135A_358	Gravelly Slopes
7TM24:		
Alpine-dwarf scrub gravelly diorite colluvial slopes	M135A_310	Gravelly Mountains, High Elevation
Alpine-dwarf scrub gravelly diorite fans	M135A_310	Gravelly Mountains, High Elevation
7TMS:		
Alpine-dwarf scrub gravelly till slopes	M135A_310	Gravelly Mountains, High Elevation
Alpine-dwarf scrub gravelly till steps and lobes	M135A_310	Gravelly Mountains, High Elevation
Alpine-dwarf scrub gravelly till slopes, moist	M135A_306	Gravelly Mountains, Moist
7TP:		
Alpine-scrub-sedge gravelly till slopes, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-scrub-meadow mosaic gravelly till swales	M135A_420	Swales, High Elevation
Alpine-scrub gravelly till circles, frozen	M135A_182	Gravelly Frozen Slopes, Ruptic

Table 6. Common Component-Landtype Correlation By Mapunit--Continued

Map symbol and common component name	Landtype ID	Landtype Name
7TP2:		
Alpine-scrub gravelly till slopes	M135A_358	Gravelly Slopes
Alpine-scrub mosaic gravelly till slopes	M135A_356	Gravelly Slopes, High Elevation
Alpine-scrub-sedge gravelly till slopes, frozen	M135A_180	Gravelly Frozen Slopes
7TP3:		
Alpine-scrub gravelly till slopes	M135A_358	Gravelly Slopes
Boreal-forested gravelly till slopes, moderately wet	M135A_354	Loamy Slopes, Wet
Boreal-taiga gravelly till slopes, frozen	M135A_400	Loamy Frozen Slopes
7TP4:		
Alpine-scrub-sedge gravelly till slopes, frozen	M135A_180	Gravelly Frozen Slopes
Boreal-taiga gravelly till slopes, frozen	M135A_400	Loamy Frozen Slopes
7TP5:		
Boreal-taiga gravelly till slopes, frozen	M135A_400	Loamy Frozen Slopes
Alpine-scrub gravelly till slopes	M135A_358	Gravelly Slopes
7TP8:		
Alpine-scrub gravelly diorite till slopes	M135A_358	Gravelly Slopes
Alpine-dwarf scrub gravelly diorite till slopes	M135A_310	Gravelly Mountains, High Elevation
Alpine-scrub-meadow mosaic gravelly diorite swales	M135A_420	Swales, High Elevation
7V1:		
Alpine-scrub gravelly terraces	M135A_352	Gravelly and Sandy Terraces, High Elevation
Alpine-scrub-sedge loamy terraces, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-scrub-sedge gravelly till slopes, frozen	M135A_180	Gravelly Frozen Slopes
7V1A:		
Alpine-dwarf scrub gravelly diorite fans	M135A_310	Gravelly Mountains, High Elevation
Alpine-scrub mosaic gravelly diorite terraces	M135A_356	Gravelly Slopes, High Elevation
7V1B:		
Alpine-scrub mosaic gravelly diorite terraces	M135A_356	Gravelly Slopes, High Elevation
Alpine-scrub loamy diorite terraces, frozen	M135A_177	Loamy Frozen Slopes, High Elevation
Subalpine-riparian scrub gravelly diorite flood plains	M135A_303	Gravelly Mountains, Acid
7V2:		
Boreal-forested loamy fan terraces	M135A_354	Loamy Slopes, Wet
Boreal-woodland gravelly terraces	M135A_350	Gravelly and Sandy Slopes
Alpine-scrub gravelly terraces	M135A_352	Gravelly and Sandy Terraces, High Elevation
7V5:		
Alpine-dwarf scrub gravelly fan terraces	M135A_310	Gravelly Mountains, High Elevation
Alpine-scrub-sedge loamy terraces, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-riparian scrub gravelly flood plains, cool	M135A_258	Gravelly Flood Plains, Cool
7V11:		
Alpine-riparian scrub gravelly flood plains	M135A_258	Gravelly Flood Plains, Cool
Nonvegetated alluvium	Riverwash	Alluvium, Nonvegetated
Alpine-scrub gravelly terraces	M135A_352	Gravelly and Sandy Terraces, High Elevation
8FP1:		
Alpine-riparian scrub gravelly schist flood plains, moderately wet	M135A_257	Gravelly Low Flood Plains, High Elevation
Alpine-riparian scrub gravelly schist flood plains	M135A_258	Gravelly Flood Plains, Cool
Alpine-riparian scrub loamy schist flood plains, wet	M135A_152	Loamy Wet Flood Plains, High Elevation
8FP2:		
Boreal-riparian scrub gravelly schist flood plains, moderately wet	M135A_250	Gravelly Low Flood Plains, Acid
Boreal-riparian forested gravelly schist flood plains	M135A_151	Loamy High Flood Plains
Alpine-scrub gravelly schist terraces	M135A_352	Gravelly and Sandy Terraces, High Elevation

Table 6. Common Component-Landtype Correlation By Mapunit—Continued

Map symbol and common component name	Landtype ID	Landtype Name
8LM:		
Alpine-scrub-sedge silty hummocks, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-tussock-scrub mica rich silty slopes, frozen	M135A_175	Loamy Frozen Wet Terraces, High Elevation
Alpine-scrub gravelly schist circles, frozen	M135A_182	Gravelly Frozen Slopes, Ruptic
8LM1:		
Alpine-scrub-sedge-gravelly schist hummocks, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-scrub gravelly schist circles, frozen	M135A_182	Gravelly Frozen Slopes, Ruptic
Alpine-tussock-scrub gravelly schist slopes, frozen	M135A_175	Loamy Frozen Wet Terraces, High Elevation
8LMF:		
Boreal-taiga high elevation silty mica rich loess hills, frozen	M135A_113	Loamy Frozen Slopes, Ice Cored
Boreal-taiga/tussock mica rich silty loess slopes, frozen	M135A_105	Loamy Frozen Terraces, Wet
8LMV:		
Alpine-dwarf scrub gravelly schist colluvial slopes	M135A_310	Gravelly Mountains, High Elevation
Alpine-scrub gravelly schist colluvial slopes, thick surface	M135A_358	Gravelly Slopes
Subalpine-scrub gravelly schist colluvial slopes	M135A_303	Gravelly Mountains, Acid
8MBS:		
Alpine-scrub gravelly schist colluvial slopes	M135A_358	Gravelly Slopes
Alpine-scrub mosaic gravelly colluvial schist slopes	M135A_356	Gravelly Slopes, High Elevation
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen	M135A_183	Gravelly Frozen Slopes, Cold
8MFS:		
Alpine-scrub gravelly schist colluvial toeslopes, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-scrub gravelly schist colluvial slopes	M135A_358	Gravelly Slopes
Subalpine-scrub-meadow mosaic gravelly schist swales	M135A_405	Swales
8MFS1:		
Boreal-taiga gravelly schist slopes, frozen	M135A_400	Loamy Frozen Slopes
Alpine-scrub gravelly schist colluvial toeslopes, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-tussock-scrub gravelly schist slopes, frozen	M135A_175	Loamy Frozen Wet Terraces, High Elevation
8MS:		
Alpine-dwarf scrub gravelly schist colluvial slopes	M135A_310	Gravelly Mountains, High Elevation
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	M135A_ROC	Rock and Ice, Nonvegetated
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen	M135A_183	Gravelly Frozen Slopes, Cold
8MVF:		
Boreal-forested silty schist slopes, wet	M135A_354	Loamy Slopes, Wet
Subalpine-scrub-meadow mosaic gravelly schist swales	M135A_405	Swales
Boreal-forested gravelly schist colluvial slopes	M135A_355	Gravelly Mountains, Warm
8ST1:		
Alpine-tussock-scrub gravelly schist slopes, frozen	M135A_175	Loamy Frozen Wet Terraces, High Elevation
Alpine-scrub gravelly schist colluvial toeslopes, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-scrub gravelly schist terraces	M135A_352	Gravelly and Sandy Terraces, High Elevation
9AF:		
Subalpine-scrub gravelly fan terraces	135A_405	Silty Slopes, High Elevation
9AF2:		
Boreal-riparian forested gravelly high flood plains, Cook Inlet	135A_100	Loamy Flood Plains
Boreal-forested gravelly fan terraces	135A_359	Till Slopes
Boreal-riparian forested hardwood gravelly flood plains	135A_201	Gravelly Flood Plains
9CE:		
Subalpine-scrub gravelly moraines	135A_803	Moraines, Ice Cored
South Central nonvegetated rock outcrop, ice, talus, and/or drift	M135S_ROC	South Central Rock and Ice, Nonvegetated
Boreal-woodland gravelly moraines	135A_803	Moraines, Ice Cored

Table 6. Common Component-Landtype Correlation By Mapunit--Continued

Map symbol and common component name	Landtype ID	Landtype Name
9MSA:		
Alpine-dwarf scrub gravelly diorite colluvial slopes, warm	M135S_307	Gravelly Mountains, Moist
South Central nonvegetated rock outcrop, ice, talus, and/or drift	M135S_ROC	South Central Rock and Ice, Nonvegetated
Alpine-dwarf scrub gravelly diorite colluvial slopes, cool	M135S_307	Gravelly Mountains, Moist
9MSH:		
South Central nonvegetated rock outcrop, ice, talus, and/or drift	M135S_ROC	South Central Rock and Ice, Nonvegetated
Alpine-dwarf scrub gravelly colluvial slopes, warm	M135S_310	Gravelly Mountains
Alpine-dwarf scrub gravelly colluvial slopes, cool	M135S_307	Gravelly Mountains, Moist
9MSH1:		
Alpine-dwarf scrub silty hummocks	M135S_363	Hummocks
Alpine-dwarf scrub gravelly colluvial slopes, warm	M135S_310	Gravelly Mountains
Alpine-scrub-meadow mosaic gravelly colluvial slopes	M135S_421	Gravelly Colluvial Slopes
9SA4:		
Alpine-scrub-meadow mosaic gravelly colluvial slopes	M135S_421	Gravelly Colluvial Slopes
South Central nonvegetated rock outcrop, ice, talus, and/or drift	M135S_ROC	South Central Rock and Ice, Nonvegetated
9SA5:		
Subalpine-scrub-meadow mosaic gravelly colluvial slopes	M135S_405	Silty Slopes, High Elevation
Alpine-scrub gravelly colluvial slopes, warm	M135S_358	Gravelly Slopes
South Central nonvegetated rock outcrop, ice, talus, and/or drift	M135S_ROC	South Central Rock and Ice, Nonvegetated
9SA6:		
Subalpine-scrub-meadow mosaic silty till slopes	M135S_405	Silty Slopes, High Elevation
9SA44:		
Alpine-scrub-meadow mosaic silty till slopes	M135S_421	Gravelly Colluvial Slopes
Alpine-scrub gravelly till slopes, warm	M135S_358	Gravelly Slopes
Alpine-dwarf scrub gravelly till hummocks	M135S_310	Gravelly Mountains
9SA61:		
Subalpine-scrub-meadow mosaic silty till slopes	M135S_405	Silty Slopes, High Elevation
Alpine-sedge wet meadow organic depressions	M135S_536	Organic Depressions
Alpine-scrub gravelly wet till swales	M135S_422	Swales
9SA62:		
Subalpine-scrub-meadow mosaic silty till slopes	M135S_405	Silty Slopes, High Elevation
Alpine-scrub gravelly wet till swales	M135S_422	Swales
9SA66:		
Subalpine-scrub-meadow mosaic gravelly colluvial slopes	M135S_405	Silty Slopes, High Elevation
Subalpine-scrub-meadow mosaic silty till slopes	M135S_405	Silty Slopes, High Elevation
Alpine-scrub gravelly colluvial slopes, warm	M135S_358	Gravelly Slopes
9TM:		
Alpine-scrub-meadow mosaic silty till slopes	M135S_421	Gravelly Colluvial Slopes
Subalpine-scrub-meadow mosaic silty till slopes	M135S_405	Silty Slopes, High Elevation
Alpine-scrub gravelly till slopes, warm	M135S_358	Gravelly Slopes
9TM3:		
Alpine-dwarf scrub silty till hummocks	M135S_363	Hummocks
Alpine-dwarf scrub gravelly till hummocks	M135S_310	Gravelly Mountains
Alpine-scrub mosaic gravelly till drains	M135S_424	Swales, Wet
9TM4:		
Alpine-dwarf scrub silty till hummocks	M135S_363	Hummocks
Alpine-dwarf scrub gravelly diorite till slopes, warm	M135S_310	Gravelly Mountains
Alpine-scrub-meadow mosaic gravelly diorite colluvial slopes	M135S_421	Gravelly Colluvial Slopes

Table 6. Common Component-Landtype Correlation By Mapunit--Continued

Map symbol and common component name	Landtype ID	Landtype Name
9TMF:		
Boreal-forested silty till slopes, ash influenced, warm	135A_359	Till Slopes
Subalpine-scrub-meadow mosaic silty till slopes	M135S_405	Silty Slopes, High Elevation
9TP:		
Alpine-scrub-meadow mosaic silty till slopes	M135S_421	Gravelly Colluvial Slopes
Alpine-dwarf scrub silty till hummocks	M135S_363	Hummocks
Alpine-scrub gravelly wet till swales	M135S_422	Swales
9V12:		
Alpine-dwarf scrub gravelly fan terraces, warm	M135S_310	Gravelly Mountains
Nonvegetated alluvium	Riverwash	Alluvium, Nonvegetated
Alpine-dwarf scrub gravelly fan terraces	M135A_310	Gravelly Mountains, High Elevation
10ES:		
Boreal-forested gravelly colluvial slopes, dissected	M135A_800	Escarpments
Alpine-scrub-sedge gravelly slopes, frozen	M135A_180	Gravelly Frozen Slopes
Subalpine-forested hardwood gravelly colluvial slopes	M135A_801	Escarpments, Cool
10ES1:		
Boreal-forested gravelly colluvial slopes, dissected	M135A_800	Escarpments
Boreal-taiga high elevation silty loess slopes, frozen	M135A_400	Loamy Frozen Slopes
Alpine-scrub-sedge gravelly slopes, frozen	M135A_180	Gravelly Frozen Slopes
10LM:		
Alpine-scrub-sedge gravelly slopes, frozen	M135A_180	Gravelly Frozen Slopes
Alpine-scrub mosaic gravelly slopes	M135A_356	Gravelly Slopes, High Elevation
10P1:		
Alpine-scrub gravelly circles, frozen	M135A_182	Gravelly Frozen Slopes, Ruptic
Alpine-scrub-sedge gravelly slopes, frozen	M135A_180	Gravelly Frozen Slopes
10P3:		
Boreal-taiga high elevation silty loess slopes, frozen	M135A_400	Loamy Frozen Slopes
Boreal-taiga/tussock silty frozen loess slopes, Alaska Mountains	M135A_105	Loamy Frozen Terraces, Wet
Boreal-taiga high elevation silty loess hills, frozen	M135A_113	Loamy Frozen Slopes, Ice Cored
10P4:		
Alpine-scrub gravelly circles, frozen	M135A_182	Gravelly Frozen Slopes, Ruptic
Alpine-scrub mosaic gravelly slopes	M135A_356	Gravelly Slopes, High Elevation
Alpine-scrub-sedge gravelly slopes, frozen	M135A_180	Gravelly Frozen Slopes
10SU:		
Alpine-tussock-scrub silty loess slopes, frozen	M135A_175	Loamy Frozen Wet Terraces, High Elevation
Alpine-scrub-sedge gravelly slopes, frozen	M135A_180	Gravelly Frozen Slopes
10TS:		
Boreal-taiga high elevation silty loess slopes, frozen	M135A_400	Loamy Frozen Slopes
Boreal-taiga/tussock silty frozen loess slopes, Alaska Mountains	M135A_105	Loamy Frozen Terraces, Wet
10TS1:		
Boreal-taiga gravelly slopes, frozen	M135A_400	Loamy Frozen Slopes
Boreal-taiga/tussock silty frozen loess slopes, Alaska Mountains	M135A_105	Loamy Frozen Terraces, Wet
10V2:		
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	M135A_105	Loamy Frozen Terraces, Wet
Boreal-taiga high elevation loamy terraces, frozen	M135A_104	Loamy Frozen Terraces
Boreal-riparian scrub gravelly flood plains	M135A_204	Gravelly Flood Plains
11FP:		
Boreal-riparian forested loamy high flood plains	M135A_151	Loamy High Flood Plains
Boreal-riparian scrub gravelly flood plains, moderately wet	M135A_204	Gravelly Flood Plains
Boreal-riparian scrub gravelly flood plains	M135A_204	Gravelly Flood Plains

Table 6. Common Component-Landtype Correlation By Mapunit--Continued

Map symbol and common component name	Landtype ID	Landtype Name
11P:		
Alpine-tussock-scrub silty loess slopes, frozen	M135A_175	Loamy Frozen Wet Terraces, High Elevation
11P1:		
Alpine-tussock-scrub silty loess slopes, frozen	M135A_175	Loamy Frozen Wet Terraces, High Elevation
Alpine-scrub organic mounds, frozen	M135A_112	Peat Mounds
Alpine-sedge bog organic depressions, frozen	M135A_530	Organic Depressions, Bogs
11ST:		
Boreal-riparian forested loamy high flood plains	M135A_151	Loamy High Flood Plains
Boreal-taiga high elevation loamy terraces, frozen	M135A_104	Loamy Frozen Terraces
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	M135A_105	Loamy Frozen Terraces, Wet
12B:		
Boreal-sedge bog organic depressions	135A_534	Organic Depressions, Very Wet
Boreal-woodland bog organic depressions	135A_535	Organic Depressions
12HS2:		
Boreal-forested silty till slopes, ash influenced, warm	135A_359	Till Slopes
Boreal-forested silty wet till slopes, ash influenced	135A_362	Till Slopes, Wet
Boreal-sedge bog organic depressions	135A_534	Organic Depressions, Very Wet
13F21:		
Subalpine-riparian scrub gravelly diorite flood plains, moderately wet	135A_200	Gravelly Low Flood Plains
Alpine-riparian scrub loamy diorite low flood plains, wet	135A_152	Loamy Wet Flood Plains, High Elevation
Subalpine-riparian wet meadow organic depressions	135A_500	Loamy Wet Flood Plains
13F22:		
Alpine-riparian scrub gravelly diorite flood plains	135A_257	Gravelly Flood Plains, Cool
Nonvegetated alluvium	Riverwash	Alluvium, Nonvegetated
Alpine-riparian scrub loamy diorite low flood plains, wet	135A_152	Loamy Wet Flood Plains, High Elevation
13FP:		
Boreal-riparian forested gravelly high flood plains, Cook Inlet	135A_100	Loamy Flood Plains
Boreal-riparian scrub gravelly flood plains, moderately wet and warm	135A_200	Gravelly Low Flood Plains
Nonvegetated alluvium	Riverwash	Alluvium, Nonvegetated
13FP2:		
Boreal-riparian forested hardwood gravelly flood plains	135A_201	Gravelly Flood Plains
Nonvegetated alluvium	Riverwash	Alluvium, Nonvegetated
Boreal-riparian scrub gravelly flood plains, moderately wet and warm	135A_200	Gravelly Low Flood Plains
13FPW:		
Boreal-riparian scrub loamy wet flood plains, Cook Inlet	135A_500	Loamy Wet Flood Plains
Boreal-riparian forested loamy wet flood plains, Cook Inlet	135A_156	Loamy Wet High Flood Plains
Subalpine-riparian wet meadow organic depressions	135A_500	Loamy Wet Flood Plains
13FWW:		
Boreal-riparian scrub organic flood plains, wet	135A_502	Organic High Flood Plains
Boreal-riparian wet meadow organic flood plains, Cook Inlet	135A_501	Organic High Flood Plains, Very Wet
Boreal-riparian forested loamy wet flood plains, Cook Inlet	135A_156	Loamy Wet High Flood Plains
G:		
Nonvegetated alluvium, Alaska Mountains, Boreal	Riverwash	Alluvium, Nonvegetated
G1:		
Nonvegetated alluvium, Yukon-Kuskokwim Bottomlands	Riverwash	Alluvium, Nonvegetated
G2:		
Nonvegetated alluvium, Cook Inlet Lowlands	Riverwash	Alluvium, Nonvegetated

Table 6. Common Component-Landtype Correlation By Mapunit--Continued

Map symbol and common component name	Landtype ID	Landtype Name
GA:		
Nonvegetated alluvium, Alaska Mountains, Alpine	Riverwash	Alluvium, Nonvegetated
NV1:		
Nonvegetated Mountains, Alaska Mountains	M135A_ROC	Rock and Ice, Nonvegetated
NV2:		
Nonvegetated Mountains, South Central Mountains	M135S_ROC	South Central Rock and Ice, Nonvegetated
W:		
Water	Water	Water, Nonvegetated

Table 7. Landtype-Soils Correlation

Landtype	Common Component Name
Loamy Flood Plains (131B_100)	Boreal-riparian forested loamy flood plains, moderately wet Boreal-riparian scrub loamy schist flood plains
Loamy High Flood Plains (131B_101)	Boreal-riparian forested loamy flood plains, Yukon-Kuskokwim Boreal-riparian forested loamy flood plains, thick surface Boreal-riparian forested loamy schist flood plains
Loamy Frozen Flood Plains (131B_102)	Boreal-riparian forested loamy flood plains, frozen Boreal-riparian forested mica rich loamy flood plains, frozen
Loamy Frozen Terraces (131B_104)	Boreal-taiga deep loamy terraces, frozen Boreal-taiga loamy terraces, frozen Boreal-taiga mica rich loamy terraces, frozen Boreal-taiga silty outwash plains, frozen
Loamy Frozen Terraces, Wet (131B_105)	Boreal-taiga/tussock loamy eolian slopes, frozen Boreal-taiga/tussock mica rich silty terraces, frozen Boreal-taiga/tussock silty terraces, frozen
Gravelly and Sandy Terraces (131B_108)	Boreal-forested gravelly terraces
Peat Plateaus (131B_111)	Boreal-taiga peat plateaus, frozen
Loamy Frozen Slopes, Ice Cored (131B_113)	Boreal-taiga silty loess hills, frozen
Loamy Wet Flood Plains (131B_153)	Boreal-riparian scrub silty flood plains, wet
Loamy Wet Flood Plains, Frozen (131B_156)	Boreal-riparian forested loamy wet flood plains, frozen Boreal-riparian woodland loamy flood plains, wet
Sandy Hills (131B_185)	Boreal-forested sandy hills
Gravelly Flood Plains (131B_255)	Boreal-riparian forested gravelly flood plains Boreal-riparian forested gravelly high flood plains, Yukon-Kuskokwim
Loamy Frozen Slopes (131B_400)	Boreal-taiga loamy eolian slopes, frozen Boreal-taiga silty colluvial slopes, frozen Boreal-taiga silty loess slopes, frozen
Loamy Frozen Slopes, Wet (131B_402)	Boreal-taiga/tussock silty colluvial slopes, frozen Boreal-taiga/tussock silty loess slopes, frozen
Organic Depressions, Fens (131B_501)	Boreal-riparian wet meadow organic depressions
Silty Drainages, Frozen (131B_502)	Boreal-riparian tall scrub silty frozen drains, Yukon-Kuskokwim

Table 7. Landtype-Soils Correlation—Continued

Landtype	Common Component Name
Silty Drainages, Very Wet (131B_503)	Boreal-riparian scrub silty drains, frozen
Loamy Channels (131B_505)	Boreal-taiga gravelly alluvial plains, wet Boreal-taiga loamy channels, frozen Boreal-taiga mica rich loamy channels, frozen
Organic Depressions, Eutrophic Fens (131B_506)	Boreal-riparian fen organic depressions
Depressions, Bogs (131B_530)	Boreal-bog organic depressions
Peat Slopes, Frozen (131B_531)	Boreal-taiga peat slopes, frozen
Loamy Depressions, Eutrophic Bogs (131B_532)	Boreal-loamy wet meadows
Organic Moderately Wet Depressions, Bogs (131B_533)	Boreal-taiga scrub bog organic depressions
Loamy Flood Plains (135A_100)	Boreal-riparian forested gravelly high flood plains, Cook Inlet
Loamy Flood Plains, High Elevation (135A_150)	Alpine-riparian scrub loamy flood plains, warm Subalpine-riparian scrub loamy diorite flood plains
Loamy Wet Flood Plains, High Elevation (135A_152)	Alpine-riparian scrub loamy diorite low flood plains, wet Alpine-riparian scrub loamy wet flood plains, warm
Loamy Wet High Flood Plains (135A_156)	Boreal-riparian forested loamy wet flood plains, Cook Inlet
Gravelly Low Flood Plains (135A_200)	Boreal-riparian scrub gravelly flood plains, moderately wet and warm Subalpine-riparian scrub gravelly diorite flood plains, moderately wet
Gravelly Flood Plains (135A_201)	Boreal-riparian forested hardwood gravelly flood plains
Gravelly Flood Plains, Cool (135A_257)	Alpine-riparian scrub gravelly diorite flood plains Alpine-riparian scrub gravelly flood plains, warm
Till Slopes (135A_359)	Boreal-forested gravelly fan terraces Boreal-forested silty till slopes, ash influenced, warm
Till Slopes, Wet (135A_362)	Boreal-forested silty wet till slopes, ash influenced
Loamy Wet Flood Plains (135A_500)	Boreal-riparian scrub loamy wet flood plains, Cook Inlet Subalpine-riparian wet meadow organic depressions
Organic High Flood Plains, Very Wet (135A_501)	Boreal-riparian scrub organic flood plains, very wet
Organic High Flood Plains (135A_502)	Boreal-riparian scrub organic flood plains, wet

Table 7. Landtype-Soils Correlation—Continued

Landtype	Common Component Name
Organic Depressions, Very Wet (135A_534)----------	Boreal-sedge bog organic depressions
Organic Depressions (135A_535) ----------	Boreal-woodland bog organic depressions
Moraines, Ice Cored (135A_803) ----------	Boreal-woodland gravelly moraines Subalpine-scrub gravelly moraines
Gravelly Frozen Slopes, Wet (M131B_179) ----------	Alpine-tussock-scrub mica rich silty slopes, Kuskokwim Mountains
Silty Slopes (M131B_349)----------	Boreal-forested mica-rich silty loess slopes
Silty Slopes, Cool (M131B_355)----------	Boreal-taiga mica rich silt loess slopes
Loamy Frozen Slopes (M131B_400)----------	Boreal-taiga mica-rich silty frozen colluvial slopes, Kuskokwim Mountains Boreal-taiga silty schist slopes, frozen
Loamy Frozen Slopes, Very Wet (M131B_403)----------	Boreal-tussock-scrub mica rich silty loess slopes, frozen
Loamy Frozen Slopes, High Elevation (M131B_415)----------	Alpine-scrub gravelly schist circles, Kuskokwim Mountains Alpine-scrub-sedge gravelly schist hummocks, frozen
Silty Drainages, Frozen (M131B_504) ----------	Boreal-riparian scrub mica rich silty drains, frozen
Loamy Flood Plains (M135A_100) ----------	Boreal-riparian scrub loamy flood plains
Loamy Frozen Terraces (M135A_104) ----------	Boreal-taiga high elevation loamy terraces, frozen
Loamy Frozen Terraces, Wet (M135A_105) ----------	Boreal-taiga/tussock silty frozen loess slopes, Alaska Mountains Boreal-taiga/tussock mica rich silty loess slopes, frozen Boreal-taiga/tussock silty frozen terraces, Alaska Mountains
Peat Mounds (M135A_112) ----------	Alpine-scrub organic mounds, frozen
Loamy Frozen Slopes, Ice Cored (M135A_113)----------	Boreal-taiga high elevation silty mica-rich loess hills, frozen
Loamy Flood Plains, High Elevation (M135A_150) ----------	Alpine-riparian scrub loamy flood plains Alpine-riparian scrub loamy schist flood plains
Loamy High Flood Plains (M135A_151) ----------	Boreal-riparian forested gravelly schist flood plains Boreal-riparian forested loamy high flood plains
Loamy Wet Flood Plains, High Elevation (M135A_152)---------	Alpine-riparian scrub loamy flood plains, wet Alpine-riparian scrub loamy schist flood plains, wet Alpine-riparian scrub loamy wet diorite low flood plains, cool
Loamy Wet Flood Plains (M135A_153) ----------	Boreal-riparian scrub loamy schist flood plains, wet Boreal-riparian scrub loamy wet flood plains

Table 7. Landtype-Soils Correlation—Continued

Landtype	Common Component Name
Loamy Wet High Flood Plains (M135A_156)----------	Boreal-riparian forested loamy flood plains, very wet
Loamy Frozen Wet Terraces, High Elevation (M135A_175)--	Alpine-tussock-scrub gravelly schist slopes, frozen Alpine-tussock-scrub mica rich silty slopes, frozen
Loamy Frozen Wet Terraces, High Elevation (M135A_175)---	Alpine-tussock-scrub silty loess slopes, frozen
Loamy Frozen Slopes, High Elevation (M135A_177)----------	Alpine-scrub gravelly till slopes, frozen Alpine-scrub loamy diorite terraces, frozen
Gravelly Frozen Slopes (M135A_180) ----------	Alpine-scrub gravelly diorite till slopes, frozen Alpine-scrub gravelly schist colluvial toeslopes, frozen Alpine-scrub-sedge gravelly slopes, frozen Alpine-scrub-sedge gravelly till slopes, frozen Alpine-scrub-sedge loamy terraces, frozen Alpine-scrub-sedge silty hummocks, frozen Alpine-scrub-sedge-gravelly schist hummocks, frozen
Gravelly Frozen Slopes, Ruptic (M135A_182) ----------	Alpine-scrub gravelly circles, frozen Alpine-scrub gravelly schist circles, frozen Alpine-scrub gravelly till circles, frozen
Gravelly Frozen Slopes, Cold (M135A_183) ----------	Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen Alpine-sedge-dwarf scrub gravelly schist slopes, frozen Alpine-sedge-dwarf scrub gravelly swales, frozen
Gravelly High Flood Plains, High Elevation (M135A_185)------	Boreal-riparian forested gravelly high flood plains
Gravelly Low Flood Plains, Wet (M135A_203)----------	Boreal-riparian scrub gravelly flood plains, wet
Gravelly Flood Plains (M135A_204) ----------	Boreal-riparian forested gravelly fans Boreal-riparian scrub gravelly flood plains Boreal-riparian scrub gravelly flood plains, moderately wet
Gravelly Low Flood Plains, Acid (M135A_250)……..	Boreal-riparian scrub gravelly diorite flood plains, moderately wet Boreal-riparian scrub gravelly schist flood plains, moderately wet
Loamy Slopes, High Elevation (M135A_253) ----------	Alpine-scrub silty fan terraces
Gravelly Low Flood Plains, High Elevation (M135A_257)------	Alpine-riparian scrub gravelly diorite flood plains, moderately wet Alpine-riparian scrub gravelly flood plains, moderately wet Alpine-riparian scrub gravelly schist flood plains, moderately wet
Gravelly Flood Plains, Cool (M135A_258) ----------	Alpine-riparian scrub gravelly flood plains Alpine-riparian scrub gravelly flood plains, cool Alpine-riparian scrub gravelly schist flood plains

Table 7. Landtype-Soils Correlation—Continued

Landtype	Common Component Name
Gravelly Mountains, Acid (M135A_303) ----------	Subalpine-riparian scrub gravelly diorite flood plains Subalpine-riparian scrub gravelly fan terraces Subalpine-scrub gravelly colluvial slopes Subalpine-scrub gravelly schist colluvial slopes
Gravelly Mountains, Moist (M135A_306) ----------	Alpine-dwarf scrub dark gravelly colluvial slopes, moist Alpine-dwarf scrub gravelly colluvial slopes, moist Alpine-dwarf scrub gravelly diorite colluvial slopes, moist Alpine-dwarf scrub gravelly fan terraces, moist Alpine-dwarf scrub gravelly schist colluvial slopes, moist Alpine-dwarf scrub gravelly till slopes, moist
Gravelly Mountains, High Elevation (M135A_310)----------	Alpine-dwarf scrub dark gravelly colluvial slopes Alpine-dwarf scrub gravelly colluvial slopes Alpine-dwarf scrub gravelly diorite colluvial slopes Alpine-dwarf scrub gravelly diorite fans Alpine-dwarf scrub gravelly diorite till hummocks and lobes Alpine-dwarf scrub gravelly diorite till slopes Alpine-dwarf scrub gravelly fan terraces Alpine-dwarf scrub gravelly schist colluvial slopes
Gravelly Mountains, High Elevation (M135A_310)----------	Alpine-dwarf scrub gravelly schist steps and lobes Alpine-dwarf scrub gravelly till slopes Alpine-dwarf scrub gravelly till steps and lobes
Gravelly and Sandy Slopes (M135A_350) ----------	Boreal-forested gravelly outwash slopes Boreal-forested gravelly schist terraces Boreal-forested gravelly till slopes Boreal-woodland gravelly terraces
Gravelly and Sandy Terraces, High Elevation (M135A_352)--	Alpine-scrub gravelly schist terraces Alpine-scrub gravelly terraces Alpine-scrub loamy terraces
Loamy Slopes, Wet (M135A_354) ----------	Boreal-forested gravelly till slopes, moderately wet Boreal-forested loamy fan terraces Boreal-forested silty schist slopes, wet
Gravelly Mountains, Warm (M135A_355) ----------	Boreal-forested gravelly schist colluvial slopes Boreal-forested gravelly warm till slopes
Gravelly Slopes, High Elevation (M135A_356) ----------	Alpine-scrub gravelly outwash slopes Alpine-scrub mosaic gravelly colluvial schist slopes Alpine-scrub mosaic gravelly diorite terraces Alpine-scrub mosaic gravelly slopes Alpine-scrub mosaic gravelly till slopes

Table 7. Landtype-Soils Correlation—Continued

Landtype	Common Component Name
Gravelly Slopes (M135A_358)----------	Alpine-scrub gravelly colluvial slopes Alpine-scrub gravelly diorite till slopes Alpine-scrub gravelly schist colluvial slopes Alpine-scrub gravelly schist colluvial slopes, thick surface Alpine-scrub gravelly slopes Alpine-scrub gravelly till slopes
Loamy Frozen Slopes (M135A_400) ----------	Boreal-taiga gravelly schist slopes, frozen Boreal-taiga gravelly slopes, frozen Boreal-taiga gravelly till slopes, frozen Boreal-taiga high elevation silty loess slopes, frozen Boreal-taiga loamy drift slopes, frozen
Swales (M135A_405) ----------	Subalpine-scrub-meadow mosaic dark gravelly swales Subalpine-scrub-meadow mosaic gravelly schist swales Subalpine-scrub-meadow mosaic gravelly swales, Nenana Gravels Subalpine-scrub-meadow mosaic gravelly till swales
Swales, High Elevation (M135A_420) ----------	Alpine-scrub-meadow mosaic gravelly diorite swales Alpine-scrub-meadow mosaic gravelly schist swales Alpine-scrub-meadow mosaic gravelly swales Alpine-scrub-meadow mosaic gravelly till swales
Pond Margins (M135A_500) ----------	Alpine-sedge wet meadow organic depressions, frozen Alpine-wet meadow gravelly pond margins
Loamy Drainages, Frozen (M135A_502) ----------	Boreal-riparian tall scrub silty frozen drains
Loamy Drainages, High Elevation (M135A_505)----------	Subalpine-riparian scrub loamy drains
Organic Depressions, Bogs (M135A_530)----------	Alpine-sedge bog organic depressions, frozen Boreal-sedge/sphagnum bog organic depressions
Loamy Depressions (M135A_550) ----------	Boreal-meadow loamy outwash slope depressions
Loamy Depressions, High Elevation (M135A_551)----------	Alpine-dwarf scrub gravelly diorite fans, cool Alpine-dwarf scrub-meadow mosaic gravelly depressions Alpine-dwarf scrub-meadow mosaic gravelly fan swales
Escarpments (M135A_800)----------	Boreal-forested gravelly colluvial slopes, dissected
Escarpments, Cool (M135A_801) ----------	Subalpine-forested hardwood gravelly colluvial slopes Subalpine-scrub gravelly colluvial slopes, dry
Moraines, Ice Cored (M135A_802) ----------	Alpine-dwarf scrub gravelly diorite moraines Alpine-scrub gravelly moraines, calcareous

Table 7. Landtype-Soils Correlation—Continued

Landtype	Common Component Name
Rock and Ice, Nonvegetated (M135A_ROC)----------	Interior-nonvegetated rock outcrop, ice, talus, and/or drift
Gravelly Mountains, Moist (M135S_307) ----------	Alpine-dwarf scrub gravelly colluvial slopes, cool Alpine-dwarf scrub gravelly diorite colluvial slopes, cool Alpine-dwarf scrub gravelly diorite colluvial slopes, warm Alpine-dwarf scrub gravelly diorite till slopes, cool
Gravelly Mountains (M135S_310) ----------	Alpine-dwarf scrub gravelly colluvial slopes, warm Alpine-dwarf scrub gravelly diorite till slopes, warm Alpine-dwarf scrub gravelly fan terraces, warm Alpine-dwarf scrub gravelly till hummocks
Gravelly Slopes (M135S_358) ----------	Alpine-scrub gravelly colluvial slopes, warm Alpine-scrub gravelly till slopes, warm
Hummocks (M135S_363) ----------	Alpine-dwarf scrub silty hummocks Alpine-dwarf scrub silty till hummocks
Hummocks, Moderately Wet (M135S_364) ----------	Alpine-scrub gravelly till hummocks
Silty Slopes, High Elevation (M135S_405) ----------	Subalpine-scrub gravelly fan terraces Subalpine-scrub-meadow mosaic gravelly colluvial slopes Subalpine-scrub-meadow mosaic silty till slopes
Gravelly Colluvial Slopes (M135S_421) ----------	Alpine-scrub-meadow mosaic gravelly colluvial slopes Alpine-scrub-meadow mosaic gravelly diorite colluvial slopes Alpine-scrub-meadow mosaic silty till slopes
Swales (M135S_422) ----------	Alpine-scrub gravelly wet till swales
Swales, Wet (M135S_424) ----------	Alpine-scrub mosaic gravelly till drains
Organic Depressions (M135S_536) ----------	Alpine-sedge wet meadow organic depressions
Loamy Depressions (M135S_551) ----------	Alpine-dwarf scrub-meadow mosaic gravelly colluvial slopes Alpine-dwarf scrub-meadow mosaic gravelly diorite swales
South Central Rock and Ice, Nonvegetated (M135S_ROC)---	South Central nonvegetated rock outcrop, ice, talus, and/or drift
Alluvium, Nonvegetated (Riverwash) ----------	Nonvegetated alluvium
Water, Nonvegetated (Water) ----------	Water

Table 8. Classification of the Soils

Soil name	Family or higher taxonomic class
Andic Dystrocryepts, loamy-skeletal	Loamy-skeletal, mixed, superactive Andic Dystrocryepts
Andic Humicryods, medial over loamy-skeletal	Medial over loamy-skeletal, amorphic over mixed, superactive Andic Humicryods
Andic Humicryods, medial-skeletal	Medial-skeletal, amorphic, superactive Andic Humicryods
Aquandic Cryaquepts, loamy-skeletal	Loamy-skeletal, mixed, superactive, nonacid Aquandic Cryaquepts
Aquandic Haplocryods, loamy-skeletal	Loamy-skeletal, mixed, superactive, Aquandic Haplocryods
Aquic Cryofluvents, coarse-loamy over sandy-skeletal	Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, nonacid Aquic Cryofluvents
Cryofibrists, euic	Euic Cryofibrists
Cryohemists, euic	Euic Cryohemists
Fluvaquentic Aquorthels, coarse-silty	Coarse-silty, mixed, superactive, subgelic Fluvaquentic Aquorthels
Fluvaquentic Cryohemists, dysic	Dysic Fluvaquentic Cryohemists
Fluvaquentic Historthels, coarse-loamy	Coarse-loamy, mixed, superactive, subgelic Fluvaquentic Historthels
Fluvaquentic Historthels, coarse-silty	Coarse-silty, mixed, superactive, subgelic Fluvaquentic Historthels
Fluventic Haplorthels, coarse-loamy	Coarse-loamy, mixed, superactive, subgelic Fluventic Haplorthels
Glacic Folistels, dysic	Dysic, subgelic Glacic Folistels
Histic Cryaquepts, loamy-skeletal	Loamy-skeletal, mixed, superactive, nonacid Histic Cryaquepts
Humic Cryaquepts, coarse-loamy	Coarse-loamy, mixed, superactive, acid Humic Cryaquepts
Humic Cryaquepts, loamy-skeletal	Loamy-skeletal, paramicaceous, superactive, nonacid Humic Cryaquepts
Humic Eutrogelepts, loamy-skeletal	Loamy-skeletal, mixed, superactive, subgelic Humic Eutrogelepts
Humic Vitricryands, medial-skeletal	Medial-skeletal, mixed, superactive Humic Vitricryands
Hydric Cryofibrists, dysic	Dysic Hydric Cryofibrists
Oxyaquic Cryorthents, sandy-skeletal	Sandy-skeletal, mixed Oxyaquic Cryorthents Sandy-skeletal, paramicaceous Oxyaquic Cryorthents
Oxyaquic Eutrocryepts, coarse-silty over sandy-skeletal	Coarse-silty over sandy or sandy-skeletal, mixed, superactive Oxyaquic Eutrocryepts
Oxyaquic Eutrocryepts, loamy-skeletal	Loamy-skeletal, paramicaceous, superactive, subgelic Oxyaquic Eutrocryepts
(Oxyaquic) Humic Eutrogelepts, coarse-loamy*	Coarse-loamy, mixed, superactive, subgelic, (Oxyaquic) Humic Eutrogelepts
(Oxyaquic) Humic Eutrogelepts, coarse-silty over sandy-skeletal*	Coarse-silty over sandy or sandy-skeletal, mixed, superactive, subgelic, (Oxyaquic) Humic Eutrogelepts
(Oxyaquic) Humic Eutrogelepts, loamy-skeletal*	Loamy-skeletal, mixed, superactive, subgelic, (Oxyaquic) Humic Eutrogelepts Loamy-skeletal, paramicaceous, superactive, subgelic, (Oxyaquic) Humic Eutrogelepts
Oxyaquic Gelorthents, sandy-skeletal	Sandy-skeletal, mixed, subgelic Oxyaquic Gelorthents Sandy-skeletal, paramicaceous, subgelic Oxyaquic Gelorthents
Oxyaquic Haplocryolls, coarse-loamy	Coarse-loamy, mixed, superactive Oxyaquic Haplocryolls
(Oxyaquic) Typic Haplogelolls, loamy-skeletal*	Loamy-skeletal, mixed, superactive, subgelic (Oxyaquic) Typic Haplogelolls
Ruptic-Histic Aquiturbels, coarse-loamy	Coarse-loamy, mixed, superactive, subgelic Ruptic-Histic Aquiturbels
Ruptic-Histic Aquiturbels, loamy-skeletal	Loamy-skeletal, paramicaceous, superactive, subgelic Ruptic-Histic Aquiturbels
Spodic Dystrocryepts, sandy-skeletal	Sandy-skeletal, mixed Spodic Dystrocryepts
Terric Cryofibrists, euic	Loamy, mixed, euic Terric Cryofibrists
Terric Cryohemists, loamy	Loamy, mixed, euic Terric Cryohemists
Terric Fibristels, loamy	Loamy, mixed, euic, subgelic Terric Fibristels
Terric Hemistels, loamy	Loamy, mixed, dysic, subgelic Terric Hemistels
Thaptic Cryaquands, medial over loamy	Medial over loamy, amorphic over mixed Thaptic Cryaquands
Typic Aquiturbels, loamy-skeletal	Loamy-skeletal, paramicaceous, superactive, subgelic Typic Aquiturbels
Typic Cryaquands, medial over loamy-skeletal	Medial over loamy-skeletal, amorphic over mixed, superactive Typic Cryaquands
Typic Cryaquents, coarse-loamy over sandy-skeletal	Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, nonacid Typic Cryaquents Coarse-loamy over sandy or sandy-skeletal, paramicaceous, superactive, nonacid Typic Cryaquents
Typic Cryaquents, coarse-silty	Coarse-silty, mixed, superactive, nonacid Typic Cryaquents
Typic Cryaquents, sandy-skeletal	Sandy-skeletal, mixed Typic Cryaquents
Typic Cryofibrists, dysic	Dysic Typic Cryofibrists
Typic Cryofluvents, coarse-loamy over sandy-skeletal	Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, nonacid Typic Cryofluvents Coarse-loamy over sandy or sandy-skeletal, paramicaceous, superactive, nonacid Typic Cryofluvents
Typic Cryohemists, euic	Euic Typic Cryohemists

* An Oxyaquic subgroup is not currently recognized for this taxonomic great group. These soils, however, lack the redox features common to the Typic or Humic subgroups. They have seasonally saturated conditions, usually from snowmelt, that persist for a limited time early in spring. An Oxyaquic subgroup for these soils has been proposed for official recognition in TAXONOMY.

Table 8. Classification of the Soils--Continued

Soil name	Family or higher taxonomic class
Typic Cryorthents, loamy-skeletal	Loamy-skeletal, mixed, superactive, nonacid Typic Cryorthents
Typic Cryorthents, sandy-skeletal	Sandy-skeletal, mixed Typic Cryorthents
	Sandy-skeletal, paramicaceous Typic Cryorthents
Typic Dystrocryepts, loamy-skeletal	Loamy-skeletal, mixed, superactive Typic Dystrocryepts
	Loamy-skeletal, paramicaceous, superactive Typic Dystrocryepts
Typic Dystrogelepts, loamy-skeletal	Loamy-skeletal, mixed, superactive, subgelic Typic Dystrogelepts
	Loamy-skeletal, paramicaceous, superactive, subgelic Typic Dystrogelepts
Typic Dystrogelepts, sandy-skeletal	Sandy-skeletal, mixed, subgelic Typic Dystrogelepts
Typic Eutrocryepts, coarse-loamy	Coarse-loamy, mixed, superactive Typic Eutrocryepts
Typic Eutrocryepts, coarse-silty	Coarse-silty, mixed, superactive Typic Eutrocryepts
Typic Eutrocryepts, loamy-skeletal	Loamy-skeletal, mixed, superactive Typic Eutrocryepts
Typic Eutrocryepts, sandy-skeletal	Sandy-skeletal, mixed Typic Eutrocryepts
Typic Eutrogelepts, loamy-skeletal	Loamy-skeletal, mixed, superactive, subgelic Typic Eutrogelepts
Typic Eutrogelepts, sandy-skeletal	Sandy-skeletal, mixed, subgelic Typic Eutrogelepts
Typic Gelaquents, coarse-loamy over sandy-skeletal	Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, nonacid, subgelic Typic Gelaquents
	Coarse-loamy over sandy or sandy-skeletal, paramicaceous, superactive, nonacid, subgelic Typic Gelaquents
Typic Gelifluvents, coarse-loamy over sandy-skeletal	Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, nonacid, subgelic Typic Gelifluvents
	Coarse-loamy over sandy or sandy-skeletal, paramicaceous, superactive, nonacid, subgelic Typic Gelifluvents
Typic Gelorthents, loamy-skeletal	Loamy-skeletal, mixed, superactive, calcareous, subgelic Typic Gelorthents
Typic Gelorthents, sandy-skeletal	Sandy-skeletal, mixed, subgelic Typic Gelorthents
	Sandy-skeletal, paramicaceous, subgelic Typic Gelorthents
Typic Haplocryods, loamy-skeletal	Loamy-skeletal, mixed, superactive Typic Haplocryods
	Loamy-skeletal, paramicaceous, superactive Typic Haplocryods
Typic Haplocryods, sandy	Sandy, mixed Typic Haplocryods
Typic Haplogelods, coarse-loamy over sandy-skeletal	Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, subgelic Typic Haplogelods
Typic Haplogelods, loamy-skeletal	Loamy-skeletal, mixed, superactive, subgelic Typic Haplogelods
Typic Haplogelods, sandy-skeletal	Sandy-skeletal, mixed, subgelic Typic Haplogelods
	Sandy-skeletal, paramicaceous, subgelic Typic Haplogelods
Typic Haplogelolls, loamy-skeletal	Loamy-skeletal, mixed, superactive, subgelic Typic Haplogelolls
Typic Historthels, coarse-loamy	Coarse-loamy, mixed, superactive, subgelic Typic Historthels
	Coarse-loamy, paramicaceous, superactive, subgelic Typic Historthels
Typic Historthels, coarse-loamy over sandy-skeletal	Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, subgelic Typic Historthels
Typic Historthels, coarse-silty	Coarse-silty, mixed, superactive, subgelic Typic Historthels
Typic Historthels, loamy-skeletal	Loamy-skeletal, mixed, superactive, subgelic Typic Historthels
	Loamy-skeletal, paramicaceous, superactive, subgelic Typic Historthels
Typic Histoturbels, coarse-loamy	Coarse-loamy, mixed, superactive, subgelic Typic Histoturbels
Typic Histoturbels, coarse-silty	Coarse-silty, mixed, superactive, subgelic Typic Histoturbels
Typic Histoturbels, loamy-skeletal	Loamy-skeletal, paramicaceous, superactive, subgelic Typic Histoturbels
Typic Umbrorthels, coarse-silty	Coarse-silty, mixed, superactive, subgelic Typic Umbrorthels

Table 9. Soil Texture and Particle Size Data

(Data is for soil components only. Miscellaneous area components not listed. Under Rock Fragments, Kind, 'gravel' = fine, medium, and coarse gravel, 'm&c gravel' = medium and coarse gravel, and 'f gravel' = fine gravel. Absence of an entry means that data do not apply.)

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
1FP:								
Boreal-riparian forested loamy wet flood plains, frozen	O	0-20	mucky peat	0: 0: 0	---	---	---	---
	Cg/Oab	20-41	very fine sandy loam, muck	0: 0: 5	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 0: 5	cobbles			
	Cg/Oabf	41-150	stratified fine sand to muck	0: 0: 5	gravel	40:90:100	0: 8: 55	0: 2: 5
				0: 0: 5	cobbles			
Boreal-riparian forested loamy flood plains, moderately wet	O	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	2-33	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	Cg	33-54	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	54-150	extremely gravelly coarse sand	20:45: 65	gravel	75:90: 95	0: 8: 15	0: 2: 5
				0:20: 25	cobbles			
Boreal-riparian forested loamy flood plains, Kuskokwim Plains	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	5-25	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	C	25-92	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	92-150	extremely gravelly coarse sand	20:50: 65	gravel	80:90: 95	0: 8: 15	0: 2: 5
				0:20: 25	cobbles			
1FP2:								
Boreal-taiga deep loamy terraces, frozen	Oi	0-22	peat	0: 0: 0	---	---	---	---
	A	22-31	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	2C	31-53	stratified sand to silt	0: 5: 10	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 0: 5	cobbles			
	2Cf	53-150	stratified sand to silt	0: 5: 10	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 5: 10	cobbles			
Boreal-riparian forested loamy flood plains, Kuskokwim Plains	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	5-25	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	C	25-92	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	92-150	extremely gravelly coarse sand	20:45: 65	gravel	80:90: 95	0: 8: 15	0: 2: 5
				0:20: 25	cobbles			
1FP4:								
Boreal-riparian forested loamy wet flood plains, frozen	O	0-20	mucky peat	0: 0: 0	---	---	---	---
	Cg/Oab	20-41	very fine sandy loam, muck	0: 0: 5	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 0: 5	cobbles			
	Cg/Oabf	41-150	stratified fine sand to muck	0: 0: 5	gravel	40:90:100	0: 8: 55	0: 2: 5
				0: 0: 5	cobbles			
Boreal-riparian forested loamy flood plains, frozen	O	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	8-21	silt loam	0: 0: 0	---	15:30: 60	35:65: 75	0: 5: 10
	C/Oab	21-78	stratified silt to fine sand to muck	0: 0: 5	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 0: 5	cobbles			
	Cf	78-150	stratified fine sand to silt	0: 0: 5	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 0: 5	cobbles			
Boreal-riparian wet meadow organic depressions	Oi	0-56	peat	0: 0: 0	---	---	---	---
	Cg	56-150	silt loam	0: 0: 0	---	15:30: 55	35:65: 75	0: 5: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
1FW1:								
Boreal-taiga deep loamy terraces, frozen	Oi	0-22	peat	0: 0: 0	---	---	---	---
	A	22-31	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	2C	31-53	stratified sand to silt	0: 5: 10	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 0: 5	cobbles			
	2Cf	53-150	stratified sand to silt	0: 5: 10	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 5: 10	cobbles			
Boreal-taiga/tussock silty terraces, frozen	O	0-48	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	48-64	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	64-150	stratified very fine sand to silt	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga loamy channels, frozen	Oi	0-24	peat	0: 0: 0	---	---	---	---
	A/C	24-31	silt loam	0: 0: 0	---	15:30: 55	40:65: 75	0: 5: 10
	Cg/Oeb	31-53	stratified silt to fine sand to muck	0: 5: 10	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 0: 5	cobbles			
	Cgf	53-150	stratified fine sand to silt	0: 5: 10	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 5: 10	cobbles			
1ST:								
Boreal-taiga silty loess slopes, frozen	Oi and Oe	0-23	peat	0: 0: 0	---	---	---	---
	A	23-39	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	39-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-riparian forested loamy flood plains, frozen	O	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	8-21	silt loam	0: 0: 0	---	15:30: 60	35:65: 75	0: 5: 10
	C/Oab	21-78	stratified silt to fine sand to muck	0: 0: 5	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 0: 5	cobbles			
	Cf	78-150	stratified fine sand to silt	0: 0: 5	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 0: 5	cobbles			
Boreal-riparian wet meadow organic depressions	Oi	0-56	peat	0: 0: 0	---	---	---	---
	Cg	56-150	silt loam	0: 0: 0	---	15:30: 55	35:65: 75	0: 5: 10
1ST1:								
Boreal-taiga deep loamy terraces, frozen	Oi	0-22	peat	0: 0: 0	---	---	---	---
	A	22-31	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	2C	31-53	stratified sand to silt	0: 5: 10	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 0: 5	cobbles			
	2Cf	53-150	stratified sand to silt	0: 5: 10	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 5: 10	cobbles			
Boreal-taiga/tussock silty terraces, frozen	O	0-48	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	48-64	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	64-150	stratified very fine sand to silt	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-riparian wet meadow organic depressions	Oi	0-56	peat	0: 0: 0	---	---	---	---
	Cg	56-150	silt loam	0: 0: 0	---	15:30: 55	35:65: 75	0: 5: 10
1STW:								
Boreal-taiga/tussock silty terraces, frozen	O	0-48	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	48-64	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	64-150	stratified very fine sand to silt	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
1STW:								
Boreal-taiga loamy channels, frozen	Oi	0-24	peat	0: 0: 0	---	---	---	---
	A/C	24-31	silt loam	0: 0: 0	---	15:30: 55	40:65: 75	0: 5: 10
	Cg/Oeb	31-53	stratified silt to fine sand to muck	0: 5: 10 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	Cgf	53-150	stratified fine sand to silt	0: 5: 10 0: 5: 10	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
Boreal-taiga deep loamy terraces, frozen	Oi	0-22	peat	0: 0: 0	---	---	---	---
	A	22-31	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	2C	31-53	stratified sand to silt	0: 5: 10 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	2Cf	53-150	stratified sand to silt	0: 5: 10 0: 5: 10	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
1STW2:								
Boreal-taiga gravelly alluvial plains, wet	Oi and Oe	0-43	peat	0: 0: 0	---	---	---	---
	Cg	43-150	stratified very gravelly sand to silt	20:35: 60 0:10: 25	gravel cobbles	60:75: 85	15:20: 30	0: 5: 10
Boreal-riparian scrub silty drains, frozen	Oe	0-24	mucky peat	0: 0: 0	---	---	---	--
	Cg/Oe	24-99	mixed silt loam and mucky peat	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	99-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-riparian fen organic depressions	Oi and Oe	0-54	mucky peat	0: 0: 0	---	0: 0: 10	0:20: 40	0: 0: 5
	Cg	54-130	stratified fine sand to silt	0: 5: 20 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	2C	130-150	very gravelly loamy coarse sand	20:40: 65 0: 5: 25	gravel cobbles	80:85: 95	0:13: 15	0: 2: 5
2FG:								
Boreal-taiga/tussock silty terraces, frozen	O	0-48	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	48-64	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	64-150	stratified very fine sand to silt	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga peat plateaus, frozen	Oi and Oe	0-45	peat	0: 0: 0	---	---	---	---
	Oef	45-150	mucky peat	0: 0: 0	---	---	---	---
2FP2:								
Boreal-riparian forested loamy schist flood plains	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	5-11	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	C	11-73	stratified sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	73-150	extremely cobbly loamy coarse sand	20:40: 65 0:20: 25	gravel cobbles	75:85: 95	0:13: 15	0: 2: 5
Boreal-riparian scrub loamy schist flood plains	Oi	0-9	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	9-25	stratified sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	C	25-66	stratified sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	66-150	extremely gravelly coarse sand	20:50: 65 0:20: 25	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
Boreal-riparian forested gravelly flood plains	O	0-4	moderately decomposed plant material	0: 5: 10 0: 5: 10	gravel cobbles	---	---	---
	A	4-8	stratified sand to silt	0: 0: 10	cobbles	60:65: 85	10:30: 35	0: 5: 10
	2AC	8-19	extremely gravelly coarse sand	35:45: 60 0:20: 35	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
	2C	19-150	extremely gravelly coarse sand	35:45: 60 0:20: 35	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
2FP3:								
Boreal-riparian forested loamy flood plains, Kuskokwim Plains	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	5-25	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	C	25-92	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	92-150	extremely gravelly coarse sand	20:50: 65 0:20: 25	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
Boreal-riparian forested loamy flood plains, moderately wet	O	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	2-33	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	Cg	33-54	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	54-150	extremely gravelly coarse sand	20:45: 65 0:20: 25	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
Boreal-riparian forested gravelly flood plains	O	0-4	moderately decomposed plant material	0: 5: 10 0: 5: 10	gravel cobbles	---	---	---
	A	4-8	stratified sand to silt	0: 0: 10	cobbles	60:65: 85	10:30: 35	0: 5: 10
	2AC	8-19	extremely gravelly coarse sand	35:45: 60 0:20: 35	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
	2C	19-150	extremely gravelly coarse sand	35:45: 60 0:20: 35	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
2FW2:								
Boreal-taiga deep loamy terraces, frozen	Oi	0-22	peat	0: 0: 0	---	---	---	---
	A	22-31	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	2C	31-53	stratified sand to silt	0: 5: 10 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	2Cf	53-150	stratified sand to silt	0: 5: 10 0: 5: 10	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
Boreal-taiga loamy channels, frozen	Oi	0-24	peat	0: 0: 0	---	---	---	---
	A/C	24-31	silt loam	0: 0: 0	---	15:30: 55	40:65: 75	0: 5: 10
	Cg/Oeb	31-53	stratified silt to fine sand to muck	0: 5: 10 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	Cgf	53-150	stratified fine sand to silt	0: 5: 10 0: 5: 10	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
2P:								
Boreal-taiga silty outwash plains, frozen	Oi and Oe	0-28	peat	0: 0: 0	---	---	---	---
	Cg	28-86	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	86-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
2ST:								
Boreal-forested gravelly terraces	Oi	0-10	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A/E	10-20	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	2Bw	20-29	very gravelly loamy sand	25:35: 70 0: 0: 40	gravel cobbles	75:80: 95	0:15: 25	0: 5: 5
	2C	29-150	very gravelly coarse sand	25:40: 70 0: 0: 40	gravel cobbles	75:90: 95	0: 8: 25	0: 2: 5
Boreal-taiga loamy terraces, frozen	Oi and Oe	0-37	peat	0: 0: 0	---	---	---	---
	A	37-41	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2C	41-44	stratified sand to silt	0: 0: 10 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	2Cf	44-90	stratified sand to silt	0: 0: 10 0: 0: 10	gravel cobbles	55:65: 95	5:30: 40	0: 5: 5
	3Cf	90-150	extremely cobbly coarse sand	20:40: 65 0:20: 25	gravel cobbles	75:90: 95	0: 8: 20	0: 2: 5

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
2ST2:								
Boreal-riparian forested gravelly high flood plains, Kuskokwim Plains	O	0-4	moderately decomposed plant material	0: 5: 10 0: 5: 10	gravel cobbles	---	---	---
	A	4-8	stratified sand to silt	0: 0: 10	cobbles	60:65: 85	10:30: 35	0: 5: 10
	2AC	8-19	extremely cobbly loamy coarse sand	35:40: 60 0:30: 35	gravel cobbles	80:85: 95	0:13: 15	0: 2: 5
	2C	19-150	extremely cobbly loamy coarse sand	35:40: 60 0:30: 35	gravel cobbles	80:85: 95	0:13: 15	0: 2: 5
Boreal-riparian forested gravelly flood plains	O	0-4	moderately decomposed plant material	0: 5: 10 0: 5: 10	gravel cobbles	---	---	---
	A	4-8	stratified sand to silt	0: 0: 10	cobbles	60:65: 85	10:30: 35	0: 5: 10
	2AC	8-19	extremely gravelly coarse sand	35:45: 60 0:20: 35	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
	2C	19-150	extremely gravelly coarse sand	35:45: 60 0:20: 35	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
3BG:								
Boreal-loamy wet meadows	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	8-28	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	2Cg	28-150	fine sandy loam	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
Boreal-bog organic depressions	Oi	0-63	peat	0: 0: 0	---	---	---	---
	W	63-143	water	---	---	---	---	---
	C	143-150	silt loam	0: 0: 0	---	30:35: 40	50:60: 70	0: 5: 10
3C:								
Boreal-taiga/tussock silty colluvial slopes, frozen	Oi and Oe	0-40	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	40-77	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	77-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga silty colluvial slopes,frozen	Oi and Oe	0-23	peat	0: 0: 0	---	---	---	---
	A	23-35	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg	35-58	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	58-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
3DH:								
Boreal-taiga/tussock silty loess slopes, frozen	Oi and Oe	0-40	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	40-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga silty loess slopes, frozen	Oi and Oe	0-23	peat	0: 0: 0	---	---	---	---
	A	23-39	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	39-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga/tussock silty colluvial slopes, frozen	Oi and Oe	0-40	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	40-77	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	77-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
3FG:								
Boreal-taiga/tussock silty loess slopes, frozen	Oi and Oe	0-40	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	40-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga silty loess slopes, frozen	Oi and Oe	0-23	peat	0: 0: 0	---	---	---	---
	A	23-39	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	39-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
3FG3:								
Boreal-taiga silty loess slopes, frozen	Oi and Oe	0-23	peat	0: 0: 0	---	---	---	---
	A	23-39	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	39-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
3FG3:								
Boreal-taiga/tussock silty loess slopes, frozen	Oi and Oe	0-40	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	40-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga peat plateaus, frozen	Oi and Oe	0-45	peat	0: 0: 0	---	---	---	---
	Oef	45-150	mucky peat	0: 0: 0	---	---	---	---
3FP1:								
Boreal-riparian forested loamy flood plains, Kuskokwim Plains	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	5-25	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	C	25-92	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	92-150	extremely gravelly coarse sand	20:50: 65 0:20: 25	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
Boreal-taiga loamy terraces, frozen	Oi and Oe	0-37	peat	0: 0: 0	---	---	---	---
	A	37-41	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2C	41-44	stratified sand to silt	0: 0: 10 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	2Cf	44-90	stratified sand to silt	0: 0: 10 0: 0: 10	gravel cobbles	55:65: 95	5:30: 40	0: 5: 5
	3Cf	90-150	extremely cobbly coarse sand	20:40: 65 0:20: 25	gravel cobbles	75:90: 95	0: 8: 20	0: 2: 5
Boreal-riparian forested loamy flood plains, moderately wet	O	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	2-33	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	Cg	33-54	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	54-150	extremely gravelly coarse sand	20:45: 65 0:20: 25	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
3FP3:								
Boreal-taiga/tussock mica rich silty terraces, frozen	Oi and Oe	0-38	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	38-48	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	48-150	stratified very fine sand to silt	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-riparian forested mica-rich loamy flood plains, frozen	O	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	8-21	silt loam	0: 0: 0	---	15:30: 60	35:65: 75	0: 5: 10
	C/Oab	21-78	stratified silt to fine sand to muck	0: 0: 5 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	Cf	78-150	stratified fine sand to silt	0: 0: 5 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
Boreal-taiga mica rich loamy channels, frozen	Oi	0-24	peat	0: 0: 0	---	---	---	---
	A/C	24-31	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg/Oeb	31-53	stratified silt to fine sand to muck	0: 0: 5 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	Cgf	53-150	stratified fine sand to silt	0: 0: 5 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
3FU:								
Boreal-taiga silty loess slopes, frozen	Oi and Oe	0-23	peat	0: 0: 0	---	---	---	---
	A	23-39	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	39-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga/tussock silty loess slopes, frozen	Oi and Oe	0-40	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	40-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
3FU2:								
Boreal-taiga peat plateaus, frozen	Oi and Oe	0-45	peat	0: 0: 0	---	---	---	---
	Oef	45-150	mucky peat	0: 0: 0	---	---	---	---
Boreal-taiga/tussock silty loess slopes, frozen	Oi and Oe	0-40	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	40-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga silty loess slopes, frozen	Oi and Oe	0-23	peat	0: 0: 0	---	---	---	---
	A	23-39	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	39-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
3FU3:								
Boreal-taiga loamy eolian slopes, frozen	Oi	0-29	peat	0: 0: 0	---	---	---	---
	A	29-40	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	C	40-54	fine sandy loam	0: 0: 0	---	55:65: 75	20:30: 40	0: 5: 5
	Cf	54-150	fine sandy loam	0: 0: 0	---	55:65: 75	20:30: 40	0: 5: 5
Boreal-taiga/tussock loamy eolian slopes, frozen	Oi	0-24	peat	0: 0: 0	---	---	---	---
	A	24-46	silt loam	0: 0: 0	---	25:30: 35	55:65: 75	0: 5: 10
	C/Afjj	46-58	fine sandy loam, silt loam	0: 0: 0	---	55:65: 75	20:30: 40	0: 5: 5
	Cf	58-150	fine sandy loam	0: 0: 0	---	55:65: 75	20:30: 40	0: 5: 5
Boreal-forested sandy hills	Oi	0-7	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	7-9	silt loam	0: 2: 3	f gravel	20:35: 55	35:60: 80	0: 5: 10
	Bs	9-16	silt loam	0: 2: 3	f gravel	20:35: 55	35:60: 80	0: 5: 10
	2BC	16-44	fine sand	0: 2: 3	f gravel	80:90: 95	5: 8: 15	0: 2: 5
	2C	44-150	fine sand	0: 2: 3	f gravel	80:90: 95	5: 8: 15	0: 2: 5
3FU4:								
Boreal-taiga silty loess slopes, frozen	Oi and Oe	0-23	peat	0: 0: 0	---	---	---	---
	A	23-39	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	39-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga silty loess hills, frozen	Oi	0-23	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A1	23-27	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Af	27-39	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	39-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
3Y:								
Boreal-taiga silty loess slopes, frozen	Oi and Oe	0-23	peat	0: 0: 0	---	---	---	---
	A	23-39	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	39-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga/tussock silty loess slopes, frozen	Oi and Oe	0-40	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	40-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
3Y:								
Boreal-taiga silty loess hills, frozen	Oi	0-23	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A1	23-27	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Af	27-39	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	39-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
4BS:								
Boreal-taiga mica rich silt loess slopes	Oi	0-10	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	10-19	silt loam	0: 0: 0	---	15:30: 35	55:65: 70	5: 5: 10
	2Bw	19-41	very channery silt loam	15:35: 50 5:10: 30 0: 0: 30	channers flagstones gravel	15:35: 45	45:50: 65	10:15: 20
	2C	41-84	very channery loam	10:35: 60 5:15: 30 5: 5: 35	channers flagstones gravel	15:40: 45	45:45: 65	10:15: 20
	2Cr	84-150	bedrock		---	---	---	---
Boreal-taiga silty schist slopes, frozen	Oi and Oe	0-25	peat	0: 0: 0	---	---	---	---
	A	25-35	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	2Cgf	35-89	extremely channery silt loam	15:50: 60 10:15: 60	channers flagstones	25:35: 45	45:50: 65	10:15: 20
	2Crf	89-150	bedrock		---	---	---	---
4BSS:								
Boreal-forested mica-rich silty loess slopes	Oi	0-6	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	6-9	silt loam	0: 0: 0	---	15:20: 35	55:75: 80	5: 5: 10
	Bw	9-56	very fine sandy loam	0: 0: 0	---	40:55: 60	35:40: 55	5: 5: 10
	C	56-141	very fine sandy loam	0: 0: 0	---	40:55: 60	35:40: 55	5: 5: 10
	2Cr	141-150	bedrock		---	---	---	---
4FS:								
Boreal-taiga mica-rich silty frozen colluvial slopes, Kuskokwim Mountains	Oi and Oe	0-23	peat	0: 0: 0	---	---	---	---
	A	23-39	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	39-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
4S1:								
Alpine-scrub gravelly schist circles, Kuskokwim Mountains	Oi	0-1	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	1-3	silt loam	0: 5: 10 0: 5: 10	channers channers	20:35: 40	55:60: 70	5: 5: 10
	2Bw/Cjj	3-11	very channery silt loam	15:30: 50 0:10: 30	channers flagstones	25:35: 45	45:50: 65	10:15: 20
	2C/Bwjj	11-150	very channery silt loam	15:30: 50 0:10: 40	channers flagstones	25:35: 45	45:50: 65	10:15: 20
	2Crf	>150	bedrock		---	---	---	---
Alpine-tussock-scrub mica rich silty slopes, Kuskokwim Mountains	Oi and Oe	0-31	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	31-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
4S1:								
Alpine-scrub-sedge gravelly schist hummocks, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A/Oajj	20-34	silt loam, muck	0: 5: 10	channers	20:40: 45	45:55: 70	5: 5: 10
				0: 0: 5	channers			
	2Cg	34-42	very channery silt loam	20:35: 50	channers	25:35: 45	45:50: 65	10:15: 20
				2:10: 40	flagstones			
				0: 0: 20	gravel			
				0: 0: 25	cobbles			
	2Cgf	42-150	very channery loam	20:35: 50	channers	25:40: 45	45:45: 65	10:15: 20
				2:10: 40	flagstones			
				0: 0: 20	gravel			
				0: 0: 25	cobbles			
4TS:								
Boreal-tussock-scrub mica rich silty loess slopes, frozen	Oi and Oe	0-40	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	40-77	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	77-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga mica-rich silty frozen colluvial slopes, Kuskokwim Mountains	Oi and Oe	0-23	peat	0: 0: 0	---	---	---	---
	A	23-35	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg	35-58	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	58-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
5MS21:								
Boreal-forested silty schist slopes, wet	Oi	0-9	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	9-18	mucky silt loam	0: 0: 0	---	15:35: 45	40:60: 70	5: 5: 10
	2A	18-27	gravelly silt loam	0: 5: 15	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 30	gravel			
	2C	27-103	very channery silt loam	15:30: 60	channers	25:35: 45	45:50: 65	10:15: 20
				5:10: 15	flagstones			
				0:10: 30	gravel			
	2Cr	103-150	bedrock		---	---	---	---
Subalpine-scrub gravelly schist colluvial slopes	Oi	0-9	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	9-30	silt loam	0: 0: 0	---	15:35: 40	50:60: 70	5: 5: 10
	2Bw	30-58	very channery loam	15:35: 45	channers	15:40: 45	40:45: 65	10:15: 20
				10:15: 30	flagstones			
	2C	58-84	extremely channery loam	15:45: 60	channers	15:40: 45	40:45: 65	10:15: 20
				10:15: 30	flagstones			
				0: 5: 30	gravel			
	2Cr	84-150	bedrock		---	---	---	---
Boreal-taiga gravelly schist slopes, frozen	Oi and Oe	0-25	peat	0: 0: 0	---	---	---	---
	A	25-35	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	2Cgf	35-89	extremely channery silt loam	15:45: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:20: 60	flagstones			
	2Crf	89-150	bedrock		---	---	---	---

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
5P1:								
Alpine-scrub gravelly schist circles, frozen	Oi	0-1	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	1-3	silt loam	0: 0: 10	channers	20:35: 40	55:60: 70	5: 5: 10
				0: 0: 10	flagstones			
				0: 5: 10	gravel			
	2Bw/Cjj	3-11	very channery silt loam	15:30: 50	channers	25:35: 45	45:50: 65	10:15: 20
				0:10: 15	flagstones			
				0: 0: 40	cobbles			
	2C/Bwjj	11-150	very channery silt loam	15:25: 50	channers	25:35: 45	45:50: 65	10:15: 20
				0:10: 15	flagstones			
				0: 0: 65	cobbles			
	2Crf	>150	bedrock		---	---	---	---
Alpine-dwarf scrub gravelly schist steps and lobes	A	0-3	gravelly silt loam	15:25: 30	channers	25:35: 45	40:55: 65	5:10: 15
				0: 5: 20	channers			
	AC/Bw	3-45	very channery silt loam	25:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 20	flagstones			
	C	45-150	very channery silt loam	25:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 20	flagstones			
	Cr	>150	bedrock		---	---	---	---
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen	O	0-17	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A/Cgjj	17-21	very gravelly silt loam	0: 5: 25	channers	25:35: 45	45:50: 65	10:15: 20
				15:30: 40	gravel			
				0: 5: 10	cobbles			
	Cg	21-130	very gravelly loam	5: 5: 50	channers	25:40: 45	40:45: 65	10:15: 20
				15:30: 50	gravel			
				0:10: 10	cobbles			
	Crf	130-150	bedrock		---	---	---	---
5SA1:								
Alpine-dwarf scrub gravelly schist colluvial slopes	A	0-2	gravelly silt loam	5:15: 20	channers	25:35: 45	45:50: 65	10:15: 20
				5:15: 20	channers			
	Bw	2-28	very channery silt loam	15:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 40	flagstones			
	C	28-86	extremely channery silt loam	15:45: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 40	flagstones			
	Cr	86-150	bedrock		---	---	---	---
Alpine-dwarf scrub gravelly schist steps and lobes	A	0-3	gravelly silt loam	15:25: 30	channers	25:35: 45	40:55: 65	5:10: 15
				0: 5: 20	channers			
	AC/Bw	3-45	very channery silt loam	25:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 20	flagstones			
	C	45-150	very channery silt loam	25:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 20	flagstones			
	Cr	>150	bedrock		---	---	---	---
5SA2:								
Alpine-scrub gravelly schist circles, frozen	Oi	0-1	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	1-3	silt loam	0: 0: 10	channers	20:35: 40	55:60: 70	5: 5: 10
				0: 0: 10	flagstones			
				0: 5: 10	gravel			
	2Bw/Cjj	3-11	very channery silt loam	15:30: 50	channers	25:35: 45	45:50: 65	10:15: 20
				0:10: 15	flagstones			
				0: 0: 40	cobbles			
	2C/Bwjj	11-150	very channery silt loam	15:25: 50	channers	25:35: 45	45:50: 65	10:15: 20
				0:10: 15	flagstones			
				0: 0: 65	cobbles			
	2Crf	>150	bedrock		---	---	---	---

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
5SA2:								
Subalpine-scrub-meadow mosaic gravelly schist swales	Oi	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	channery loam	0:10: 20	channers	15:45: 50	40:45: 70	5:10: 15
				0:10: 20	flagstones			
	2Bw and 2C	9-124	very channery loam	15:30: 60	channers	25:40: 45	40:45: 65	10:15: 20
				10:10: 60	flagstones			
	2Cr	124-150	bedrock		---	---	---	---
Alpine-scrub-sedge-gravelly schist hummocks, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A/Oajj	20-34	silt loam, muck	0: 5: 10	channers	20:40: 45	45:55: 70	5: 5: 10
				0: 0: 5	channers			
	2Cg	34-42	very cobbly loam	0: 0: 50	channers	25:40: 45	40:45: 65	10:15: 20
				0: 0: 20	flagstones			
				10:20: 40	gravel			
				15:25: 50	cobbles			
	2Cgf	42-150	very cobbly loam	0: 0: 50	channers	25:40: 45	40:45: 65	10:15: 20
				0: 0: 20	flagstones			
				10:20: 40	gravel			
				15:25: 50	cobbles			
5SA11:								
Alpine-scrub mosaic gravelly colluvial schist slopes	A	0-2	very gravelly silt loam	5:30: 35	gravel	25:35: 45	45:50: 65	10:15: 20
				5:10: 20	cobbles			
	Bw	2-28	very gravelly silt loam	25:40: 60	gravel	25:35: 45	45:50: 65	10:15: 20
				10:15: 60	cobbles			
	C	28-86	extremely cobbly silt loam	15:40: 60	gravel	25:35: 45	45:50: 65	10:15: 20
				10:30: 60	cobbles			
	Cr	86-150	bedrock		---	---	---	---
5SA11:								
Subalpine-scrub-meadow mosaic gravelly schist swales	Oi	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	channery loam	0:10: 20	channers	15:45: 50	40:45: 70	5:10: 15
				0:10: 20	flagstones			
	2Bw and 2C	9-124	very channery loam	15:30: 60	channers	25:40: 45	40:45: 65	10:15: 20
				10:10: 60	flagstones			
	2Cr	124-150	bedrock		---	---	---	---
Alpine-scrub gravelly schist colluvial slopes, thick surface	Oi and Oe	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-8	silt loam	0: 0: 5	channers	15:30: 35	55:65: 75	0: 5: 10
	2Bw	8-20	very channery silt loam	15:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 60	flagstones			
	2C	20-150	extremely channery silt loam	15:45: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 60	flagstones			
	2Cr	>150	bedrock		---	---	---	---
5TS1:								
Alpine-scrub gravelly schist circles, frozen	Oi	0-1	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	1-3	silt loam	0: 0: 10	channers	20:35: 40	55:60: 70	5: 5: 10
				0: 0: 10	flagstones			
				0: 5: 10	gravel			
	2Bw/Cjj	3-11	very channery silt loam	15:30: 50	channers	25:35: 45	45:50: 65	10:15: 20
				0:10: 15	flagstones			
				0: 0: 40	cobbles			
	2C/Bwjj	11-150	very channery silt loam	15:25: 50	channers	25:35: 45	45:50: 65	10:15: 20
				0:10: 15	flagstones			
				0: 0: 65	cobbles			
	2Crf	>150	bedrock		---	---	---	---

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
5TS1:								
Alpine-scrub gravelly schist colluvial slopes, thick surface	Oi and Oe	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-8	silt loam	0: 0: 5	channers	15:30: 35	55:65: 75	0: 5: 10
	2Bw	8-20	very channery silt loam	15:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 60	flagstones			
	2C	20-150	extremely channery silt loam	15:45: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 60	flagstones			
	2Cr	>150	bedrock		---	---	---	---
Alpine-scrub-sedge-gravelly schist hummocks, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A/Oajj	20-34	silt loam, muck	0: 5: 10	channers	20:40: 45	45:55: 70	5: 5: 10
				0: 0: 5	channers			
	2Cg	34-42	very cobbly loam	0: 0: 50	channers	25:40: 45	40:45: 65	10:15: 20
				0: 0: 20	flagstones			
				10:20: 40	gravel			
				15:25: 50	cobbles			
	2Cgf	42-150	very cobbly loam	0: 0: 50	channers	25:40: 45	40:45: 65	10:15: 20
				0: 0: 20	flagstones			
				10:20: 40	gravel			
				15:25: 50	cobbles			
5V1:								
Alpine-scrub gravelly schist terraces	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bs	10-15	silt loam	0: 0: 10	gravel	20:30: 45	45:65: 75	5: 5: 10
	2Bs	15-21	extremely gravelly coarse sand	30:60: 70	gravel	80:90: 95	0: 8: 20	0: 2: 5
				0:10: 30	cobbles			
	2C	21-150	extremely gravelly coarse sand	30:60: 70	gravel	80:90: 95	0: 8: 20	0: 2: 5
				0:10: 30	cobbles			
5V1:								
Alpine-scrub gravelly schist colluvial toeslopes, frozen	Oi	0-23	peat	0: 0: 0	---	---	---	---
	A	23-31	silt loam	0: 0: 0	---	15:30: 35	50:60: 70	5:10: 15
	C	31-45	silt loam	0: 0: 0	---	15:30: 35	50:60: 70	5:10: 15
	2Cf	45-150	gravelly silt loam	5:15: 25	gravel	30:40: 55	30:50: 65	5:10: 15
				0: 5: 5	cobbles			
Alpine-riparian scrub gravelly schist flood plains	O	0-7	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	7-19	silt loam	0: 0: 25	gravel	30:35: 50	35:55: 65	5:10: 15
	2C	19-150	extremely cobbly loamy coarse sand	30:40: 50	gravel	75:85: 95	5:10: 15	0: 5: 10
				0:20: 30	cobbles			
5V2:								
Boreal-forested gravelly schist terraces	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	4-9	silt loam	0: 2: 5	gravel	15:30: 40	60:65: 75	0: 5: 10
				0: 5: 10	cobbles			
	2Bs	9-22	extremely cobbly sandy loam	25:30: 60	gravel	55:65: 75	25:30: 35	0: 5: 10
				10:30: 40	cobbles			
	2BC	22-37	extremely cobbly sandy loam	25:30: 60	gravel	55:65: 75	25:30: 35	0: 5: 10
				10:30: 40	cobbles			
	2C	37-150	extremely cobbly sandy loam	25:30: 60	gravel	55:65: 75	25:30: 35	0: 5: 10
				10:30: 40	cobbles			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
5V2:								
Boreal-riparian forested gravelly schist flood plains	Oi	0-3	moderately decomposed plant material	0: 0: 0	---	---	---	---
	AC	3-44	extremely cobbly loamy sand	25:30: 60 10:30: 40	gravel cobbles	70:85: 90	5:10: 20	5: 5: 10
	C	44-150	extremely cobbly loamy sand	25:30: 60 10:30: 40	gravel cobbles	75:85: 90	5:10: 20	5: 5: 10
7AF:								
Alpine-scrub silty fan terraces	Oi	0-7	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	7-41	silt loam	0: 0: 2	gravel	5:20: 25	60:75: 80	0: 5: 10
	2C	41-150	extremely cobbly loamy coarse sand	25:40: 70 0:20: 30	gravel cobbles	75:85: 95	0:10: 15	0: 5: 5
Alpine-scrub gravelly terraces	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bs	10-15	silt loam	0: 0: 10	gravel	20:30: 35	45:65: 75	5: 5: 10
	2Bs/C	15-21	loamy sand	0: 0: 60 0: 0: 30	gravel cobbles	70:80: 85	15:18: 30	0: 2: 5
	2C	21-150	extremely gravelly loamy sand	25:60: 70 0:10: 30	gravel cobbles	70:85: 95	0:13: 30	0: 2: 5
7AF2:								
Alpine-scrub gravelly terraces	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bs	10-15	silt loam	0: 0: 10	gravel	20:30: 35	45:65: 75	5: 5: 10
	2Bs/C	15-21	loamy sand	0: 0: 60 0: 0: 30	gravel cobbles	70:80: 85	15:18: 30	0: 2: 5
	2C	21-150	extremely gravelly loamy sand	25:60: 70 0:10: 30	gravel cobbles	70:85: 95	0:13: 30	0: 2: 5
Subalpine-riparian scrub gravelly fan terraces	O	0-2	moderately decomposed plant material	0: 5: 10 0: 5: 10	gravel cobbles	---	---	---
	AC	2-10	sandy loam	0: 0: 10	cobbles	60:65: 85	10:30: 35	0: 5: 10
	2C	10-150	extremely gravelly coarse sand	35:45: 60 0:20: 35	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
7AFF:								
Boreal-woodland gravelly terraces	Oi	0-10	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A/E	10-20	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	2Bw	20-29	very gravelly loamy sand	25:35: 70 0: 0: 40	gravel cobbles	75:80: 95	0:15: 25	0: 5: 5
	2C	29-150	very gravelly coarse sand	25:40: 70 0: 0: 40	gravel cobbles	75:90: 95	0: 8: 25	0: 2: 5
Boreal-riparian forested loamy flood plains, very wet	Oe	0-4	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A/C, Cg/Ab	4-33	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2Cg	33-56	extremely cobbly sand	20:45: 65 0:25: 30	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
	2C	56-150	extremely cobbly sand	20:45: 65 0:25: 30	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
Boreal-taiga high elevation loamy terraces, frozen	Oi	0-27	peat	0: 0: 0	---	---	---	---
	Cg	27-72	stratified gravelly sand to silt	0: 5: 20 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	Cgf	72-150	stratified gravelly sand to silt	0: 5: 65 0: 5: 35	gravel cobbles	55:65: 95	5:30: 40	0: 5: 5

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7CE:								
Alpine-scrub gravelly moraines, calcareous	Oe	0-1	moderately decomposed plant material	0: 3: 10 0: 3: 10 0: 2: 10	gravel cobbles boulders	---	---	---
	A	1-9	silt loam	0: 2: 55 0: 0: 35 0: 0: 10	gravel cobbles stones	35:45: 65	35:50: 55	0: 5: 10
	2C	9-150	extremely cobbly loam	20:40: 60 10:20: 35 0: 5: 10	gravel cobbles stones	40:45: 70	25:45: 45	5:10: 15
7CEF:								
Alpine-dwarf scrub gravelly diorite moraines	O	0-1	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	1-7	very cobbly sandy loam	20:30: 50 5:15: 20	gravel cobbles	50:65: 75	25:30: 40	0: 5: 10
	C	7-150	extremely cobbly loamy coarse sand	25:40: 65 15:20: 40	gravel cobbles	75:81: 85	10:10: 20	5: 9: 10
7ES:								
Boreal-forested gravelly colluvial slopes, dissected	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	5-11	loam	0: 5: 10	gravel	30:45: 50	40:45: 65	5:10: 10
	Bw	11-32	silt loam	0: 0: 20	gravel	35:40: 70	20:55: 60	5: 5: 10
	2C	32-150	very gravelly loamy sand	25:40: 55 0: 0: 10	gravel cobbles	70:85: 90	5:13: 25	0: 2: 5
Alpine-scrub gravelly till slopes	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	5-9	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	E	9-10	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	2Bs	10-40	very gravelly sandy loam	10:25: 40 0:10: 30	gravel cobbles	45:55: 70	30:40: 45	0: 5: 10
	2C	40-150	very gravelly sandy loam	10:25: 40 0:10: 30	gravel cobbles	45:55: 70	30:40: 45	0: 5: 10
7FGA:								
Alpine-tussock-scrub silty loess slopes, frozen	Oi and Oe	0-22	peat	0: 0: 0	---	---	---	---
	A	22-30	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg/Oajj	30-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Alpine-scrub-sedge gravelly slopes, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A	20-30	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cg	30-54	very gravelly sandy loam	20:35: 55 0:10: 25	gravel cobbles	45:55: 80	10:40: 45	0: 5: 10
	2Cgf	54-150	very gravelly sandy loam	20:35: 55 0:10: 25	gravel cobbles	45:55: 80	10:40: 45	0: 5: 10
7FP1:								
Boreal-riparian forested loamy high flood plains	Oi	0-7	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	7-17	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	C	17-43	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	43-150	very cobbly sand	20:30: 65 0:20: 25	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
Boreal-riparian scrub gravelly flood plains, moderately wet	AC	0-12	stratified sand to silt	0: 0: 2 0: 0: 2	gravel cobbles	60:65: 85	10:30: 35	0: 5: 10
	2C	12-150	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
Boreal-riparian scrub loamy flood plains	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	5-25	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	C	25-92	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	92-150	very cobbly sand	20:30: 65	gravel	90:90: 95	0: 8: 15	0: 2: 5
				0:20: 45	cobbles			
7FP2:								
Alpine-riparian scrub gravelly flood plains, moderately wet	AC	0-12	stratified sand to silt	0: 0: 2	gravel	60:65: 85	10:30: 35	0: 5: 10
				0: 0: 2	cobbles			
	2C	12-150	extremely cobbly loamy sand	35:40: 60	gravel	75:85: 95	0:13: 15	0: 2: 5
				0:30: 35	cobbles			
Alpine-riparian scrub gravelly flood plains	Oi	0-5	slightly decomposed plant material	0: 5: 10	gravel	---	---	---
				0: 5: 10	cobbles			
	AC	5-12	stratified fine sand to silt	0: 0: 10	cobbles	55:65: 85	15:30: 35	0: 5: 10
	2C	12-150	extremely cobbly coarse sand	25:40: 60	gravel	75:90: 95	5: 8: 15	0: 2: 10
				10:30: 35	cobbles			
7FP11:								
Boreal-riparian forested loamy flood plains, very wet	Oe	0-4	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A/C, Cg/Ab	4-33	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2Cg	33-56	extremely cobbly sand	20:45: 65	gravel	75:90: 95	0: 8: 15	0: 2: 5
				0:25: 30	cobbles			
	2C	56-150	extremely cobbly sand	20:45: 65	gravel	75:90: 95	0: 8: 15	0: 2: 5
				0:25: 30	cobbles			
Boreal-riparian forested gravelly high flood plains	O	0-9	moderately decomposed plant material	0:10: 30	gravel	---	---	---
				0:10: 30	cobbles			
	A	9-13	stratified sand to silt	0: 0: 5	cobbles	20:25: 35	55:70: 80	0: 5: 10
	2C	13-150	extremely cobbly loamy coarse sand	35:40: 60	gravel	80:85: 95	0:13: 15	0: 2: 5
				0:25: 25	cobbles			
Boreal-riparian scrub gravelly diorite flood plains, moderately wet	AC	0-12	stratified sand to silt	0: 0: 2	gravel	65:75: 85	10:20: 30	0: 5: 5
				0: 0: 2	cobbles			
	2C	12-150	extremely cobbly coarse sand	30:40: 60	gravel	75:90: 95	0: 8: 15	0: 2: 5
				0:25: 35	cobbles			
7FP21:								
Alpine-scrub mosaic gravelly diorite terraces	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bs	10-15	silt loam	0: 0: 10	gravel	20:30: 45	45:65: 75	5: 5: 10
	2Bs	15-21	extremely gravelly coarse sand	30:60: 70	gravel	80:90: 95	0: 8: 20	0: 2: 5
				0:10: 30	cobbles			
	2C	21-150	extremely gravelly coarse sand	30:60: 70	gravel	80:90: 95	0: 8: 20	0: 2: 5
				0:10: 30	cobbles			
Alpine-riparian scrub gravelly diorite flood plains, moderately wet	AC	0-12	stratified sand to silt	0: 0: 2	gravel	65:75: 85	10:20: 30	0: 5: 5
				0: 0: 2	cobbles			
	2C	12-150	extremely gravelly coarse sand	30:40: 60	gravel	75:85: 95	0:10: 15	0: 5: 5
				0:25: 35	cobbles			
Alpine-scrub loamy terraces	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E/A	5-17	silt loam	0: 0: 5	gravel	25:30: 35	55:65: 75	0: 5: 10
	2Bs	17-23	stratified fine sand to silt	0: 0: 5	gravel	55:65: 85	15:30: 35	0: 5: 10
	2BC	23-34	stratified fine sand to silt	0: 0: 5	gravel	55:65: 85	15:30: 35	0: 5: 10
	3C	34-150	extremely cobbly coarse sand	25:40: 70	gravel	75:90:100	0: 5: 20	0: 5: 5
				10:20: 30	cobbles			
				0: 5: 5	stones			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7MFA:								
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen	Oi and Oe	0-21	peat	0: 0: 0	---	---	---	---
	A	21-28	silt loam	0: 0: 20	channers	20:40: 50	40:50: 70	5:10: 15
				0: 0: 20	channers			
	2Cg	28-51	very channery silt loam	10:25: 40	channers	25:35: 45	45:50: 65	10:15: 20
				0:10: 25	flagstones			
				0: 0: 40	gravel			
	2Cf	51-150	very channery silt loam	20:30: 40	channers	25:35: 45	45:50: 65	10:15: 20
				0: 0: 15	flagstones			
				0: 0: 40	gravel			
				5:10: 40	cobbles			
	2Crf	>150	bedrock		---	---	---	---
Alpine-scrub-meadow mosaic gravelly schist swales	Oi	0-6	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	6-29	mucky silt loam	0: 0: 0	---	15:20: 35	55:75: 80	5: 5: 10
	2C	29-87	very channery loam	10:40: 60	channers	25:40: 45	40:45: 65	10:15: 20
				5:15: 20	flagstones			
				0: 0: 35	gravel			
				0: 0: 30	cobbles			
	2Cr	87-150	bedrock		---	---	---	---
Alpine-dwarf scrub gravelly schist steps and lobes	A	0-3	gravelly silt loam	15:25: 30	channers	25:35: 45	40:55: 65	5:10: 15
				0: 5: 20	channers			
	AC/Bw	3-45	very channery silt loam	25:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 20	flagstones			
	C	45-150	very channery silt loam	25:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 20	flagstones			
	Cr	>150	bedrock		---	---	---	---
7MS1D:								
Alpine-dwarf scrub dark gravelly colluvial slopes	Oi	0-3	slightly decomposed plant material	0: 0: 2	channers	---	---	---
				0: 0: 2	channers			
	A	3-9	silt loam	2: 5: 10	channers	20:30: 40	50:60: 70	5:10: 10
				0: 0: 2	channers			
	2A	9-48	very channery loam	30:40: 60	channers	35:45: 50	35:45: 50	10:10: 15
				5:15: 40	flagstones			
				0: 0: 10	stones			
	2C	48-72	extremely channery loam	30:45: 60	channers	35:45: 50	35:45: 50	10:10: 15
				5:20: 40	flagstones			
				0: 0: 10	stones			
	2Cr	72-150	bedrock		---	---	---	---
Alpine-scrub gravelly colluvial slopes	Oe	0-7	moderately decomposed plant material	0: 0: 2	channers	---	---	---
	A	7-13	silt loam	0: 0: 2	channers	20:30: 40	50:60: 70	5:10: 10
				2: 5: 10	gravel			
	2Bw	13-44	very channery loam	15:35: 55	channers	35:45: 50	35:45: 50	5:10: 10
				0:10: 40	cobbles			
	2C	44-120	very channery loam	15:35: 55	channers	35:45: 50	35:45: 50	5:10: 10
				0:10: 40	cobbles			
	2Cr	120-150	bedrock		---	---	---	---

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7MS1L:								
Alpine-dwarf scrub gravelly colluvial slopes	Oi	0-2	slightly decomposed plant material	0: 0: 2 0: 0: 2	gravel cobbles	---	---	---
	A	2-6	silt loam	2: 5: 10 0: 0: 2	channers flagstones	25:30: 40	50:60: 70	5:10: 10
	2Bw	6-38	very channery loam	20:30: 40 0: 0: 10 5:15: 40	channers flagstones cobbles	40:45: 50	35:45: 50	10:10: 15
	2C	38-150	extremely channery loam	30:50: 80 0: 0: 40 5:10: 40	channers flagstones cobbles	40:45: 50	35:45: 50	10:10: 15
	2Cr	>150	bedrock		---	---	---	---
Alpine-scrub gravelly colluvial slopes	Oe	0-7	moderately decomposed plant material	0: 0: 2	channers	---	---	---
	A	7-13	silt loam	0: 0: 2 2: 5: 10	channers gravel	20:30: 40	50:60: 70	5:10: 10
	2Bw	13-44	very channery loam	15:35: 55 0:10: 40	channers cobbles	35:45: 50	35:45: 50	5:10: 10
	2C	44-120	very channery loam	15:35: 55 0:10: 40	channers cobbles	35:45: 50	35:45: 50	5:10: 10
	2Cr	120-150	bedrock		---	---	---	---
7MS2:								
Boreal-forested gravelly till slopes, moderately wet	O	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-38	silt loam	0: 0: 2	gravel	5:20: 25	60:75: 80	0: 5: 10
	2C	38-150	very cobbly loam	15:35: 60 0:20: 35	gravel cobbles	45:50: 80	5:40: 50	0:10: 10
Boreal-forested gravelly warm till slopes	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	8-12	silt loam	0: 0: 2	gravel	20:25: 30	60:70: 75	5: 5: 10
	2Bw	12-21	very gravelly sandy loam	20:25: 40 0:10: 20	gravel cobbles	45:55: 75	15:40: 45	0: 5: 10
	2C	21-150	very gravelly sandy loam	20:25: 40 0:10: 20	gravel cobbles	45:55: 75	15:40: 45	0: 5: 10
7MS3:								
Alpine-scrub-sedge gravelly till slopes, frozen	Oi and Oe	0-29	peat	0: 0: 0	---	---	---	---
	A	29-32	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cgf	32-150	very gravelly loam	15:30: 45 0:15: 20	gravel cobbles	45:50: 80	5:40: 45	0:10: 15
Alpine-scrub gravelly till circles, frozen	O	0-1	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	1-4	silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Bw/Cjj	5-23	gravelly loam	10:10: 30 0:20: 30	gravel cobbles	45:50: 80	5:40: 45	0:10: 10
	2C/Bwjj	23-120	gravelly loam	10:25: 35 0: 5: 30	gravel cobbles	45:50: 80	5:40: 45	0:10: 10
	2Cf	120-150	permanently frozen gravelly loam	10:25: 35 0: 5: 30	gravel cobbles	45:50: 80	5:40: 45	0:10: 10
Subalpine-scrub-meadow mosaic gravelly till swales	O	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	8-38	mucky silt loam	0: 5: 5 0: 5: 5	gravel cobbles	5:20: 25	60:75: 80	0: 5: 10
	2Bw	38-69	cobbly sandy loam	15:20: 30 0:10: 15	gravel cobbles	45:55: 80	5:40: 45	0: 5: 10
	2C	69-150	gravelly sandy loam	15:20: 30 0: 5: 15	gravel cobbles	45:55: 80	5:40: 45	0: 5: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7MS4:								
Boreal-taiga loamy drift slopes, frozen	Oi	0-21	peat	0: 0: 0	---	---	---	---
	A	21-28	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	2: 5: 10
	2Cg	28-58	sandy loam	0:10: 30	gravel	50:60: 70	25:35: 45	2: 5: 10
				0: 0: 10	cobbles			
	2Cf	58-150	sandy loam	0:10: 30	gravel	50:60: 70	25:35: 45	2: 5: 10
				0: 0: 10	cobbles			
7MS31:								
Alpine-dwarf scrub gravelly till slopes	Oe	0-3	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	silt loam	0: 0: 2	gravel	20:25: 30	60:70: 80	0: 5: 10
	2Bw	9-38	very gravelly sandy loam	10:30: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				2: 5: 30	cobbles			
	2C	38-150	very gravelly sandy loam	10:30: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				2: 5: 30	cobbles			
Alpine-scrub-sedge gravelly till slopes, frozen	Oi and Oe	0-29	peat	0: 0: 0	---	---	---	---
	A	29-32	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cgf	32-150	very gravelly loam	15:30: 45	gravel	45:50: 80	5:40: 45	0:10: 15
				0:15: 20	cobbles			
Alpine-scrub-meadow mosaic gravelly till swales	O	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-21	silt loam	0: 0: 2	gravel	5:20: 20	60:75: 80	0: 5: 10
	2AC	21-32	cobbly loam	15:20: 35	gravel	45:50: 80	5:40: 45	0:10: 10
				0:10: 25	cobbles			
	2C	32-150	cobbly loam	15:20: 35	gravel	45:50: 80	5:40: 45	0:10: 10
				0:10: 25	cobbles			
7MSA:								
Alpine-dwarf scrub gravelly diorite colluvial slopes	Oi and Oe	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	gravelly loam	5:20: 30	gravel	30:45: 55	35:48: 60	0: 7: 10
				0: 5: 5	cobbles			
				0: 0: 5	stones			
	Bw	9-34	very cobbly sandy loam	20:30: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				10:15: 35	cobbles			
				0: 5: 10	stones			
	C	34-150	very cobbly sandy loam	20:30: 50	gravel	50:65: 80	10:30: 45	0: 5: 10
				10:15: 35	cobbles			
				5: 5: 45	stones			
Alpine-dwarf scrub gravelly diorite colluvial slopes, cold	Oi and Oe	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	gravelly loam	5:20: 30	gravel	30:45: 75	25:48: 60	0: 7: 10
				0: 3: 5	cobbles			
				0: 0: 5	stones			
	Bw	9-34	very cobbly sandy loam	20:30: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				10:15: 35	cobbles			
				0: 5: 10	stones			
	C	34-150	very cobbly sandy loam	20:30: 50	gravel	50:65: 80	10:30: 45	0: 5: 10
				10:15: 35	cobbles			
				5: 5: 45	stones			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7MSC:								
Alpine-dwarf scrub gravelly fan terraces	Oi	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	2-8	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	2Bw	8-29	extremely cobbly loamy coarse sand	15:40: 50 2:25: 25	gravel cobbles	60:77: 85	15:18: 60	0: 5: 5
	2C	29-150	extremely cobbly coarse sand	20:40: 60 0:25: 30	gravel cobbles	75:90: 95	5: 8: 20	0: 2: 5
Alpine-dwarf scrub-meadow mosaic gravelly fan swales	Oi	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-10	silt loam	0: 0: 5	gravel	20:30: 35	55:65: 75	5: 5: 10
	2C	10-150	extremely cobbly sandy loam	20:40: 55 0:20: 40	gravel cobbles	60:70: 80	20:25: 30	0: 5: 10
Alpine-dwarf scrub gravelly colluvial slopes	Oi	0-2	slightly decomposed plant material	0: 0: 2 0: 0: 2	gravel cobbles	---	---	---
	A	2-6	silt loam	2: 5: 10 0: 0: 2	channers flagstones	25:30: 40	50:60: 70	5:10: 10
	2Bw	6-38	very channery loam	20:30: 40 0: 0: 10 5:15: 40	channers flagstones cobbles	40:45: 50	35:45: 50	10:10: 15
	2C	38-150	extremely channery loam	30:50: 80 0: 0: 40 5:10: 40	channers flagstones cobbles	40:45: 50	35:45: 50	10:10: 15
	2Cr	>150	bedrock		---	---	---	---
7MSHD:								
Alpine-dwarf scrub dark gravelly colluvial slopes	Oi	0-3	slightly decomposed plant material	0: 0: 2 0: 0: 2	channers channers	---	---	---
	A	3-9	silt loam	2: 5: 10 0: 0: 2	channers channers	20:30: 40	50:60: 70	5:10: 10
	2A	9-48	very channery loam	30:40: 60 5:15: 40 0: 0: 10	channers flagstones stones	35:45: 50	35:45: 50	10:10: 15
	2C	48-72	extremely channery loam	30:45: 60 5:20: 40 0: 0: 10	channers flagstones stones	35:45: 50	35:45: 50	10:10: 15
	2Cr	72-150	bedrock		---	---	---	---
Alpine-dwarf scrub dark gravelly colluvial slopes, cold	Oe	0-3	moderately decomposed plant material	0: 0: 2 0: 0: 2	channers channers	---	---	---
	A	3-9	silt loam	2: 5: 10 0: 0: 2	channers channers	20:30: 40	50:60: 70	5:10: 10
	2A	9-48	very channery loam	30:40: 60 5:15: 40 0: 0: 10	channers flagstones stones	35:45: 50	35:45: 50	10:10: 15
	2C	48-72	extremely channery loam	30:45: 60 5:20: 40 0: 0: 10	channers flagstones stones	35:45: 50	35:45: 50	10:10: 15
	2Cr	72-150	bedrock		---	---	---	---

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7MSHL:								
Alpine-dwarf scrub gravelly colluvial slopes	Oi	0-2	slightly decomposed plant material	0: 0: 2 0: 0: 2	gravel cobbles	---	---	---
	A	2-6	silt loam	2: 5: 10 0: 0: 2	channers flagstones	25:30: 40	50:60: 70	5:10: 10
	2Bw	6-38	very channery loam	20:30: 40 0: 0: 10 5:15: 40	channers flagstones cobbles	40:45: 50	35:45: 50	10:10: 15
	2C	38-150	extremely channery loam	30:50: 80 0: 0: 40 5:10: 40	channers flagstones cobbles	40:45: 50	35:45: 50	10:10: 15
	2Cr	>150	bedrock		---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, cold	Oe	0-2	moderately decomposed plant material	0: 0: 2 0: 0: 2	gravel cobbles	---	---	---
	A	2-6	silt loam	2: 5: 10 0: 0: 2	gravel cobbles	25:30: 40	50:60: 70	5:10: 10
	2Bw	6-38	very cobbly loam	10:15: 40 0: 0: 10 5:25: 50	channers gravel cobbles	40:50: 60	35:40: 50	5:10: 10
	2C	38-150	very cobbly loam	0:10: 50 5:15: 40 5:20: 30	channers gravel cobbles	40:50: 60	35:40: 50	5:10: 10
	2Cr	>150	bedrock		---	---	---	---
7MSHS:								
Alpine-dwarf scrub gravelly schist colluvial slopes	A	0-2	gravelly silt loam	5:15: 20 5:15: 20	channers channers	25:35: 45	45:50: 65	10:15: 20
	Bw	2-28	very channery silt loam	15:35: 60 10:15: 40	channers flagstones	25:35: 45	45:50: 65	10:15: 20
	C	28-86	extremely channery silt loam	15:45: 60 10:15: 40	channers flagstones	25:35: 45	45:50: 65	10:15: 20
	Cr	86-150	bedrock		---	---	---	---
Alpine-dwarf scrub gravelly schist steps and lobes	A	0-3	gravelly silt loam	15:25: 30 0: 5: 20	channers channers	25:35: 45	40:55: 65	5:10: 15
	AC/Bw	3-45	very channery silt loam	25:35: 60 10:15: 20	channers flagstones	25:35: 45	45:50: 65	10:15: 20
	C	45-150	very channery silt loam	25:35: 60 10:15: 20	channers flagstones	25:35: 45	45:50: 65	10:15: 20
	Cr	>150	bedrock		---	---	---	---
7NG:								
Alpine-scrub mosaic gravelly slopes	Oe	0-2	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	2-8	silt loam	0: 0: 5	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Bw	8-48	very gravelly sandy loam	20:30: 50 0:10: 15	gravel cobbles	50:65: 75	20:30: 40	0: 5: 10
	2C	48-150	extremely gravelly loamy coarse sand	25:50: 65 0:10: 20	gravel cobbles	70:76: 90	5:19: 30	0: 5: 5
Alpine-scrub-sedge gravelly slopes, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A	20-30	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cg	30-54	very gravelly sandy loam	20:35: 55 0:10: 25	gravel cobbles	45:55: 80	10:40: 45	0: 5: 10
	2Cgf	54-150	very gravelly sandy loam	20:35: 55 0:10: 25	gravel cobbles	45:55: 80	10:40: 45	0: 5: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7NG:								
Alpine-scrub gravelly circles, frozen	O	0-1	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	1-5	silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Bw/Cjj	5-23	cobbly sandy loam	10:10: 30	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:20: 30	cobbles			
	2C/Bwjj	23-120	cobbly sandy loam	10:10: 35	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:20: 30	cobbles			
	2Cf	120-150	gravelly sandy loam	10:25: 35	gravel	45:55: 80	10:40: 45	0: 5: 10
				0: 5: 30	cobbles			
7NG2:								
Alpine-scrub gravelly slopes	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	5-9	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	E	9-10	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	2Bs	10-40	very gravelly sandy loam	10:25: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				0:10: 30	cobbles			
	2C	40-150	very gravelly sandy loam	10:25: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				0:10: 30	cobbles			
Subalpine-scrub-meadow mosaic gravelly swales, Nenana Gravels	O	0-7	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	7-28	mucky silt loam	0: 0: 2	gravel	5:20: 25	60:75: 80	0: 5: 10
	2Bw	28-61	very gravelly sandy loam	25:30: 50	gravel	45:55: 80	5:40: 45	0: 5: 10
				5:10: 15	cobbles			
	2C	61-150	very gravelly sandy loam	25:30: 50	gravel	45:55: 80	5:40: 45	0: 5: 10
				5:10: 25	cobbles			
Alpine-scrub-meadow mosaic gravelly till swales	O	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-21	silt loam	0: 0: 2	gravel	5:20: 20	60:75: 80	0: 5: 10
	2AC	21-32	cobbly loam	15:20: 35	gravel	45:50: 80	5:40: 45	0:10: 10
				0:10: 25	cobbles			
	2C	32-150	cobbly loam	15:20: 35	gravel	45:50: 80	5:40: 45	0:10: 10
				0:10: 25	cobbles			
7P1:								
Alpine-scrub gravelly outwash slopes	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bs	10-15	silt loam	0: 0: 10	gravel	20:30: 45	45:65: 75	5: 5: 10
	2Bs	15-21	extremely gravelly loamy coarse sand	30:60: 70	gravel	80:85: 95	0:10: 20	0: 5: 5
				0:10: 30	cobbles			
	2C	21-150	extremely gravelly loamy coarse sand	30:60: 70	gravel	80:85: 95	0:10: 20	0: 5: 5
				0:10: 30	cobbles			
Alpine-scrub-sedge loamy terraces, frozen	Oi and Oe	0-21	peat	0: 0: 0	---	---	---	---
	Cg	21-61	stratified gravelly sand to silt	0: 5: 20	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 0: 5	cobbles			
	2Cf	61-150	extremely cobbly coarse sand	35:40: 55	gravel	75:90: 95	0: 8: 20	0: 2: 5
				0:30: 35	cobbles			
Subalpine-scrub-meadow mosaic gravelly till swales	O	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	8-38	mucky silt loam	0: 5: 5	gravel	5:20: 25	60:75: 80	0: 5: 10
				0: 5: 5	cobbles			
	2Bw	38-69	cobbly sandy loam	15:20: 30	gravel	45:55: 80	5:40: 45	0: 5: 10
				0:10: 15	cobbles			
	2C	69-150	gravelly sandy loam	15:20: 30	gravel	45:55: 80	5:40: 45	0: 5: 10
				0: 5: 15	cobbles			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7P2:								
Boreal-forested gravelly outwash slopes	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bw	10-15	silt loam	0: 0: 10	gravel	15:30: 50	45:65: 75	5: 5: 10
	2BC	15-21	extremely gravelly loamy coarse sand	25:60: 70 0:10: 30	gravel cobbles	80:85: 95	0:10: 20	0: 5: 5
	2C	21-150	extremely gravelly loamy coarse sand	25:60: 70 0:10: 30	gravel cobbles	80:85: 95	0:10: 20	0: 5: 5
Boreal-meadow loamy outwash slope depressions	O	0-7	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	7-33	silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2C	33-150	extremely cobbly coarse sand	25:60: 70 0:10: 30	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
7P4:								
Boreal-forested gravelly till slopes	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	5-9	silt loam	0: 0: 2	gravel	20:25: 30	60:70: 80	0: 5: 10
	E	9-10	silt loam	0: 0: 2	gravel	20:25: 30	60:70: 80	0: 5: 10
	2Bs	10-40	very gravelly sandy loam	15:25: 40 0:10: 30	gravel cobbles	45:55: 80	20:40: 45	0: 5: 10
	2C	40-150	very gravelly sandy loam	15:25: 40 0:10: 30	gravel cobbles	45:55: 80	20:40: 45	0: 5: 10
Boreal-taiga loamy drift slopes, frozen	Oi	0-21	peat	0: 0: 0	---	---	---	---
	A	21-28	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	2: 5: 10
	2Cg	28-58	sandy loam	0:10: 30 0: 0: 10	gravel cobbles	50:60: 70	25:35: 45	2: 5: 10
	2Cf	58-150	sandy loam	0:10: 30 0: 0: 10	gravel cobbles	50:60: 70	25:35: 45	2: 5: 10
Boreal-forested gravelly outwash slopes	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bw	10-15	silt loam	0: 0: 10	gravel	15:30: 50	45:65: 75	5: 5: 10
	2BC	15-21	extremely gravelly loamy coarse sand	25:60: 70 0:10: 30	gravel cobbles	80:85: 95	0:10: 20	0: 5: 5
	2C	21-150	extremely gravelly loamy coarse sand	25:60: 70 0:10: 30	gravel cobbles	80:85: 95	0:10: 20	0: 5: 5
7P6:								
Boreal-taiga high elevation loamy terraces, frozen	Oi	0-27	peat	0: 0: 0	---	---	---	---
	Cg	27-72	stratified gravelly sand to silt	0: 5: 20 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	Cgf	72-150	stratified gravelly sand to silt	0: 5: 65 0: 5: 35	gravel cobbles	55:65: 95	5:30: 40	0: 5: 5
Boreal-woodland gravelly terraces	Oi	0-10	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A/E	10-20	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	2Bw	20-29	very gravelly loamy sand	25:35: 70 0: 0: 40	gravel cobbles	75:80: 95	0:15: 25	0: 5: 5
	2C	29-150	very gravelly coarse sand	25:40: 70 0: 0: 40	gravel cobbles	75:90: 95	0: 8: 25	0: 2: 5

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7SA1:								
Alpine-dwarf scrub dark gravelly colluvial slopes	Oi	0-3	slightly decomposed plant material	0: 0: 2 0: 0: 2	channers channers	---	---	---
	A	3-9	silt loam	2: 5: 10 0: 0: 2	channers channers	20:30: 40	50:60: 70	5:10: 10
	2A	9-48	very channery loam	30:40: 60 5:15: 40 0: 0: 10	channers flagstones stones	35:45: 50	35:45: 50	10:10: 15
	2C	48-72	extremely channery loam	30:45: 60 5:20: 40 0: 0: 10	channers flagstones stones	35:45: 50	35:45: 50	10:10: 15
	2Cr	72-150	bedrock		---	---	---	---
Alpine-scrub gravelly colluvial slopes	Oe	0-7	moderately decomposed plant material	0: 0: 2	channers	---	---	---
	A	7-13	silt loam	0: 0: 2 2: 5: 10	channers gravel	20:30: 40	50:60: 70	5:10: 10
	2Bw	13-44	very channery loam	15:35: 55 0:10: 40	channers cobbles	35:45: 50	35:45: 50	5:10: 10
	2C	44-120	very channery loam	15:35: 55 0:10: 40	channers cobbles	35:45: 50	35:45: 50	5:10: 10
	2Cr	120-150	bedrock		---	---	---	---
7SA3:								
Subalpine-scrub-meadow mosaic gravelly till swales	O	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	8-38	mucky silt loam	0: 5: 5 0: 5: 5	gravel cobbles	5:20: 25	60:75: 80	0: 5: 10
	2Bw	38-69	cobbly sandy loam	15:20: 30 0:10: 15	gravel cobbles	45:55: 80	5:40: 45	0: 5: 10
	2C	69-150	gravelly sandy loam	15:20: 30 0: 5: 15	gravel cobbles	45:55: 80	5:40: 45	0: 5: 10
Alpine-scrub gravelly till slopes, frozen	Oi	0-18	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	18-26	mucky silt loam	0: 5: 10 0: 5: 10	gravel cobbles	10:20: 30	60:75: 80	0: 5: 10
	2A	26-78	very cobbly loam	10:30: 40 15:20: 50	gravel cobbles	35:50: 50	35:43: 50	7: 7: 15
	2C	78-96	very cobbly sandy loam	10:30: 40 5:20: 30	gravel cobbles	45:50: 80	10:45: 45	0: 5: 15
	2Cf	96-150	very cobbly sandy loam	10:30: 40 5:20: 30	gravel cobbles	45:50: 80	10:45: 45	0: 5: 15
Alpine-scrub gravelly till slopes	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	5-9	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	E	9-10	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	2Bs	10-40	very gravelly sandy loam	10:25: 40 0:10: 30	gravel cobbles	45:55: 70	30:40: 45	0: 5: 10
	2C	40-150	very gravelly sandy loam	10:25: 40 0:10: 30	gravel cobbles	45:55: 70	30:40: 45	0: 5: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7SA31:								
Subalpine-scrub gravelly colluvial slopes	Oi	0-3	slightly decomposed plant material	0: 0: 2 0: 0: 2	channers channers	---	---	---
	A	3-11	silt loam	2: 5: 10 0: 0: 2	channers channers	20:30: 40	50:60: 70	5:10: 10
	2Bw	11-26	very channery loam	20:30: 40 5:10: 40 0: 0: 10 0: 5: 55 0: 5: 50	channers flagstones stones gravel cobbles	40:45: 50	40:45: 50	5:10: 10
	2C	26-88	very channery loam	20:30: 40 5:10: 40 0: 0: 10 0: 5: 55 0: 5: 50	channers flagstones stones gravel cobbles	40:45: 50	40:45: 50	5:10: 10
	2Cr	88-150	bedrock		---	---	---	---
Subalpine-scrub-meadow mosaic gravelly till swales	O	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	8-38	mucky silt loam	0: 5: 5 0: 5: 5	gravel cobbles	5:20: 25	60:75: 80	0: 5: 10
	2Bw	38-69	cobbly sandy loam	15:20: 30 0:10: 15	gravel cobbles	45:55: 80	5:40: 45	0: 5: 10
	2C	69-150	gravelly sandy loam	15:20: 30 0: 5: 15	gravel cobbles	45:55: 80	5:40: 45	0: 5: 10
Alpine-scrub gravelly till slopes	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	5-9	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	E	9-10	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	2Bs	10-40	very gravelly sandy loam	10:25: 40 0:10: 30	gravel cobbles	45:55: 70	30:40: 45	0: 5: 10
	2C	40-150	very gravelly sandy loam	10:25: 40 0:10: 30	gravel cobbles	45:55: 70	30:40: 45	0: 5: 10
7ST:								
Alpine-scrub gravelly terraces	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bs	10-15	silt loam	0: 0: 10	gravel	20:30: 35	45:65: 75	5: 5: 10
	2Bs/C	15-21	loamy sand	0: 0: 60 0: 0: 30	gravel cobbles	70:80: 85	15:18: 30	0: 2: 5
	2C	21-150	extremely gravelly loamy sand	25:60: 70 0:10: 30	gravel cobbles	70:85: 95	0:13: 30	0: 2: 5
Alpine-scrub loamy terraces	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E/A	5-17	silt loam	0: 0: 5	gravel	25:30: 35	55:65: 75	0: 5: 10
	2Bs	17-23	stratified fine sand to silt	0: 0: 5	gravel	55:65: 85	15:30: 35	0: 5: 10
	2BC	23-34	stratified fine sand to silt	0: 0: 5	gravel	55:65: 85	15:30: 35	0: 5: 10
	3C	34-150	extremely cobbly coarse sand	25:40: 70 10:20: 30 0: 5: 5	gravel cobbles stones	75:90:100	0: 5: 20	0: 5: 5

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7STF:								
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	Oi and Oe	0-22	peat	0: 0: 0	---	---	---	---
	A	22-30	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg/Oajj	30-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga high elevation loamy terraces, frozen	Oi	0-27	peat	0: 0: 0	---	---	---	---
	Cg	27-72	stratified gravelly sand to silt	0: 5: 20 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	Cgf	72-150	stratified gravelly sand to silt	0: 5: 65 0: 5: 35	gravel cobbles	55:65: 95	5:30: 40	0: 5: 5
7TM:								
Alpine-dwarf scrub gravelly till slopes	Oe	0-3	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	silt loam	0: 0: 2	gravel	20:25: 30	60:70: 80	0: 5: 10
	2Bw	9-38	very gravelly sandy loam	10:30: 40 2: 5: 30	gravel cobbles	45:55: 70	30:40: 45	0: 5: 10
	2C	38-150	very gravelly sandy loam	10:30: 40 2: 5: 30	gravel cobbles	45:55: 70	30:40: 45	0: 5: 10
Alpine-scrub gravelly till circles, frozen	O	0-1	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	1-4	silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Bw/Cjj	5-23	gravelly loam	10:10: 30 0:20: 30	gravel cobbles	45:50: 80	5:40: 45	0:10: 10
	2C/Bwjj	23-120	gravelly loam	10:25: 35 0: 5: 30	gravel cobbles	45:50: 80	5:40: 45	0:10: 10
	2Cf	120-150	permanently frozen gravelly loam	10:25: 35 0: 5: 30	gravel cobbles	45:50: 80	5:40: 45	0:10: 10
Alpine-scrub-sedge gravelly till slopes, frozen	Oi and Oe	0-29	peat	0: 0: 0	---	---	---	---
	A	29-32	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cgf	32-150	very gravelly loam	15:30: 45 0:15: 20	gravel cobbles	45:50: 80	5:40: 45	0:10: 15
7TM1:								
Alpine-dwarf scrub gravelly till steps and lobes	Oe	0-5	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	5-8	gravelly loam	0:15: 20	gravel	35:45: 50	35:45: 60	5:10: 15
	Bw	8-38	very gravelly loam	10:30: 40 0: 5: 30	gravel cobbles	40:45: 65	30:45: 45	5:10: 30
	C	38-150	very gravelly loam	10:30: 40 0: 5: 30	gravel cobbles	40:45: 65	30:45: 50	5:10: 30
Alpine-scrub-sedge gravelly till slopes, frozen	Oi and Oe	0-29	peat	0: 0: 0	---	---	---	---
	A	29-32	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cgf	32-150	very gravelly loam	15:30: 45 0:15: 20	gravel cobbles	45:50: 80	5:40: 45	0:10: 15
Alpine-scrub-meadow mosaic gravelly till swales	O	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-21	silt loam	0: 0: 2	gravel	5:20: 20	60:75: 80	0: 5: 10
	2AC	21-32	cobbly loam	15:20: 35 0:10: 25	gravel cobbles	45:50: 80	5:40: 45	0:10: 10
	2C	32-150	cobbly loam	15:20: 35 0:10: 25	gravel cobbles	45:50: 80	5:40: 45	0:10: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7TM2:								
Alpine-scrub gravelly till slopes, frozen	Oi	0-18	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	18-26	mucky silt loam	0: 5: 10	gravel	10:20: 30	60:75: 80	0: 5: 10
				0: 5: 10	cobbles			
	2A	26-78	very cobbly loam	10:30: 40	gravel	35:50: 50	35:43: 50	7: 7: 15
				15:20: 50	cobbles			
	2C	78-96	very cobbly sandy loam	10:30: 40	gravel	45:50: 80	10:45: 45	0: 5: 15
				5:20: 30	cobbles			
	2Cf	96-150	very cobbly sandy loam	10:30: 40	gravel	45:50: 80	10:45: 45	0: 5: 15
				5:20: 30	cobbles			
Alpine-dwarf scrub gravelly till slopes	Oe	0-3	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	silt loam	0: 0: 2	gravel	20:25: 30	60:70: 80	0: 5: 10
	2Bw	9-38	very gravelly sandy loam	10:30: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				2: 5: 30	cobbles			
	2C	38-150	very gravelly sandy loam	10:30: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				2: 5: 30	cobbles			
Subalpine-scrub-meadow mosaic gravelly till swales	O	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	8-38	mucky silt loam	0: 5: 5	gravel	5:20: 25	60:75: 80	0: 5: 10
				0: 5: 5	cobbles			
	2Bw	38-69	cobbly sandy loam	15:20: 30	gravel	45:55: 80	5:40: 45	0: 5: 10
				0:10: 15	cobbles			
	2C	69-150	gravelly sandy loam	15:20: 30	gravel	45:55: 80	5:40: 45	0: 5: 10
				0: 5: 15	cobbles			
7TM21:								
Alpine-dwarf scrub gravelly diorite till slopes	Oi	0-1	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	1-7	gravelly loam	2:15: 30	gravel	41:45: 75	20:45: 49	5:10: 10
				0: 2: 10	cobbles			
	Bw	7-47	extremely cobbly loamy coarse sand	20:40: 50	gravel	55:80: 85	15:15: 35	0: 5: 10
				0:20: 25	cobbles			
	C	47-150	extremely cobbly coarse sand	25:40: 65	gravel	45:90: 90	5: 8: 20	0: 2: 5
				0:25: 40	cobbles			
Alpine-dwarf scrub gravelly diorite till hummocks and lobes	Oe	0-5	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	5-8	gravelly loam	0:15: 20	gravel	35:45: 50	35:45: 60	5:10: 15
	Bw	8-38	very gravelly loam	10:30: 40	gravel	40:45: 65	30:45: 50	5:10: 30
				0:10: 30	cobbles			
	C	38-150	very gravelly loam	10:30: 40	gravel	40:45: 65	30:45: 50	5:10: 30
				0:10: 30	cobbles			
Alpine-scrub gravelly diorite till slopes	Oi	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	2-5	silt loam	0: 2: 5	gravel	20:25: 30	60:70: 80	0: 5: 10
	E	5-9	silt loam	0:10: 12	gravel	20:25: 30	60:70: 80	0: 5: 10
	2Bs	9-41	very cobbly sandy loam	20:25: 45	gravel	55:65: 80	10:30: 45	0: 5: 10
				0:20: 20	cobbles			
	2C	41-150	very cobbly sandy loam	15:30: 40	gravel	55:65: 80	10:30: 45	0: 5: 10
				5:20: 20	cobbles			
				0: 0: 30	stones			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7TM24:								
Alpine-dwarf scrub gravelly diorite colluvial slopes	Oi and Oe	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	gravelly loam	5:20: 30	gravel	30:45: 55	35:48: 60	0: 7: 10
				0: 5: 5	cobbles			
				0: 0: 5	stones			
	Bw	9-34	very cobbly sandy loam	20:30: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				10:15: 35	cobbles			
				0: 5: 10	stones			
	C	34-150	very cobbly sandy loam	20:30: 50	gravel	50:65: 80	10:30: 45	0: 5: 10
				10:15: 35	cobbles			
				5: 5: 45	stones			
Alpine-dwarf scrub gravelly diorite fans	Oi and Oe	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-12	silt loam	0: 0: 2	gravel	20:25: 45	45:70: 80	0: 5: 10
	2Bw	12-20	very cobbly sandy loam	5:35: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				0:20: 30	cobbles			
	2C	20-150	very cobbly sandy loam	5:35: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				0:20: 30	cobbles			
Alpine-dwarf scrub gravelly diorite fans, cold	Oi and Oe	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-12	silt loam	0: 0: 2	gravel	20:25: 45	45:70: 80	0: 5: 10
	2Bw	12-20	very cobbly sandy loam	5:35: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				0:20: 30	cobbles			
	2C	20-150	very cobbly sandy loam	5:35: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				0:20: 30	cobbles			
7TMS:								
Alpine-dwarf scrub gravelly till slopes	Oe	0-3	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	silt loam	0: 0: 2	gravel	20:25: 30	60:70: 80	0: 5: 10
	2Bw	9-38	very gravelly sandy loam	10:30: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				2: 5: 30	cobbles			
	2C	38-150	very gravelly sandy loam	10:30: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				2: 5: 30	cobbles			
Alpine-dwarf scrub gravelly till steps and lobes	Oe	0-5	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	5-8	gravelly loam	0:15: 20	gravel	35:45: 50	35:45: 60	5:10: 15
	Bw	8-38	very gravelly loam	10:30: 40	gravel	40:45: 65	30:45: 45	5:10: 30
				0: 5: 30	cobbles			
	C	38-150	very gravelly loam	10:30: 40	gravel	40:45: 65	30:45: 50	5:10: 30
				0: 5: 30	cobbles			
Alpine-dwarf scrub gravelly till slopes, cold	Oe	0-3	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	silt loam	0: 0: 2	gravel	20:25: 30	60:70: 80	0: 5: 10
	2Bw	9-38	very gravelly sandy loam	10:30: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
	2C	38-150	very gravelly sandy loam	10:30: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				2: 5: 30	cobbles			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7TP:								
Alpine-scrub-sedge gravelly till slopes, frozen	Oi and Oe	0-29	peat	0: 0: 0	---	---	---	---
	A	29-32	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cgf	32-150	very gravelly loam	15:30: 45	gravel	45:50: 80	5:40: 45	0:10: 15
				0:15: 20	cobbles			
Alpine-scrub-meadow mosaic gravelly till swales	O	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-21	silt loam	0: 0: 2	gravel	5:20: 20	60:75: 80	0: 5: 10
	2AC	21-32	cobbly loam	15:20: 35	gravel	45:50: 80	5:40: 45	0:10: 10
				0:10: 25	cobbles			
	2C	32-150	cobbly loam	15:20: 35	gravel	45:50: 80	5:40: 45	0:10: 10
				0:10: 25	cobbles			
Alpine-scrub gravelly till circles, frozen	O	0-1	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	1-4	silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Bw/Cjj	5-23	gravelly loam	10:10: 30	gravel	45:50: 80	5:40: 45	0:10: 10
				0:20: 30	cobbles			
	2C/Bwjj	23-120	gravelly loam	10:25: 35	gravel	45:50: 80	5:40: 45	0:10: 10
				0: 5: 30	cobbles			
	2Cf	120-150	permanently frozen gravelly loam	10:25: 35	gravel	45:50: 80	5:40: 45	0:10: 10
				0: 5: 30	cobbles			
7TP2:								
Alpine-scrub gravelly till slopes	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	5-9	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	E	9-10	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	2Bs	10-40	very gravelly sandy loam	10:25: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				0:10: 30	cobbles			
	2C	40-150	very gravelly sandy loam	10:25: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				0:10: 30	cobbles			
Alpine-scrub mosaic gravelly till slopes	Oe	0-3	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	silt loam	0: 0: 2	gravel	10:20: 40	60:75: 80	0: 5: 10
	2Bw	9-38	gravelly sandy loam	10:20: 40	gravel	45:55: 75	25:40: 45	0: 5: 10
				0: 0: 30	cobbles			
	2C	38-150	very gravelly sandy loam	10:30: 40	gravel	45:55: 75	25:40: 45	0: 5: 10
				0:10: 30	cobbles			
Alpine-scrub-sedge gravelly till slopes, frozen	Oi and Oe	0-29	peat	0: 0: 0	---	---	---	---
	A	29-32	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cgf	32-150	very gravelly loam	15:30: 45	gravel	45:50: 80	5:40: 45	0:10: 15
				0:15: 20	cobbles			
7TP3:								
Alpine-scrub gravelly till slopes	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	5-9	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	E	9-10	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	2Bs	10-40	very gravelly sandy loam	10:25: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				0:10: 30	cobbles			
	2C	40-150	very gravelly sandy loam	10:25: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				0:10: 30	cobbles			
Boreal-forested gravelly till slopes, moderately wet	O	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-38	silt loam	0: 0: 2	gravel	5:20: 25	60:75: 80	0: 5: 10
	2C	38-150	very cobbly loam	15:35: 60	gravel	45:50: 80	5:40: 50	0:10: 10
				0:20: 35	cobbles			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7TP3:								
Boreal-taiga gravelly till slopes, frozen	Oi and Oe	0-29	peat	0: 0: 0	---	---	---	---
	A	29-33	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cg	33-51	gravelly loam	15:20: 45	gravel	45:50: 80	10:40: 45	0:10: 15
				0:10: 20	cobbles			
	2Cgf	51-150	very gravelly loam	15:30: 45	gravel	45:50: 80	10:40: 45	0:10: 15
				0: 5: 20	cobbles			
7TP4:								
Alpine-scrub-sedge gravelly till slopes, frozen	Oi and Oe	0-29	peat	0: 0: 0	---	---	---	---
	A	29-32	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cgf	32-150	very gravelly loam	15:30: 45	gravel	45:50: 80	5:40: 45	0:10: 15
				0:15: 20	cobbles			
Boreal-taiga gravelly till slopes, frozen	Oi and Oe	0-29	peat	0: 0: 0	---	---	---	---
	A	29-33	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cg	33-51	gravelly loam	15:20: 45	gravel	45:50: 80	10:40: 45	0:10: 15
				0:10: 20	cobbles			
	2Cgf	51-150	very gravelly loam	15:30: 45	gravel	45:50: 80	10:40: 45	0:10: 15
				0: 5: 20	cobbles			
7TP5:								
Boreal-taiga gravelly till slopes, frozen	Oi and Oe	0-29	peat	0: 0: 0	---	---	---	---
	A	29-33	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cg	33-51	gravelly loam	15:20: 45	gravel	45:50: 80	10:40: 45	0:10: 15
				0:10: 20	cobbles			
	2Cgf	51-150	very gravelly loam	15:30: 45	gravel	45:50: 80	10:40: 45	0:10: 15
				0: 5: 20	cobbles			
Alpine-scrub gravelly till slopes	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	5-9	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	E	9-10	silt loam	0: 0: 2	gravel	10:20: 35	65:75: 80	0: 5: 10
	2Bs	10-40	very gravelly sandy loam	10:25: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				0:10: 30	cobbles			
	2C	40-150	very gravelly sandy loam	10:25: 40	gravel	45:55: 70	30:40: 45	0: 5: 10
				0:10: 30	cobbles			
7TP8:								
Alpine-scrub gravelly diorite till slopes	Oi	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	2-5	silt loam	0: 2: 5	gravel	20:25: 30	60:70: 80	0: 5: 10
	E	5-9	silt loam	0:10: 12	gravel	20:25: 30	60:70: 80	0: 5: 10
	2Bs	9-41	very cobbly sandy loam	20:25: 45	gravel	55:65: 80	10:30: 45	0: 5: 10
				0:20: 20	cobbles			
	2C	41-150	very cobbly sandy loam	15:30: 40	gravel	55:65: 80	10:30: 45	0: 5: 10
				5:20: 20	cobbles			
				0: 0: 30	stones			
Alpine-dwarf scrub gravelly diorite till slopes	Oi	0-1	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	1-7	gravelly loam	2:15: 30	gravel	41:45: 75	20:45: 49	5:10: 10
				0: 2: 10	cobbles			
	Bw	7-47	extremely cobbly loamy coarse sand	20:40: 50	gravel	55:80: 85	15:15: 35	0: 5: 10
				0:20: 25	cobbles			
	C	47-150	extremely cobbly coarse sand	25:40: 65	gravel	45:90: 90	5: 8: 20	0: 2: 5
				0:25: 40	cobbles			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7TP8:								
Alpine-scrub-meadow mosaic gravelly diorite swales	O	0-6	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	6-34	silt loam	0: 0: 2	gravel	15:25: 35	60:70: 80	0: 5: 10
	2Bw	34-62	very gravelly sandy loam	20:30: 50	gravel	50:65: 80	10:30: 45	0: 5: 10
				10:10: 35	cobbles			
				0: 2: 10	stones			
	2C	62-150	very gravelly sandy loam	20:30: 50	gravel	50:65: 80	10:30: 45	0: 5: 10
				10:10: 35	cobbles			
				0: 2: 10	stones			
7V1:								
Alpine-scrub gravelly terraces	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bs	10-15	silt loam	0: 0: 10	gravel	20:30: 35	45:65: 75	5: 5: 10
	2Bs/C	15-21	loamy sand	0: 0: 60	gravel	70:80: 85	15:18: 30	0: 2: 5
				0: 0: 30	cobbles			
	2C	21-150	extremely gravelly loamy sand	25:60: 70	gravel	70:85: 95	0:13: 30	0: 2: 5
				0:10: 30	cobbles			
Alpine-scrub-sedge loamy terraces, frozen	Oi and Oe	0-21	peat	0: 0: 0	---	---	---	---
	Cg	21-61	stratified gravelly sand to silt	0: 5: 20	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 0: 5	cobbles			
	2Cf	61-150	extremely cobbly coarse sand	35:40: 55	gravel	75:90: 95	0: 8: 20	0: 2: 5
				0:30: 35	cobbles			
Alpine-scrub-sedge gravelly till slopes, frozen	Oi and Oe	0-29	peat	0: 0: 0	---	---	---	---
	A	29-32	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cgf	32-150	very gravelly loam	15:30: 45	gravel	45:50: 80	5:40: 45	0:10: 15
				0:15: 20	cobbles			
7V1A:								
Alpine-dwarf scrub gravelly diorite fans	Oi and Oe	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-12	silt loam	0: 0: 2	gravel	20:25: 45	45:70: 80	0: 5: 10
	2Bw	12-20	very cobbly sandy loam	5:35: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				0:20: 30	cobbles			
	2C	20-150	very cobbly sandy loam	5:35: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				0:20: 30	cobbles			
Alpine-scrub mosaic gravelly diorite terraces	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bs	10-15	silt loam	0: 0: 10	gravel	20:30: 45	45:65: 75	5: 5: 10
	2Bs	15-21	extremely gravelly coarse sand	30:60: 70	gravel	80:90: 95	0: 8: 20	0: 2: 5
				0:10: 30	cobbles			
	2C	21-150	extremely gravelly coarse sand	30:60: 70	gravel	80:90: 95	0: 8: 20	0: 2: 5
				0:10: 30	cobbles			
Alpine-dwarf scrub gravelly diorite fans, cold	Oi and Oe	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-12	silt loam	0: 0: 2	gravel	20:25: 45	45:70: 80	0: 5: 10
	2Bw	12-20	very cobbly sandy loam	5:35: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				0:20: 30	cobbles			
	2C	20-150	very cobbly sandy loam	5:35: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				0:20: 30	cobbles			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7V1B:								
Alpine-scrub mosaic gravelly diorite terraces	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bs	10-15	silt loam	0: 0: 10	gravel	20:30: 45	45:65: 75	5: 5: 10
	2Bs	15-21	extremely gravelly coarse sand	30:60: 70 0:10: 30	gravel cobbles	80:90: 95	0: 8: 20	0: 2: 5
	2C	21-150	extremely gravelly coarse sand	30:60: 70 0:10: 30	gravel cobbles	80:90: 95	0: 8: 20	0: 2: 5
Alpine-scrub loamy diorite terraces, frozen	Oi and Oe	0-28	peat	0: 0: 0	---	---	---	---
	A	28-31	silt loam	0: 0: 5	gravel	15:30: 35	55:65: 75	0: 5: 10
	2C	31-68	stratified gravelly sand to silt	0: 5: 20 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	3Cf	68-150	extremely gravelly coarse sand	20:45: 55 0:20: 25	gravel cobbles	75:90: 95	0: 8: 20	0: 2: 5
Subalpine-riparian scrub gravelly diorite flood plains	O	0-5	moderately decomposed plant material	0: 0: 0	---	---	---	---
	C1	5-7	cobbly sandy loam	10:15: 30 5:10: 20	gravel cobbles	50:65: 85	10:30: 40	0: 5: 10
	Ab	7-12	sandy loam	0: 0: 10 0: 0: 10	gravel cobbles	40:50: 60	30:45: 50	0: 5: 10
	C2	12-150	extremely gravelly coarse sand	25:60: 70 0:10: 30	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
7V2:								
Boreal-forested loamy fan terraces	O	0-5	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	5-22	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	2C	22-62	stratified fine sand to mucky silt	0: 0: 0	---	50:60: 70	30:35: 40	0: 5: 10
	3C	62-150	extremely cobbly loamy coarse sand	30:40: 50 10:25: 30	gravel cobbles	75:85: 95	0:13: 15	0: 2: 5
Boreal-woodland gravelly terraces	Oi	0-10	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A/E	10-20	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	2Bw	20-29	very gravelly loamy sand	25:35: 70 0: 0: 40	gravel cobbles	75:80: 95	0:15: 25	0: 5: 5
	2C	29-150	very gravelly coarse sand	25:40: 70 0: 0: 40	gravel cobbles	75:90: 95	0: 8: 25	0: 2: 5
Alpine-scrub gravelly terraces	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bs	10-15	silt loam	0: 0: 10	gravel	20:30: 35	45:65: 75	5: 5: 10
	2Bs/C	15-21	loamy sand	0: 0: 60 0: 0: 30	gravel cobbles	70:80: 85	15:18: 30	0: 2: 5
	2C	21-150	extremely gravelly loamy sand	25:60: 70 0:10: 30	gravel cobbles	70:85: 95	0:13: 30	0: 2: 5

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
7V5:								
Alpine-dwarf scrub gravelly fan terraces	Oi	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	2-8	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	2Bw	8-29	extremely cobbly loamy coarse sand	15:40: 50 2:25: 25	gravel cobbles	60:77: 85	15:18: 60	0: 5: 5
	2C	29-150	extremely cobbly coarse sand	20:40: 60 0:25: 30	gravel cobbles	75:90: 95	5: 8: 20	0: 2: 5
Alpine-scrub-sedge loamy terraces, frozen	Oi and Oe	0-21	peat	0: 0: 0	---	---	---	---
	Cg	21-61	stratified gravelly sand to silt	0: 5: 20 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	2Cf	61-150	extremely cobbly coarse sand	35:40: 55 0:30: 35	gravel cobbles	75:90: 95	0: 8: 20	0: 2: 5
Alpine-riparian scrub gravelly flood plains, cool	O	0-2	moderately decomposed plant material	0: 5: 10 0: 5: 10	gravel cobbles	---	---	---
	AC	2-10	stratified sand to silt	0: 0: 10	cobbles	55:65: 85	15:30: 35	0: 5: 10
	2AC	10-25	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	75:90: 95	5: 8: 20	0: 2: 5
	2C	25-150	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	75:90: 95	5: 8: 20	0: 2: 5
7V11:								
Alpine-riparian scrub gravelly flood plains	Oi	0-5	slightly decomposed plant material	0: 5: 10 0: 5: 10	gravel cobbles	---	---	---
	AC	5-12	stratified fine sand to silt	0: 0: 10	cobbles	55:65: 85	15:30: 35	0: 5: 10
	2C	12-150	extremely cobbly coarse sand	25:40: 60 10:30: 35	gravel cobbles	75:90: 95	5: 8: 15	0: 2: 10
Alpine-scrub gravelly terraces	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bs	10-15	silt loam	0: 0: 10	gravel	20:30: 35	45:65: 75	5: 5: 10
	2Bs/C	15-21	loamy sand	0: 0: 60 0: 0: 30	gravel cobbles	70:80: 85	15:18: 30	0: 2: 5
	2C	21-150	extremely gravelly loamy sand	25:60: 70 0:10: 30	gravel cobbles	70:85: 95	0:13: 30	0: 2: 5
8FP1:								
Alpine-riparian scrub gravelly schist flood plains, moderately wet	O	0-1	moderately decomposed plant material	0: 0: 0	---	---	---	---
	AC	1-11	stratified highly decomposed plant material to sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	11-150	extremely gravelly coarse sand, extremely cobbly loamy coarse sand	20:40: 65 0:20: 25	gravel cobbles	75:85: 95	0:10: 15	0: 2: 5
Alpine-riparian scrub gravelly schist flood plains	O	0-7	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	7-19	silt loam	0: 0: 25	gravel	30:35: 50	35:55: 65	5:10: 15
	2C	19-150	extremely cobbly loamy coarse sand	30:40: 50 0:20: 30	gravel cobbles	75:85: 95	5:10: 15	0: 5: 10
Alpine-riparian scrub loamy schist flood plains, wet	Oi	0-9	slightly decomposed plant material	0: 0: 0	---	---	---	---
	Cg/Oa	9-25	stratified highly decomposed plant material to sand to silt	0: 0: 5	gravel	55:65: 85	15:30: 35	0: 5: 10
	Cg	25-66	stratified sand to silt	0: 0: 5	gravel	55:65: 85	15:30: 35	0: 5: 10
	2C	66-150	extremely cobbly coarse sand	20:45: 65 0:20: 40	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
8FP2:								
Boreal-riparian scrub gravelly schist flood plains, moderately wet	O	0-1	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	1-11	stratified very fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	11-150	extremely cobbly sand	20:40: 65	gravel	75:90: 95	0: 8: 15	0: 2: 5
				0:20: 25	cobbles			
Boreal-riparian forested gravelly schist flood plains	Oi	0-3	moderately decomposed plant material	0: 0: 0	---	---	---	---
	AC	3-44	extremely cobbly loamy sand	25:30: 60	gravel	70:85: 90	5:10: 20	5: 5: 10
				10:30: 40	cobbles			
	C	44-150	extremely cobbly loamy sand	25:30: 60	gravel	75:85: 90	5:10: 20	5: 5: 10
				10:30: 40	cobbles			
Alpine-scrub gravelly schist terraces	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bs	10-15	silt loam	0: 0: 10	gravel	20:30: 45	45:65: 75	5: 5: 10
	2Bs	15-21	extremely gravelly coarse sand	30:60: 70	gravel	80:90: 95	0: 8: 20	0: 2: 5
				0:10: 30	cobbles			
	2C	21-150	extremely gravelly coarse sand	30:60: 70	gravel	80:90: 95	0: 8: 20	0: 2: 5
				0:10: 30	cobbles			
8LM:								
Alpine-scrub-sedge silty hummocks, frozen	Oi and Oe	0-31	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	31-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Alpine-tussock-scrub mica rich silty slopes, frozen	Oi and Oe	0-31	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	31-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Alpine-scrub gravelly schist circles, frozen	Oi	0-1	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	1-3	silt loam	0: 0: 10	channers	20:35: 40	55:60: 70	5: 5: 10
				0: 0: 10	flagstones			
				0: 5: 10	gravel			
	2Bw/Cjj	3-11	very channery silt loam	15:30: 50	channers	25:35: 45	45:50: 65	10:15: 20
				0:10: 15	flagstones			
				0: 0: 40	cobbles			
	2C/Bwjj	11-150	very channery silt loam	15:25: 50	channers	25:35: 45	45:50: 65	10:15: 20
				0:10: 15	flagstones			
				0: 0: 65	cobbles			
	2Crf	>150	bedrock		---	---	---	---
8LM1:								
Alpine-scrub-sedge-gravelly schist hummocks, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A/Oajj	20-34	silt loam, muck	0: 5: 10	channers	20:40: 45	45:55: 70	5: 5: 10
				0: 0: 5	channers			
	2Cg	34-42	very cobbly loam	0: 0: 50	channers	25:40: 45	40:45: 65	10:15: 20
				0: 0: 20	flagstones			
				10:20: 40	gravel			
				15:25: 50	cobbles			
	2Cgf	42-150	very cobbly loam	0: 0: 50	channers	25:40: 45	40:45: 65	10:15: 20
				0: 0: 20	flagstones			
				10:20: 40	gravel			
				15:25: 50	cobbles			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
8LM1								
Alpine-scrub gravelly schist circles, frozen	Oi	0-1	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	1-3	silt loam	0: 0: 10	channers	20:35: 40	55:60: 70	5: 5: 10
				0: 0: 10	flagstones			
				0: 5: 10	gravel			
	2Bw/Cjj	3-11	very channery silt loam	15:30: 50	channers	25:35: 45	45:50: 65	10:15: 20
				0:10: 15	flagstones			
				0: 0: 40	cobbles			
	2C/Bwjj	11-150	very channery silt loam	15:25: 50	channers	25:35: 45	45:50: 65	10:15: 20
				0:10: 15	flagstones			
				0: 0: 65	cobbles			
	2Crf	>150	bedrock		---	---	---	---
Alpine-tussock-scrub gravelly schist slopes, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A/Oajj	20-34	silt loam, muck	0: 5: 10	channers	20:40: 45	45:55: 70	5: 5: 10
				0: 0: 5	channers			
	2Cg	34-42	very channery silt loam	20:35: 50	channers	25:35: 45	45:50: 65	10:15: 20
				2:10: 40	flagstones			
				0: 0: 20	gravel			
				0: 0: 25	cobbles			
	2Cgf	42-150	very channery loam	20:35: 50	channers	25:40: 45	45:45: 65	10:15: 20
				2:10: 40	flagstones			
				0: 0: 20	gravel			
				0: 0: 25	cobbles			
8LMF:								
Boreal-taiga high elevation silty mica-rich loess hills, frozen	O	0-23	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	23-46	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Af	46-58	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	58-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga/tussock mica rich silty loess slopes, frozen	Oi and Oe	0-40	peat	0: 0: 0	---	---	---	---
	Cg/Oajj	40-77	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	77-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
8LMV:								
Alpine-dwarf scrub gravelly schist colluvial slopes	A	0-2	gravelly silt loam	5:15: 20	channers	25:35: 45	45:50: 65	10:15: 20
				5:15: 20	channers			
	Bw	2-28	very channery silt loam	15:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 40	flagstones			
	C	28-86	extremely channery silt loam	15:45: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 40	flagstones			
	Cr	86-150	bedrock		---	---	---	---
Alpine-scrub gravelly schist colluvial slopes, thick surface	Oi and Oe	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-8	silt loam	0: 0: 5	channers	15:30: 35	55:65: 75	0: 5: 10
	2Bw	8-20	very channery silt loam	15:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 60	flagstones			
	2C	20-150	extremely channery silt loam	15:45: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 60	flagstones			
	2Cr	>150	bedrock		---	---	---	---

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
8LMV:								
Subalpine-scrub gravelly schist colluvial slopes	Oi	0-9	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	9-30	silt loam	0: 0: 0	---	15:35: 40	50:60: 70	5: 5: 10
	2Bw	30-58	very channery loam	15:35: 45	channers	15:40: 45	40:45: 65	10:15: 20
				10:15: 30	flagstones			
	2C	58-84	extremely channery loam	15:45: 60	channers	15:40: 45	40:45: 65	10:15: 20
				10:15: 30	flagstones			
				0: 5: 30	gravel			
	2Cr	84-150	bedrock		---	---	---	---
8MBS:								
Alpine-scrub gravelly schist colluvial slopes	A	0-2	gravelly silt loam	5:15: 20	channers	25:35: 45	45:50: 65	10:15: 20
				5:15: 20	channers			
	Bw	2-28	very channery silt loam	15:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 40	flagstones			
	C	28-86	extremely channery silt loam	15:45: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 40	flagstones			
	Cr	86-150	bedrock		---	---	---	---
Alpine-scrub mosaic gravelly colluvial schist slopes	A	0-2	very gravelly silt loam	5:30: 35	gravel	25:35: 45	45:50: 65	10:15: 20
				5:10: 20	cobbles			
	Bw	2-28	very gravelly silt loam	25:40: 60	gravel	25:35: 45	45:50: 65	10:15: 20
				10:15: 60	cobbles			
	C	28-86	extremely cobbly silt loam	15:40: 60	gravel	25:35: 45	45:50: 65	10:15: 20
				10:30: 60	cobbles			
	Cr	86-150	bedrock		---	---	---	---
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen	Oi and Oe	0-21	peat	0: 0: 0	---	---	---	---
	A	21-28	silt loam	0: 0: 20	channers	20:40: 50	40:50: 70	5:10: 15
				0: 0: 20	channers			
	2Cg	28-51	very channery silt loam	10:25: 40	channers	25:35: 45	45:50: 65	10:15: 20
				0:10: 25	flagstones			
				0: 0: 40	gravel			
	2Cf	51-150	very channery silt loam	20:30: 40	channers	25:35: 45	45:50: 65	10:15: 20
				0: 0: 15	flagstones			
				0: 0: 40	gravel			
				5:10: 40	cobbles			
	2Crf	>150	bedrock		---	---	---	---
8MFS:								
Alpine-scrub gravelly schist colluvial toeslopes, frozen	Oi	0-23	peat	0: 0: 0	---	---	---	---
	A	23-31	silt loam	0: 0: 0	---	15:30: 35	50:60: 70	5:10: 15
	C	31-45	silt loam	0: 0: 0	---	15:30: 35	50:60: 70	5:10: 15
				0: 0: 0	---			
	2Cf	45-150	gravelly silt loam	5:15: 25	gravel	30:40: 55	30:50: 65	5:10: 15
				0: 5: 5	cobbles			
Alpine-scrub gravelly schist colluvial slopes	A	0-2	gravelly silt loam	5:15: 20	channers	25:35: 45	45:50: 65	10:15: 20
				5:15: 20	channers			
	Bw	2-28	very channery silt loam	15:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 40	flagstones			
	C	28-86	extremely channery silt loam	15:45: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 40	flagstones			
	Cr	86-150	bedrock		---	---	---	---

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
:								
8MFS:								
Subalpine-scrub-meadow mosaic gravelly schist swales	Oi	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	channery loam	0:10: 20	channers	15:45: 50	40:45: 70	5:10: 15
				0:10: 20	flagstones			
	2Bw and 2C	9-124	very channery loam	15:30: 60	channers	25:40: 45	40:45: 65	10:15: 20
				10:10: 60	flagstones			
	2Cr	124-150	bedrock		---	---	---	---
8MFS1:								
Boreal-taiga gravelly schist slopes, frozen	Oi and Oe	0-25	peat	0: 0: 0	---	---	---	---
	A	25-35	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	2Cgf	35-89	extremely channery silt loam	15:45: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:20: 60	flagstones			
	2Crf	84-150	bedrock		---	---	---	---
Alpine-scrub gravelly schist colluvial toeslopes, frozen	Oi	0-23	peat	0: 0: 0	---	---	---	---
	A	23-31	silt loam	0: 0: 0	---	15:30: 35	50:60: 70	5:10: 15
	C	31-45	silt loam	0: 0: 0	---	15:30: 35	50:60: 70	5:10: 15
	2Cf	45-150	gravelly silt loam	5:15: 25	gravel	30:40: 55	30:50: 65	5:10: 15
				0: 5: 5	cobbles			
Alpine-tussock-scrub gravelly schist slopes, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A/Oajj	20-34	silt loam, muck	0: 5: 10	channers	20:40: 45	45:55: 70	5: 5: 10
				0: 0: 5	channers			
	2Cg	34-42	very channery silt loam	20:35: 50	channers	25:35: 45	45:50: 65	10:15: 20
				2:10: 40	flagstones			
				0: 0: 20	gravel			
				0: 0: 25	cobbles			
	2Cgf	42-150	very channery loam	20:35: 50	channers	25:40: 45	45:45: 65	10:15: 20
				2:10: 40	flagstones			
				0: 0: 20	gravel			
				0: 0: 25	cobbles			
8MS:								
Alpine-dwarf scrub gravelly schist colluvial slopes	A	0-2	gravelly silt loam	5:15: 20	channers	25:35: 45	45:50: 65	10:15: 20
				5:15: 20	channers			
	Bw	2-28	very channery silt loam	15:35: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 40	flagstones			
	C	28-86	extremely channery silt loam	15:45: 60	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 40	flagstones			
	Cr	86-150	bedrock		---	---	---	---
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen	O	0-17	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A/Cgjj	17-21	very gravelly silt loam	0: 5: 25	channers	25:35: 45	45:50: 65	10:15: 20
				15:30: 40	gravel			
				0: 5: 10	cobbles			
	Cg	21-130	very gravelly loam	5: 5: 50	channers	25:40: 45	40:45: 65	10:15: 20
				15:30: 50	gravel			
				0:10: 10	cobbles			
	Crf	130-150	bedrock		---	---	---	---

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
8MVF:								
Boreal-forested silty schist slopes, wet	Oi	0-9	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	9-18	mucky silt loam	0: 0: 0	---	15:35: 45	40:60: 70	5: 5: 10
	2A	18-27	gravelly silt loam	0: 5: 15	channers	25:35: 45	45:50: 65	10:15: 20
				10:15: 30	gravel			
	2C	27-103	very channery silt loam	15:30: 60	channers	25:35: 45	45:50: 65	10:15: 20
				5:10: 15	flagstones			
				0:10: 30	gravel			
	2Cr	103-150	bedrock		---	---	---	---
Subalpine-scrub-meadow mosaic gravelly schist swales	Oi	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	channery loam	0:10: 20	channers	15:45: 50	40:45: 70	5:10: 15
				0:10: 20	flagstones			
	2Bw and 2C	9-124	very channery loam	15:30: 60	channers	25:40: 45	40:45: 65	10:15: 20
				10:10: 60	flagstones			
	2Cr	124-150	bedrock		---	---	---	---
Boreal-forested gravelly schist colluvial slopes	Oi	0-9	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	9-20	mucky silt loam	0: 0: 0	---	15:35: 40	50:60: 70	5: 5: 10
	2Bw	20-41	very channery loam	15:40: 60	channers	15:40: 45	45:45: 65	10:15: 20
				10:10: 30	flagstones			
	2C	41-96	extremely channery loam	15:50: 60	channers	15:40: 45	45:45: 65	10:15: 20
				10:20: 30	flagstones			
	2Cr	96-150	bedrock		---	---	---	---
8ST1:								
Alpine-tussock-scrub gravelly schist slopes, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A/Oajj	20-34	silt loam, muck	0: 5: 10	channers	20:40: 45	45:55: 70	5: 5: 10
				0: 0: 5	channers			
	2Cg	34-42	very channery silt loam	20:35: 50	channers	25:35: 45	45:50: 65	10:15: 20
				2:10: 40	flagstones			
				0: 0: 20	gravel			
				0: 0: 25	cobbles			
	2Cgf	42-150	very channery loam	20:35: 50	channers	25:40: 45	45:45: 65	10:15: 20
				2:10: 40	flagstones			
				0: 0: 20	gravel			
				0: 0: 25	cobbles			
Alpine-scrub gravelly schist colluvial toeslopes, frozen	Oi	0-23	peat	0: 0: 0	---	---	---	---
	A	23-31	silt loam	0: 0: 0	---	15:30: 35	50:60: 70	5:10: 15
	C	31-45	silt loam	0: 0: 0	---	15:30: 35	50:60: 70	5:10: 15
	2Cf	45-150	gravelly silt loam	5:15: 25	gravel	30:40: 55	30:50: 65	5:10: 15
				0: 5: 5	cobbles			
Alpine-scrub gravelly schist terraces	Oi	0-8	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	8-10	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	Bs	10-15	silt loam	0: 0: 10	gravel	20:30: 45	45:65: 75	5: 5: 10
	2Bs	15-21	extremely gravelly coarse sand	30:60: 70	gravel	80:90: 95	0: 8: 20	0: 2: 5
				0:10: 30	cobbles			
	2C	21-150	extremely gravelly coarse sand	30:60: 70	gravel	80:90: 95	0: 8: 20	0: 2: 5
				0:10: 30	cobbles			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
9AF:								
Subalpine-scrub gravelly fan terraces	Oi	0-10	slightly decomposed plant material	0: 2: 5	gravel	---	---	---
	A	10-18	silt loam	0: 0: 5	gravel	40:45: 60	40:50: 60	0: 5: 10
				0: 2: 5	cobbles			
				0: 2: 5	stones			
	2Bs	18-32	very cobbly sandy loam	15:15: 50	gravel	65:70: 85	10:25: 30	0: 5: 5
				2:35: 40	cobbles			
				0: 5: 10	stones			
	2BC	32-66	extremely cobbly loamy sand	20:35: 60	gravel	75:80: 90	5:15: 20	0: 5: 5
				0:20: 30	cobbles			
				0: 5: 10	stones			
	2C	66-150	extremely cobbly loamy sand	20:35: 60	gravel	75:80: 90	5:15: 20	0: 5: 5
				0:20: 30	cobbles			
				0: 5: 10	stones			
9AF2:								
Boreal-riparian forested gravelly high flood plains, Cook Inlet	O	0-3	moderately decomposed plant material	0: 0: 0	---	---	---	---
	AC	3-16	stratified sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	16-150	extremely cobbly coarse sand	35:40: 60	gravel	75:90: 95	0: 8: 15	0: 2: 5
				0:30: 35	cobbles			
Boreal-forested gravelly fan terraces	Oi	0-10	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	10-18	silt loam	0: 0: 10	cobbles	40:45: 60	40:50: 60	0: 5: 10
	2Bs	18-32	very cobbly sandy loam	15:30: 50	gravel	65:70: 85	10:25: 30	0: 5: 5
				2:10: 25	cobbles			
	2BC	32-66	extremely cobbly loamy sand	20:40: 60	gravel	75:80: 90	5:15: 20	0: 5: 5
				0:20: 30	cobbles			
	2C	66-150	extremely cobbly loamy sand	20:40: 60	gravel	75:80: 90	5:15: 20	0: 5: 5
				0:20: 30	cobbles			
Boreal-riparian forested hardwood gravelly flood plains	Oi	0-1	moderately decomposed plant material	0: 0: 0	---	---	---	---
	AC	1-7	extremely cobbly coarse sand	35:40: 60	gravel	80:90: 95	0: 8: 15	0: 2: 5
				0:30: 35	cobbles			
	C	7-150	extremely cobbly coarse sand	35:40: 60	gravel	80:90: 95	0: 8: 15	0: 2: 5
				0:30: 35	cobbles			
9CE:								
Subalpine-scrub gravelly moraines	Oi	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	2-12	very cobbly sandy loam	25:30: 55	gravel	45:55: 80	5:40: 45	0: 5: 10
				10:25: 35	cobbles			
	CA and C	12-150	very cobbly sandy loam	25:30: 55	gravel	45:55: 80	5:40: 45	0: 5: 10
				10:25: 35	cobbles			
Boreal-woodland gravelly moraines	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	5-9	silt loam	0: 0: 2	gravel	15:25: 35	60:70: 75	5: 5: 10
	2Bw	9-20	very cobbly sandy loam	25:35: 60	gravel	45:55: 70	25:40: 45	5: 5: 10
				10:20: 35	cobbles			
	2C	20-150	very cobbly sandy loam	25:35: 60	gravel	45:55: 70	25:40: 45	5: 5: 10
				10:20: 35	cobbles			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
9MSA:								
Alpine-dwarf scrub gravelly diorite colluvial slopes, warm	O	0-3	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	gravelly loam	5:20: 30	gravel	30:50: 55	35:40: 55	5:10: 15
				0: 5: 10	cobbles			
				0: 0: 5	stones			
	Bw	9-34	very cobbly sandy loam	20:30: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				10:15: 35	cobbles			
				0: 5: 10	stones			
	C	34-109	extremely cobbly sandy loam	20:35: 50	gravel	50:65: 80	10:30: 45	0: 5: 10
				10:20: 35	cobbles			
				5: 5: 45	stones			
	Cr	109-150	bedrock		---	---	---	---
Alpine-dwarf scrub gravelly diorite colluvial slopes, cool	O	0-3	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	3-9	gravelly loam	5:20: 30	gravel	30:50: 55	35:40: 55	5:10: 15
				0: 5: 10	cobbles			
				0: 0: 5	stones			
	Bw	9-34	very cobbly sandy loam	20:30: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				10:15: 35	cobbles			
				0: 5: 10	stones			
	C	34-109	extremely cobbly sandy loam	20:35: 50	gravel	50:65: 80	10:30: 45	0: 5: 10
				10:20: 35	cobbles			
				5: 5: 45	stones			
	Cr	109-150	bedrock		---	---	---	---
9MSH:								
Alpine-dwarf scrub gravelly colluvial slopes, warm	Oi	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	2-6	silt loam	2: 5: 10	channers	20:30: 40	50:60: 70	5:10: 15
				0: 0: 2	flagstones			
	Bw	6-23	gravelly loam	0: 5: 30	channers	35:45: 50	35:45: 50	5:10: 10
				0: 5: 20	flagstones			
				0: 0: 10	stones			
				10:15: 30	gravel			
	2C	23-63	extremely channery loam	15:25: 40	channers	35:45: 50	35:45: 50	5:10: 10
				10:10: 45	flagstones			
				0: 5: 10	stones			
				0: 5: 40	gravel			
				10:15: 25	cobbles			
	3Cr	63-150	bedrock		---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, cool	Oi	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	2-6	silt loam	2: 5: 10	channers	20:30: 40	50:60: 70	5:10: 15
				0: 0: 2	flagstones			
	2A	6-24	very channery loam	20:30: 40	channers	35:45: 50	35:45: 50	5:10: 10
				5:10: 40	flagstones			
				0: 0: 10	stones			
				0: 5: 45	gravel			
	2Bw	24-43	extremely channery loam	30:45: 60	channers	35:45: 50	35:45: 50	5:10: 10
				5:15: 40	flagstones			
				0: 5: 10	stones			
				0: 5: 45	gravel			
	2C	43-72	extremely channery loam	30:45: 60	channers	35:45: 50	35:45: 50	5:10: 10
				5:15: 40	flagstones			
				0: 5: 10	stones			
				0: 5: 45	gravel			
	3Cr	72-150	bedrock		---	---	---	---

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
9MSH1:								
Alpine-dwarf scrub silty hummocks	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	4-11	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	Bhs/Bs	11-36	silt loam	0: 2: 3	gravel	20:30: 40	50:60: 70	5:10: 15
				0: 2: 3	cobbles			
	2BC	36-61	extremely channery loam	20:45: 60	channers	35:45: 50	35:45: 50	5:10: 10
				5:15: 35	flagstones			
				0: 5: 10	stones			
				0: 5: 45	gravel			
	2C	61-83	extremely channery loam	20:45: 60	channers	35:45: 50	35:45: 50	5:10: 10
				5:15: 35	flagstones			
				0: 5: 10	stones			
				0: 5: 45	gravel			
	2Cr	83-150	bedrock		---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, warm	Oi	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	2-6	silt loam	2: 5: 10	channers	20:30: 40	50:60: 70	5:10: 15
				0: 0: 2	flagstones			
	Bw	6-23	gravelly loam	0: 5: 30	channers	35:45: 50	35:45: 50	5:10: 10
				0: 5: 20	flagstones			
				0: 0: 10	stones			
				10:15: 30	gravel			
	2C	23-63	extremely channery loam		---	35:45: 50	35:45: 50	5:10: 10
				15:25: 40	channers			
				10:10: 45	flagstones			
				0: 5: 10	stones			
				0: 5: 40	gravel			
				10:15: 25	cobbles			
	3Cr	63-150	bedrock		---	---	---	---
Alpine-scrub-meadow mosaic gravelly colluvial slopes	Oe	0-1	moderately decomposed plant material	0: 0: 2	gravel	---	---	---
				0: 0: 2	cobbles			
	A	1-26	gravelly loam	2:15: 25	gravel	25:45: 50	40:45: 70	5:10: 15
				0: 0: 10	cobbles			
	Bw	26-79	gravelly loam	10:15: 35	gravel	25:45: 50	40:45: 60	5:10: 10
				0: 3: 15	cobbles			
				0: 0: 5	stones			
	2C	79-107	extremely gravelly loam	5:10: 45	channers	35:45: 50	35:45: 50	5:10: 10
				15:75: 80	gravel			
				5:10: 20	cobbles			
				0: 0: 5	stones			
	Cr	107-150	bedrock		---	---	---	---
9SA4:								
Alpine-scrub-meadow mosaic gravelly colluvial slopes	Oe	0-1	moderately decomposed plant material	0: 0: 2	gravel	---	---	---
				0: 0: 2	cobbles			
	A	1-26	gravelly loam	2:15: 25	gravel	25:45: 50	40:45: 70	5:10: 15
				0: 0: 10	cobbles			
	Bw	26-79	gravelly loam	10:15: 35	gravel	25:45: 50	40:45: 60	5:10: 10
				0: 3: 15	cobbles			
				0: 0: 5	stones			
	2C	79-107	extremely gravelly loam	5:10: 45	channers	35:45: 50	35:45: 50	5:10: 10
				15:75: 80	gravel			
				5:10: 20	cobbles			
				0: 0: 5	stones			
	Cr	107-150	bedrock		---	---	---	---

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
9SA5:								
Subalpine-scrub-meadow mosaic gravelly colluvial slopes	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	4-14	silt loam	0: 2: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 2: 3	m&c gravel			
				0: 2: 3	cobbles			
	2E	14-21	cobbly loam	10:15: 40	gravel	40:45: 70	20:45: 50	0:10: 10
				5:10: 30	cobbles			
				2: 2: 30	stones			
	2Bhs	21-36	very cobbly loam	15:20: 40	gravel	40:50: 70	15:40: 45	0:10: 15
				5:25: 30	cobbles			
				0: 0: 30	stones			
	2Bs	36-92	very cobbly loam	15:20: 40	gravel	40:50: 70	15:40: 45	0:10: 15
				5:25: 30	cobbles			
				0: 0: 30	stones			
	2Cr	92-150	bedrock		---	---	---	---
Alpine-scrub gravelly colluvial slopes, warm	Oi	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-11	silt loam	2: 5: 10	channers	20:30: 40	45:60: 70	5:10: 15
				0: 0: 2	flagstones			
	Bw	11-26	silt loam	2: 5: 10	channers	20:30: 40	45:60: 70	5:10: 15
				0: 0: 2	flagstones			
	2C	26-88	extremely channery loam	20:50: 60	channers	35:45: 50	35:45: 50	5:10: 10
				0: 0: 10	stones			
				5:15: 45	cobbles			
	2Cr	88-150	bedrock		---	---	---	---
9SA6:								
Subalpine-scrub-meadow mosaic silty till slopes	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	4-10	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	E	10-14	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	Bhs,Bs	14-48	fine sandy loam	0: 2: 3	f gravel	40:55: 60	25:40: 45	0: 5: 10
				0: 3: 3	m&c gravel			
				0: 5: 5	cobbles			
	2BC	48-72	gravelly loam	10:15: 40	gravel	45:50: 70	20:40: 45	0:10: 10
				5: 5: 30	cobbles			
	2C	72-150	very cobbly loam	15:20: 40	gravel	45:50: 70	20:40: 45	0:10: 10
				5:25: 30	cobbles			
9SA44:								
Alpine-scrub-meadow mosaic silty till slopes	Oi	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-25	silt loam	0: 2: 3	gravel	20:30: 40	50:60: 70	5:10: 15
				0: 2: 3	cobbles			
	2Bw	25-37	very cobbly sandy loam	15:20: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:15: 30	cobbles			
	2C	37-150	very cobbly sandy loam	15:20: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:15: 30	cobbles			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
9SA44:								
Alpine-scrub gravelly till slopes, warm	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	4-19	silt loam	0: 2: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 2: 3	m&c gravel			
				0: 2: 3	cobbles			
	2Bw	19-44	very gravelly sandy loam	15:30: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5: 5: 20	cobbles			
	2C	44-150	very gravelly sandy loam	15:30: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:10: 30	cobbles			
Alpine-dwarf scrub gravelly till hummocks	O	0-2	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A/E	2-8	silt loam	0: 0: 2	gravel	20:30: 40	50:60: 70	5:10: 15
	Bhs/Bs	8-20	silt loam	0: 0: 2	gravel	20:30: 40	50:60: 70	5:10: 15
	2C	20-150	very cobbly sandy loam	15:20: 40	gravel	45:55: 80	5:40: 45	0: 5: 10
				5:20: 30	cobbles			
	3Cr	>150	bedrock		---	---	---	---
9SA61:								
Subalpine-scrub-meadow mosaic silty till slopes	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	4-10	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	E	10-14	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	Bhs,Bs	14-48	fine sandy loam	0: 2: 3	f gravel	40:55: 60	25:40: 45	0: 5: 10
				0: 3: 3	m&c gravel			
				0: 5: 5	cobbles			
	2BC	48-72	gravelly loam	10:15: 40	gravel	45:50: 70	20:40: 45	0:10: 10
				5: 5: 30	cobbles			
	2C	72-150	very cobbly loam	15:20: 40	gravel	45:50: 70	20:40: 45	0:10: 10
				5:25: 30	cobbles			
Alpine-sedge wet meadow organic depressions	Oi	0-13	peat		---	---	---	---
	Oe	13-84	mucky peat		---	---	---	---
	Cg	84-150	very gravelly loam	5:30: 40	gravel	15:40: 45	40:45: 60	10:15: 30
				5:10: 20	cobbles			
Alpine-scrub gravelly wet till swales	O	0-9	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	9-42	silt loam	0: 0: 2	gravel	5:20: 25	60:75: 80	0: 5: 10
	2Cg	42-59	very cobbly loam	15:30: 55	gravel	45:50: 80	5:40: 45	0:10: 10
				0:15: 35	cobbles			
	2C	59-150	very cobbly loam	15:30: 55	gravel	45:50: 80	5:40: 45	0:10: 10
				0:15: 35	cobbles			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
9SA62:								
Subalpine-scrub-meadow mosaic silty till slopes	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	4-10	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	E	10-14	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	Bhs,Bs	14-48	fine sandy loam	0: 2: 3	f gravel	40:55: 60	25:40: 45	0: 5: 10
				0: 3: 3	m&c gravel			
				0: 5: 5	cobbles			
	2BC	48-72	gravelly loam	10:15: 40	gravel	45:50: 70	20:40: 45	0:10: 10
				5: 5: 30	cobbles			
	2C	72-150	very cobbly loam	15:20: 40	gravel	45:50: 70	20:40: 45	0:10: 10
				5:25: 30	cobbles			
Alpine-scrub gravelly wet till swales	O	0-9	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	9-42	silt loam	0: 0: 2	gravel	5:20: 25	60:75: 80	0: 5: 10
	2Cg	42-59	very cobbly loam	15:30: 55	gravel	45:50: 80	5:40: 45	0:10: 10
				0:15: 35	cobbles			
	2C	59-150	very cobbly loam	15:30: 55	gravel	45:50: 80	5:40: 45	0:10: 10
				0:15: 35	cobbles			
9SA66:								
Subalpine-scrub-meadow mosaic gravelly colluvial slopes	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	4-14	silt loam	0: 2: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 2: 3	m&c gravel			
				0: 2: 3	cobbles			
	2E	14-21	cobbly loam	10:15: 40	gravel	40:45: 70	20:45: 50	0:10: 10
				5:10: 30	cobbles			
				2: 2: 30	stones			
	2Bhs	21-36	very cobbly sandy loam	15:20: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:15: 30	cobbles			
				5: 5: 30	stones			
	2Bs	36-92	very cobbly sandy loam	15:20: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:15: 30	cobbles			
				5: 5: 30	stones			
	2Cr	92-150	bedrock		---	---	---	---
Subalpine-scrub-meadow mosaic silty till slopes	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	4-10	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	E	10-14	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	Bhs,Bs	14-48	fine sandy loam	0: 2: 3	f gravel	40:55: 60	25:40: 45	0: 5: 10
				0: 3: 3	m&c gravel			
				0: 5: 5	cobbles			
	2BC	48-72	gravelly loam	10:15: 40	gravel	45:50: 70	20:40: 45	0:10: 10
				5: 5: 30	cobbles			
	2C	72-150	very cobbly loam	15:20: 40	gravel	45:50: 70	20:40: 45	0:10: 10
				5:25: 30	cobbles			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
9SA66:								
Alpine-scrub gravelly colluvial slopes, warm	Oi	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-11	silt loam	2: 5: 10	channers	20:30: 40	45:60: 70	5:10: 15
				0: 0: 2	flagstones			
	Bw	11-26	silt loam	2: 5: 10	channers	20:30: 40	45:60: 70	5:10: 15
				0: 0: 2	flagstones			
	2C	26-88	extremely channery loam	20:50: 60	channers	35:45: 50	35:45: 50	5:10: 10
				0: 0: 10	stones			
				5:15: 45	cobbles			
	2Cr	88-150	bedrock		---	---	---	---
9TM:								
Alpine-scrub-meadow mosaic silty till slopes	Oi	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-25	silt loam	0: 2: 3	gravel	20:30: 40	50:60: 70	5:10: 15
				0: 2: 3	cobbles			
	2Bw	25-37	very cobbly sandy loam	15:20: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:15: 30	cobbles			
	2C	37-150	very cobbly sandy loam	15:20: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:15: 30	cobbles			
Subalpine-scrub-meadow mosaic silty till slopes	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	4-10	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	E	10-14	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	Bhs,Bs	14-48	fine sandy loam	0: 2: 3	f gravel	40:55: 60	25:40: 45	0: 5: 10
				0: 3: 3	m&c gravel			
				0: 5: 5	cobbles			
	2BC	48-72	gravelly loam	10:15: 40	gravel	45:50: 70	20:40: 45	0:10: 10
				5: 5: 30	cobbles			
	2C	72-150	very cobbly loam	15:20: 40	gravel	45:50: 70	20:40: 45	0:10: 10
				5:25: 30	cobbles			
Alpine-scrub gravelly till slopes, warm	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	4-19	silt loam	0: 2: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 2: 3	m&c gravel			
				0: 2: 3	cobbles			
	2Bw	19-44	very gravelly sandy loam	15:30: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5: 5: 20	cobbles			
	2C	44-150	very gravelly sandy loam	15:30: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:10: 30	cobbles			
9TM3:								
Alpine-dwarf scrub silty till hummocks	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A/E	4-11	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	Bhs/Bs	11-36	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	2Bs	36-68	very gravelly sandy loam	15:30: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:10: 30	cobbles			
				0: 5: 40	stones			
	2C	68-150	very gravelly sandy loam	15:30: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:10: 30	cobbles			
				0: 5: 40	stones			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
9TM3:								
Alpine-dwarf scrub gravelly till hummocks	O	0-2	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A/E	2-8	silt loam	0: 0: 2	gravel	20:30: 40	50:60: 70	5:10: 15
	Bhs/Bs	8-20	silt loam	0: 0: 2	gravel	20:30: 40	50:60: 70	5:10: 15
	2C	20-150	very cobbly sandy loam	15:20: 40	gravel	45:55: 80	5:40: 45	0: 5: 10
				5:20: 30	cobbles			
	3Cr	>150	bedrock		---	---	---	---
Alpine-scrub mosaic gravelly till drains	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A1	4-12	silt loam	0: 0: 2	gravel	5:20: 25	60:75: 80	0: 5: 10
	2A2	12-39	very cobbly loam	15:35: 55	gravel	45:45: 80	25:45: 50	0:10: 10
				0:20: 35	cobbles			
	2C	39-150	very cobbly sandy loam	15:35: 55	gravel	45:55: 80	5:40: 45	0: 5: 10
				0:20: 35	cobbles			
9TM4:								
Alpine-dwarf scrub silty till hummocks	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A/E	4-11	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	Bhs/Bs	11-36	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	2Bs	36-68	very gravelly sandy loam	15:30: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:10: 30	cobbles			
				0: 5: 40	stones			
	2C	68-150	very gravelly sandy loam	15:30: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:10: 30	cobbles			
				0: 5: 40	stones			
Alpine-dwarf scrub gravelly diorite till slopes, warm	Oi	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	E	2-7	silt loam	0: 0: 2	gravel	20:25: 30	60:70: 80	0: 5: 10
	Bhs	7-15	loam	0: 2: 3	f gravel	40:50: 65	30:40: 45	5:10: 15
				0: 2: 3	m&c gravel			
				0: 2: 3	cobbles			
	2Bs	15-29	very gravelly sandy loam	15:25: 40	gravel	55:65: 75	15:30: 45	0: 5: 10
				0:10: 30	cobbles			
	2C	29-150	very cobbly sandy loam	15:25: 40	gravel	55:65: 75	15:30: 45	0: 5: 10
				0:15: 30	cobbles			
Alpine-scrub-meadow mosaic gravelly diorite colluvial slopes	O	0-1	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	1-40	gravelly sandy loam	10:20: 40	gravel	50:65: 80	10:30: 45	0: 5: 10
				0: 0: 30	cobbles			
	Bs	40-57	very gravelly sandy loam	20:30: 60	gravel	50:65: 80	10:30: 45	0: 5: 10
				0:10: 30	cobbles			
	C	57-150	very gravelly sandy loam	20:30: 60	gravel	50:65: 80	10:30: 45	0: 5: 10
				0:10: 30	cobbles			

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
9TMF:								
Boreal-forested silty till slopes, ash influenced, warm	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	4-10	silt loam	0: 0: 3 0: 0: 3 0: 0: 3	f gravel m&c gravel cobbles	20:30: 40	50:60: 70	5:10: 15
	E	10-14	silt loam	0: 0: 3 0: 0: 3 0: 0: 3	f gravel m&c gravel cobbles	20:30: 40	50:60: 70	5:10: 15
	Bhs	14-24	very fine sandy loam	0: 0: 3 0: 0: 3 0: 0: 3	f gravel m&c gravel cobbles	40:55: 60	25:40: 45	0: 5: 10
	2Bs	24-52	very cobbly sandy loam	15:20: 40 5:15: 30	gravel cobbles	50:65: 70	20:30: 40	0: 5: 10
	2C	52-150	very cobbly sandy loam	15:20: 40 5:15: 30	gravel cobbles	50:65: 70	20:30: 40	0: 5: 10
Subalpine-scrub-meadow mosaic silty till slopes	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	4-10	silt loam	0: 0: 3 0: 0: 3 0: 0: 3	f gravel m&c gravel cobbles	20:30: 40	50:60: 70	5:10: 15
	E	10-14	silt loam	0: 0: 3 0: 0: 3 0: 0: 3	f gravel m&c gravel cobbles	20:30: 40	50:60: 70	5:10: 15
	Bhs,Bs	14-48	fine sandy loam	0: 2: 3 0: 3: 3 0: 5: 5	f gravel m&c gravel cobbles	40:55: 60	25:40: 45	0: 5: 10
	2BC	48-72	gravelly loam	10:15: 40 5: 5: 30	gravel cobbles	45:50: 70	20:40: 45	0:10: 10
	2C	72-150	very cobbly loam	15:20: 40 5:25: 30	gravel cobbles	45:50: 70	20:40: 45	0:10: 10
9TP:								
Alpine-scrub-meadow mosaic silty till slopes	Oi	0-3	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	3-25	silt loam	0: 2: 3 0: 2: 3	gravel cobbles	20:30: 40	50:60: 70	5:10: 15
	2Bw	25-37	very cobbly sandy loam	15:20: 40 5:15: 30	gravel cobbles	50:65: 70	20:30: 40	0: 5: 10
	2C	37-150	very cobbly sandy loam	15:20: 40 5:15: 30	gravel cobbles	50:65: 70	20:30: 40	0: 5: 10
Alpine-dwarf scrub silty till hummocks	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A/E	4-11	silt loam	0: 0: 3 0: 0: 3 0: 0: 3	f gravel m&c gravel cobbles	20:30: 40	50:60: 70	5:10: 15
	Bhs/Bs	11-36	silt loam	0: 0: 3 0: 0: 3 0: 0: 3	f gravel m&c gravel cobbles	20:30: 40	50:60: 70	5:10: 15
	2Bs	36-68	very gravelly sandy loam	15:30: 40 5:10: 30 0: 5: 40	gravel cobbles stones	50:65: 70	20:30: 40	0: 5: 10
	2C	68-150	very gravelly sandy loam	15:30: 40 5:10: 30 0: 5: 40	gravel cobbles stones	50:65: 70	20:30: 40	0: 5: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
9TP:								
Alpine-scrub gravelly wet till swales	O	0-9	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	9-42	silt loam	0: 0: 2	gravel	5:20: 25	60:75: 80	0: 5: 10
	2Cg	42-59	very cobbly loam	15:30: 55	gravel	45:50: 80	5:40: 45	0:10: 10
				0:15: 35	cobbles			
	2C	59-150	very cobbly loam	15:30: 55	gravel	45:50: 80	5:40: 45	0:10: 10
				0:15: 35	cobbles			
9V12:								
Alpine-dwarf scrub gravelly fan terraces, warm	Oi	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	2-6	silt loam	2: 5: 10	channers	20:30: 55	40:60: 70	5:10: 10
				0: 0: 2	channers			
	2Bw	6-21	very gravelly loamy coarse sand	15:30: 50	gravel	75:80: 85	10:15: 20	0: 5: 5
				2:10: 25	cobbles			
	2C	21-150	extremely cobbly loamy coarse sand	20:40: 60	gravel	75:80: 90	10:15: 20	0: 5: 5
				0:20: 30	cobbles			
Alpine-dwarf scrub gravelly fan terraces	Oi	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	2-8	silt loam	0: 0: 5	gravel	15:30: 45	55:65: 75	0: 5: 10
	2Bw	8-29	extremely cobbly loamy coarse sand	15:40: 50	gravel	60:77: 85	15:18: 60	0: 5: 5
				2:25: 25	cobbles			
	2C	29-150	extremely cobbly coarse sand	20:40: 60	gravel	75:90: 95	5: 8: 20	0: 2: 5
				0:25: 30	cobbles			
10ES:								
Boreal-forested gravelly colluvial slopes, dissected	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	5-11	loam	0: 5: 10	gravel	30:45: 50	40:45: 65	5:10: 10
	Bw	11-32	silt loam	0: 0: 20	gravel	35:40: 70	20:55: 60	5: 5: 10
	2C	32-150	very gravelly loamy sand	25:40: 55	gravel	70:85: 90	5:13: 25	0: 2: 5
				0: 0: 10	cobbles			
Alpine-scrub-sedge gravelly slopes, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A	20-30	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cg	30-54	very gravelly sandy loam	20:35: 55	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:10: 25	cobbles			
	2Cgf	54-150	very gravelly sandy loam	20:35: 55	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:10: 25	cobbles			
Subalpine-forested stunted hardwood gravelly colluvial slopes, dissected	A	0-4	silt loam	0: 5: 25	gravel	25:35: 45	45:60: 80	5: 5: 10
	2Bw	4-19	very channery loam	15:35: 50	channers	43:45: 50	35:45: 50	7:10: 15
				0:10: 50	cobbles			
	2C	19-150	very cobbly sandy loam	15:30: 60	gravel	65:75: 85	10:20: 35	0: 5: 5
				5:20: 25	cobbles			
10ES1:								
Boreal-forested gravelly colluvial slopes, dissected	Oi	0-5	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	5-11	loam	0: 5: 10	gravel	30:45: 50	40:45: 65	5:10: 10
	Bw	11-32	silt loam	0: 0: 20	gravel	35:40: 70	20:55: 60	5: 5: 10
	2C	32-150	very gravelly loamy sand	25:40: 55	gravel	70:85: 90	5:13: 25	0: 2: 5
				0: 0: 10	cobbles			
Boreal-taiga high elevation silty loess slopes, frozen	Oi and Oe	0-21	peat	0: 0: 0	---	---	---	---
	A	21-27	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg	27-49	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	49-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
10ES1:								
Alpine-scrub-sedge gravelly slopes, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A	20-30	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cg	30-54	very gravelly sandy loam	20:35: 55	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:10: 25	cobbles			
	2Cgf	54-150	very gravelly sandy loam	20:35: 55	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:10: 25	cobbles			
10LM:								
Alpine-scrub-sedge gravelly slopes, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A	20-30	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cg	30-54	very gravelly sandy loam	20:35: 55	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:10: 25	cobbles			
	2Cgf	54-150	very gravelly sandy loam	20:35: 55	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:10: 25	cobbles			
Alpine-scrub mosaic gravelly slopes	Oe	0-2	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	2-8	silt loam	0: 0: 5	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Bw	8-48	very gravelly sandy loam	20:30: 50	gravel	50:65: 75	20:30: 40	0: 5: 10
				0:10: 15	cobbles			
	2C	48-150	extremely gravelly loamy coarse sand	25:50: 65	gravel	70:76: 90	5:19: 30	0: 5: 5
				0:10: 20	cobbles			
10P1:								
Alpine-scrub gravelly circles, frozen	O	0-1	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	1-5	silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Bw/Cjj	5-23	cobbly sandy loam	10:10: 30	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:20: 30	cobbles			
	2C/Bwjj	23-120	cobbly sandy loam	10:10: 35	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:20: 30	cobbles			
	2Cf	120-150	gravelly sandy loam	10:25: 35	gravel	45:55: 80	10:40: 45	0: 5: 10
				0: 5: 30	cobbles			
Alpine-scrub-sedge gravelly slopes, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A	20-30	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cg	30-54	very gravelly sandy loam	20:35: 55	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:10: 25	cobbles			
	2Cgf	54-150	very gravelly sandy loam	20:35: 55	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:10: 25	cobbles			
10P3:								
Boreal-taiga high elevation silty loess slopes, frozen	Oi and Oe	0-21	peat	0: 0: 0	---	---	---	---
	A	21-27	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg	27-49	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	49-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga/tussock high elevation silty frozen loess slopes, Alaska Mountains	Oi and Oe	0-22	peat	0: 0: 0	---	---	---	---
	A	22-30	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg/Oajj	30-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga high elevation silty mica-rich loess hills, frozen	O	0-23	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	23-46	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Af	46-58	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cf	58-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
10P4:								
Alpine-scrub gravelly circles, frozen	O	0-1	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	1-5	silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Bw/Cjj	5-23	cobbly sandy loam	10:10: 30	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:20: 30	cobbles			
	2C/Bwjj	23-120	cobbly sandy loam	10:10: 35	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:20: 30	cobbles			
	2Cf	120-150	gravelly sandy loam	10:25: 35	gravel	45:55: 80	10:40: 45	0: 5: 10
				0: 5: 30	cobbles			
Alpine-scrub mosaic gravelly slopes	Oe	0-2	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	2-8	silt loam	0: 0: 5	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Bw	8-48	very gravelly sandy loam	20:30: 50	gravel	50:65: 75	20:30: 40	0: 5: 10
				0:10: 15	cobbles			
	2C	48-150	extremely gravelly loamy coarse sand	25:50: 65	gravel	70:76: 90	5:19: 30	0: 5: 5
				0:10: 20	cobbles			
Alpine-scrub-sedge gravelly slopes, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A	20-30	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cg	30-54	very gravelly sandy loam	20:35: 55	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:10: 25	cobbles			
	2Cgf	54-150	very gravelly sandy loam	20:35: 55	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:10: 25	cobbles			
10SU:								
Alpine-tussock-scrub silty loess slopes, frozen	Oi and Oe	0-22	peat	0: 0: 0	---	---	---	---
	A	22-30	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg/Oajj	30-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Alpine-scrub-sedge gravelly slopes, frozen	Oi and Oe	0-20	peat	0: 0: 0	---	---	---	---
	A	20-30	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cg	30-54	very gravelly sandy loam	20:35: 55	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:10: 25	cobbles			
	2Cgf	54-150	very gravelly sandy loam	20:35: 55	gravel	45:55: 80	10:40: 45	0: 5: 10
				0:10: 25	cobbles			
10TS:								
Boreal-taiga high elevation silty loess slopes, frozen	Oi and Oe	0-21	peat	0: 0: 0	---	---	---	---
	A	21-27	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg	27-49	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	49-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga/tussock high elevation silty frozen loess slopes, Alaska Mountains	Oi and Oe	0-22	peat	0: 0: 0	---	---	---	---
	A	22-30	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg/Oajj	30-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
10TS1:								
Boreal-taiga gravelly slopes, frozen	Oi and Oe	0-29	peat	0: 0: 0	---	---	---	---
	A	29-33	mucky silt loam	0: 0: 2	gravel	15:30: 35	55:65: 75	0: 5: 10
	2Cg	33-51	very gravelly loam	10:25: 45	gravel	45:50: 80	10:40: 45	0:10: 15
				0:10: 20	cobbles			
	2Cgf	51-150	very gravelly loam	10:25: 45	gravel	45:50: 80	10:40: 45	0:10: 15
				0:10: 20	cobbles			
Boreal-taiga/tussock high elevation silty frozen loess slopes, Alaska Mountains	Oi and Oe	0-22	peat	0: 0: 0	---	---	---	---
	A	22-30	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg/Oajj	30-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
10V2:								
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	Oi and Oe	0-22	peat	0: 0: 0	---	---	---	---
	A	22-30	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg/Oajj	30-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Boreal-taiga high elevation loamy terraces, frozen	Oi	0-27	peat	0: 0: 0	---	---	---	---
	Cg	27-72	stratified gravelly sand to silt	0: 5: 20 0: 0: 5	gravel cobbles	55:65: 75	20:30: 40	0: 5: 5
	Cgf	72-150	stratified gravelly sand to silt	0: 5: 65 0: 5: 35	gravel cobbles	55:65: 95	5:30: 40	0: 5: 5
11FP:								
Boreal-riparian forested loamy high flood plains	Oi	0-7	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	7-17	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	C	17-43	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	43-150	very cobbly sand	20:30: 65 0:20: 25	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
Boreal-riparian scrub gravelly flood plains, moderately wet	AC	0-12	stratified sand to silt	0: 0: 2 0: 0: 2	gravel cobbles	60:65: 85	10:30: 35	0: 5: 10
	2C	12-150	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
Boreal-riparian scrub gravelly flood plains	O	0-2	slightly decomposed plant material	0: 5: 10 0: 5: 10	gravel cobbles	---	---	---
	AC	2-10	stratified fine sand to silt	0: 0: 10	cobbles	60:65: 85	10:30: 35	0: 5: 10
	2C	10-150	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
11P:								
Alpine-tussock-scrub silty loess slopes, frozen	Oi and Oe	0-22	peat	0: 0: 0	---	---	---	---
	A	22-30	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg/Oajj	30-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
11P1:								
Alpine-tussock-scrub silty loess slopes, frozen	Oi and Oe	0-22	peat	0: 0: 0	---	---	---	---
	A	22-30	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg/Oajj	30-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
Alpine-scrub organic mounds, frozen	Oi and Oe	0-45	peat	0: 0: 0	---	---	---	---
	Oef	45-150	mucky peat	0: 0: 0	---	---	---	---
Alpine-sedge bog organic depressions, frozen	Oi	0-63	peat	0: 0: 0	---	---	---	---
	A/Cgf	63-150	mucky silt loam, silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
11ST:								
Boreal-riparian forested loamy high flood plains	Oi	0-7	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	7-17	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	C	17-43	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	43-150	very cobbly sand	20:30: 65	gravel	80:90: 95	0: 8: 15	0: 2: 5
				0:20: 25	cobbles			
Boreal-taiga high elevation loamy terraces, frozen	Oi	0-27	peat	0: 0: 0	---	---	---	---
	Cg	27-72	stratified gravelly sand to silt	0: 5: 20	gravel	55:65: 75	20:30: 40	0: 5: 5
				0: 0: 5	cobbles			
	Cgf	72-150	stratified gravelly sand to silt	0: 5: 65	gravel	55:65: 95	5:30: 40	0: 5: 5
				0: 5: 35	cobbles			
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	Oi and Oe	0-22	peat	0: 0: 0	---	---	---	---
	A	22-30	mucky silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cg/Oajj	30-61	silt loam, muck	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
	Cgf	61-150	silt loam	0: 0: 0	---	15:30: 35	55:65: 75	0: 5: 10
12B:								
Boreal-sedge bog organic depressions	Oi1	0-42	peat	0: 0: 0	---	---	---	---
	Oi2	42-150	peat	0: 0: 0	---	---	---	---
Boreal-woodland bog organic depressions	Oi	0-28	peat	0: 0: 0	---	---	---	---
	Oe	28-132	mucky peat	0: 0: 0	---	---	---	---
	Oa/C	132-150	muck, fine sandy loam	0: 0: 0	---	50:60: 70	30:38: 45	0: 2: 5
12HS2:								
Boreal-forested silty till slopes, ash influenced, warm	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	4-10	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	E	10-14	silt loam	0: 0: 3	f gravel	20:30: 40	50:60: 70	5:10: 15
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	Bhs	14-24	very fine sandy loam	0: 0: 3	f gravel	40:55: 60	25:40: 45	0: 5: 10
				0: 0: 3	m&c gravel			
				0: 0: 3	cobbles			
	2Bs	24-52	very cobbly sandy loam	15:20: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:15: 30	cobbles			
	2C	52-150	very cobbly sandy loam	15:20: 40	gravel	50:65: 70	20:30: 40	0: 5: 10
				5:15: 30	cobbles			
Boreal-forested silty wet till slopes, ash influenced	Oi	0-4	slightly decomposed plant material	0: 0: 0	---	---	---	---
	A	4-40	silt loam	0: 2: 3	gravel	15:20: 35	60:75: 80	0: 5: 10
				0: 2: 3	cobbles			
				0: 0: 5	stones			
	A/Cg	40-78	silt loam	0: 2: 5	gravel	35:45: 60	35:50: 70	0: 5: 10
				0: 2: 5	cobbles			
				0: 0: 5	stones			
	2C	78-150	cobbly loam	0: 5: 30	gravel	35:45: 60	35:45: 55	0:10: 10
				0:10: 15	cobbles			
				0: 0: 5	stones			
Boreal-sedge bog organic depressions	Oi1	0-42	peat	0: 0: 0	---	---	---	---
	Oi2	42-150	peat	0: 0: 0	---	---	---	---

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
13F21:								
Subalpine-riparian scrub gravelly diorite flood plains, moderately wet	AC	0-15	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
	C	15-150	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
Alpine-riparian scrub loamy diorite low flood plains, wet	O	0-9	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	9-12	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	Cg	12-33	stratified sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	33-150	extremely gravelly coarse sand	20:45: 65 0:20: 25	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
Subalpine-riparian wet meadow organic depressions	Oi	0-68	peat	0: 0: 0	---	---	---	---
	Cg	68-100	silt loam	0: 0: 0	---	15:30: 45	45:65: 75	0: 5: 10
	2C	100-150	extremely cobbly sand	35:40: 60 0:30: 35	gravel cobbles	75:90: 95	0: 5: 15	0: 5: 5
13F22:								
Alpine-riparian scrub gravelly diorite flood plains	AC	0-8	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
	C	8-150	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
Alpine-riparian scrub loamy diorite low flood plains, wet	O	0-9	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	9-12	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	Cg	12-33	stratified sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	33-150	extremely gravelly coarse sand	20:45: 65 0:20: 25	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
13FP:								
Boreal-riparian forested gravelly high flood plains, Cook Inlet	O	0-3	moderately decomposed plant material	0: 0: 0	---	---	---	---
	AC	3-16	stratified sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	16-150	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
Boreal-riparian scrub gravelly flood plains, moderately wet and warm	AC	0-15	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
	C	15-150	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
13FP2:								
Boreal-riparian forested hardwood gravelly flood plains	Oi	0-1	moderately decomposed plant material	0: 0: 0	---	---	---	---
	AC	1-7	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
	C	7-150	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	80:90: 95	0: 8: 15	0: 2: 5
Boreal-riparian scrub gravelly flood plains, moderately wet and warm	AC	0-15	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
	C	15-150	extremely cobbly coarse sand	35:40: 60 0:30: 35	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
13FPW:								
Boreal-riparian scrub loamy wet flood plains, Cook Inlet	O	0-4	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	4-16	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	Cg	16-56	stratified sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	56-150	extremely gravelly coarse sand	20:45: 65 0:20: 25	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5

Table 9. Soil Texture and Particle Size Data—Continued

Map symbol and common component name	Horizon	Depth	Representative texture	Rock fragments >=2.0 mm		Fine earth fraction <2.0 mm		
				lo:rv: hi	Kind	Sand lo:rv: hi	Silt lo:rv: hi	Clay lo:rv: hi
		cm		Pct.		Pct.	Pct.	Pct.
13FPW:								
Boreal-riparian forested loamy wet flood plains, Cook Inlet	O	0-4	moderately decomposed plant material	0: 0: 0	---	---	---	---
	A	4-22	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	Cg	22-86	stratified sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	86-150	extremely gravelly coarse sand	20:45: 65 0:20: 25	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5
Subalpine-riparian wet meadow organic depressions	Oi	0-68	peat	0: 0: 0	---	---	---	---
	Cg	68-100	silt loam	0: 0: 0	---	15:30: 45	45:65: 75	0: 5: 10
	2C	100-150	extremely cobbly sand	35:40: 60 0:30: 35	gravel cobbles	75:90: 95	0: 5: 15	0: 5: 5
13FWW:								
Boreal-riparian scrub organic flood plains, wet	OiCg	0-63	peat	0: 0: 0	---	---	---	0:
	Cg	63-150	silt loam	0: 0: 0	---	15:30: 45	45:65: 75	0: 5: 10
Boreal-riparian wet meadow organic flood plains, Cook Inlet	OiCg	0-63	peat	0: 0: 0	---	---	---	---
	Cg	63-150	stratified fine sand to silt	0: 0: 0	---	15:50: 55	35:45: 75	0: 5: 10
Boreal-riparian forested loamy wet flood plains, Cook Inlet	O	0-2	slightly decomposed plant material	0: 0: 0	---	---	---	---
	AC	2-33	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	Cg	33-54	stratified fine sand to silt	0: 0: 5	gravel	60:65: 85	10:30: 35	0: 5: 10
	2C	54-150	extremely gravelly coarse sand	20:45: 65 0:20: 25	gravel cobbles	75:90: 95	0: 8: 15	0: 2: 5

Table 10. Chemical Properties of the Soils

(Absence of an entry indicates that data were not estimated.)

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
1FP:					
Boreal-riparian forested loamy wet flood plains, frozen	0-20	---	10-20	3.2-6.2	0
	20-41	20-30	---	6.1-7.2	0
	41-150	20-30	---	6.1-7.2	0
Boreal-riparian forested loamy flood plains, moderately wet	0-2	60-95	---	6.2-7.8	0
	2-33	16-24	---	6.6-8.2	0-1
	33-54	16-24	---	6.8-8.4	0
	54-150	2.0-10	---	6.8-8.2	0
Boreal-riparian forested loamy flood plains, Yukon-Kuskokwim	0-5	---	20-40	4.4-5.6	0
	5-25	15-25	---	5.0-6.8	0
	25-92	5.0-15	---	5.8-7.6	0-1
	92-150	2.0-10	---	6.0-7.4	0-1
1FP2:					
Boreal-taiga deep loamy terraces, frozen	0-22	---	20-40	3.6-4.5	0
	22-31	---	10-20	3.8-5.0	0
	31-53	16-24	---	5.0-6.6	0
	53-150	1.0-4.0	---	5.2-7.2	0
Boreal-riparian forested loamy flood plains	0-5	---	20-40	4.4-5.6	0
	5-25	15-25	---	5.0-6.8	0
	25-92	5.0-15	---	5.8-7.6	0-1
	92-150	2.0-10	---	6.0-7.4	0-1
1FP4:					
Boreal-riparian forested loamy wet flood plains, frozen	0-20	---	10-20	3.2-6.2	0
	20-41	20-30	---	6.1-7.2	0
	41-150	20-30	---	6.1-7.2	0
Boreal-riparian forested loamy flood plains, frozen	0-8	---	20-40	2.8-5.0	0
	8-21	---	16-24	3.7-5.2	0
	21-78	20-30	---	4.8-6.9	0
	78-150	16-24	---	5.6-8.0	0-1
Boreal-riparian wet meadow organic depressions	0-56	60-95	---	5.6-7.4	0
	56-150	12-20	---	5.2-7.8	0-1
1FW1:					
Boreal-taiga deep loamy terraces, frozen	0-22	---	20-40	3.6-4.5	0
	22-31	---	10-20	3.8-5.0	0
	31-53	16-24	---	5.0-6.6	0
	53-150	1.0-4.0	---	5.2-7.2	0
Boreal-taiga/tussock silty terraces, frozen	0-48	---	20-40	3.0-5.2	0
	48-64	16-24	---	4.5-6.2	0
	64-150	12-20	---	4.5-6.2	0
Boreal-taiga loamy channels, frozen	0-24	---	20-40	4.0-5.3	0
	24-31	12-20	---	5.2-6.8	0
	31-53	20-30	---	5.2-6.8	0
	53-150	16-24	---	5.0-6.0	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
1ST:					
Boreal-taiga silty loess slopes, frozen	0-23	---	20-40	3.5-4.8	0
	23-39	---	8.0-15	3.9-5.7	0
	39-150	12-20	---	5.0-6.6	0
Boreal-riparian forested loamy flood plains, frozen	0-8	---	20-40	2.8-5.0	0
	8-21	---	16-24	3.7-5.2	0
	21-78	20-30	---	4.8-6.9	0
	78-150	16-24	---	5.6-8.0	0-1
Boreal-riparian wet meadow organic depressions	0-56	60-95	---	5.6-7.4	0
	56-150	12-20	---	5.2-7.8	0-1
1ST1:					
Boreal-taiga deep loamy terraces, frozen	0-22	---	20-40	3.6-4.5	0
	22-31	---	10-20	3.8-5.0	0
	31-53	16-24	---	5.0-6.6	0
	53-150	1.0-4.0	---	5.2-7.2	0
Boreal-taiga/tussock silty terraces, frozen	0-48	---	20-40	3.0-5.2	0
	48-64	16-24	---	4.5-6.2	0
	64-150	12-20	---	4.5-6.2	0
Boreal-riparian wet meadow organic depressions	0-56	60-95	---	5.6-7.4	0
	56-150	12-20	---	5.2-7.8	0-1
1STW:					
Boreal-taiga/tussock silty terraces, frozen	0-48	---	20-40	3.0-5.2	0
	48-64	16-24	---	4.5-6.2	0
	64-150	12-20	---	4.5-6.2	0
Boreal-taiga loamy channels, frozen	0-24	---	20-40	4.0-5.3	0
	24-31	12-20	---	5.2-6.8	0
	31-53	20-30	---	5.2-6.8	0
	53-150	16-24	---	5.0-6.0	0
Boreal-taiga deep loamy terraces, frozen	0-22	---	20-40	3.6-4.5	0
	22-31	---	10-20	3.8-5.0	0
	31-53	16-24	---	5.0-6.6	0
	53-150	1.0-4.0	---	5.2-7.2	0
1STW2:					
Boreal-taiga gravelly alluvial plains, wet	0-43	60-95	---	5.6-7.4	0-1
	43-150	1.0-4.0	---	6.4-7.4	0-1
Boreal-riparian scrub silty drains, frozen	0-24	---	20-40	3.3-5.2	0
	24-99	---	20-30	4.5-5.3	0
	99-150	---	8-15	4.8-6.0	0
Boreal-riparian fen organic depressions	0-54	60-95	---	6.2-7.9	0-1
	54-130	16-24	---	6.0-7.6	0-1
	130-150	1.0-4.0	---	7.1-7.8	0-1
2FG:					
Boreal-taiga/tussock silty terraces, frozen	0-48	---	20-40	3.0-5.2	0
	48-64	16-24	---	4.5-6.2	0
	64-150	12-20	---	4.5-6.2	0
Boreal-taiga peat plateaus, frozen	0-45	---	20-40	3.2-4.9	0
	45-150	---	20-40	4.2-5.2	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
2FP2:					
Boreal-riparian forested loamy schist flood plains	0-5	---	20-40	3.9-5.0	0
	5-11	---	8.0-15	3.9-4.7	0
	11-73	10-16	---	4.7-5.8	0
	73-150	1.0-4.0	---	5.8-6.4	0
Boreal-riparian scrub loamy schist flood plains	0-9	---	20-40	4.4-5.7	0
	9-25	16-24	---	5.1-5.7	0
	25-66	16-24	---	5.6-6.1	0
	66-150	1.0-4.0	---	5.8-6.8	0
Boreal-riparian forested gravelly flood plains	0-4	60-95	---	4.3-6.7	0
	4-8	16-24	---	5.1-7.4	0-1
	8-19	1.0-4.0	---	6.8-7.8	0-1
	19-150	1.0-4.0	---	7.4-8.3	0-1
2FP3:					
Boreal-riparian forested loamy flood plains, Yukon-Kuskokwim	0-5	---	20-40	4.4-5.6	0
	5-25	15-25	---	5.0-6.8	0
	25-92	5.0-15	---	5.8-7.6	0-1
	92-150	2.0-10	---	6.0-7.4	0-1
Boreal-riparian forested loamy flood plains, moderately wet	0-2	60-95	---	6.2-7.8	0
	2-33	16-24	---	6.6-8.2	0-1
	33-54	16-24	---	6.8-8.4	0
	54-150	2.0-10	---	6.8-8.2	0
Boreal-riparian forested gravelly flood plains	0-4	60-95	---	4.3-6.7	0
	4-8	16-24	---	5.1-7.4	0-1
	8-19	1.0-4.0	---	6.8-7.8	0-1
	19-150	1.0-4.0	---	7.4-8.3	0-1
2FW2:					
Boreal-taiga deep loamy terraces, frozen	0-22	---	20-40	3.6-4.5	0
	22-31	---	10-20	3.8-5.0	0
	31-53	16-24	---	5.0-6.6	0
	53-150	1.0-4.0	---	5.2-7.2	0
Boreal-taiga loamy channels, frozen	0-24	---	20-40	4.0-5.3	0
	24-31	12-20	---	5.2-6.8	0
	31-53	20-30	---	5.2-6.8	0
	53-150	16-24	---	5.0-6.0	0
2P:					
Boreal-taiga silty outwash plains, frozen	0-28	---	20-40	3.6-4.5	0
	28-86	---	8.0-15	5.1-6.2	0
	86-150	---	8.0-15	5.2-6.4	0
2ST:					
Boreal-forested gravelly terraces	0-10	---	20-40	4.0-6.1	0
	10-20	---	8.0-15	4.1-5.6	0
	20-29	1.0-4.0	---	5.2-6.2	0
	29-150	1.0-4.0	---	5.6-7.4	0
Boreal-taiga loamy terraces, frozen	0-37	---	20-40	3.6-5.0	0
	37-41	---	10-20	4.1-5.6	0
	41-44	16-24	---	5.4-6.4	0
	44-90	16-24	---	5.4-6.4	0
	90-150	1.0-4.0	---	5.4-7.6	0-1

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
2ST2:					
Boreal-riparian forested gravelly high flood plains, Kuskokwim Plains	0-4	60-95	---	4.3-6.7	0
	4-8	16-24	---	5.1-7.4	0-1
	8-19	1.0-4.0	---	6.8-7.8	0-1
	19-150	1.0-4.0	---	7.4-8.3	0-1
Boreal-riparian forested gravelly flood plains	0-4	60-95	---	4.3-6.7	0
	4-8	16-24	---	5.1-7.4	0-1
	8-19	1.0-4.0	---	6.8-7.8	0-1
	19-150	1.0-4.0	---	7.4-8.3	0-1
3BG:					
Boreal-loamy wet meadows	0-8	---	20-40	3.0-4.0	0
	8-28	---	8.0-20	4.0-5.0	0
	28-150	---	10-20	4.2-5.4	0
Boreal-bog organic depressions	0-63	---	20-40	3.8-4.5	0
	63-143	---	---	---	---
	143-150	---	20-40	4.0-5.0	0
3C:					
Boreal-taiga/tussock silty colluvial slopes, frozen	0-40	---	20-40	3.3-5.2	0
	40-77	---	10-20	4.5-5.3	0
	77-150	---	8.0-15	4.8-5.6	0
Boreal-taiga silty colluvial slopes, frozen	0-23	---	20-40	3.5-4.8	0
	23-35	---	8.0-20	4.9-5.7	0
	35-58	12-20	---	5.0-6.6	0
	58-150	12-20	---	5.0-6.6	0
3DH:					
Boreal-taiga/tussock silty loess slopes, frozen	0-40	---	20-40	3.3-5.2	0
	40-61	---	20-30	4.5-5.3	0
	61-150	---	8.0-15	4.8-5.6	0
Boreal-taiga silty loess slopes, frozen	0-23	---	20-40	3.5-4.8	0
	23-39	---	8.0-15	3.9-5.7	0
	39-150	12-20	---	5.0-6.6	0
Boreal-taiga/tussock silty colluvial slopes, frozen	0-40	---	20-40	3.3-5.2	0
	40-77	---	10-20	4.5-5.3	0
	77-150	---	8.0-15	4.8-5.6	0
3FG:					
Boreal-taiga/tussock silty loess slopes, frozen	0-40	---	20-40	3.3-5.2	0
	40-61	---	20-30	4.5-5.3	0
	61-150	---	8.0-15	4.8-5.6	0
Boreal-taiga silty loess slopes, frozen	0-23	---	20-40	3.5-4.8	0
	23-39	---	8.0-15	3.9-5.7	0
	39-150	12-20	---	5.0-6.6	0
3FG3:					
Boreal-taiga silty loess slopes, frozen	0-23	---	20-40	3.5-4.8	0
	23-39	---	8.0-15	3.9-5.7	0
	39-150	12-20	---	5.0-6.6	0
Boreal-taiga/tussock silty loess slopes, frozen	0-40	---	20-40	3.3-5.2	0
	40-61	---	20-30	4.5-5.3	0
	61-150	---	8.0-15	4.8-5.6	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
3FG3:					
Boreal-taiga peat plateaus, frozen	0-45	---	20-40	3.2-4.9	0
	45-150	---	20-40	4.2-5.2	0
3FP1:					
Boreal-riparian forested loamy flood plains, Yukon-Kuskokwim	0-5	---	20-40	4.4-5.6	0
	5-25	15-25	---	5.0-6.8	0
	25-92	5.0-15	---	5.8-7.6	0-1
	92-150	2.0-10	---	6.0-7.4	0-1
Boreal-taiga loamy terraces, frozen	0-37	---	20-40	3.6-5.0	0
	37-41	---	10-20	4.1-5.6	0
	41-44	16-24	---	5.4-6.4	0
	44-90	16-24	---	5.4-6.4	0
	90-150	1.0-4.0	---	5.4-7.6	0-1
Boreal-riparian forested loamy flood plains, moderately wet	0-2	60-95	---	6.2-7.8	0
	2-33	16-24	---	6.6-8.2	0-1
	33-54	16-24	---	6.8-8.4	0
	54-150	2.0-10	---	6.8-8.2	0
3FP3:					
Boreal-taiga/tussock mica rich silty terraces, frozen	0-38	---	20-40	3.0-5.2	0
	38-48	16-24	---	4.5-6.2	0
	48-150	12-20	---	4.5-6.2	0
Boreal-riparian forested mica-rich loamy flood plains, frozen	0-8	---	20-40	2.8-5.0	0
	8-21	---	16-24	3.7-5.2	0
	21-78	20-30	---	4.8-6.9	0
	78-150	16-24	---	5.6-8.0	0-1
Boreal-taiga mica rich loamy channels, frozen	0-24	---	20-40	4.0-5.3	0
	24-31	12-20	---	5.2-6.8	0
	31-53	20-30	---	5.2-6.8	0
	53-150	16-24	---	5.0-6.0	0
3FU:					
Boreal-taiga silty loess slopes, frozen	0-23	---	20-40	3.5-4.8	0
	23-39	---	8.0-15	3.9-5.7	0
	39-150	12-20	---	5.0-6.6	0
Boreal-taiga/tussock silty loess slopes, frozen	0-40	---	20-40	3.3-5.2	0
	40-61	---	20-30	4.5-5.3	0
	61-150	---	8.0-15	4.8-5.6	0
3FU2:					
Boreal-taiga peat plateaus, frozen	0-45	---	20-40	3.2-4.9	0
	45-150	---	20-40	4.2-5.2	0
Boreal-taiga/tussock silty loess slopes, frozen	0-40	---	20-40	3.3-5.2	0
	40-61	---	20-30	4.5-5.3	0
	61-150	---	8.0-15	4.8-5.6	0
Boreal-taiga silty loess slopes, frozen	0-23	---	20-40	3.5-4.8	0
	23-39	---	8.0-15	3.9-5.7	0
	39-150	12-20	---	5.0-6.6	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
3FU3:					
Boreal-taiga loamy eolian slopes, frozen	0-29	---	20-40	3.0-4.2	0
	29-40	---	10-20	3.9-5.2	0
	40-54	8.0-14	---	4.8-6.6	0
	54-150	8.0-14	---	4.8-6.6	0
Boreal-taiga/tussock loamy eolian slopes, frozen	0-24	---	20-40	3.0-4.2	0
	24-46	10-20	---	5.1-6.1	0
	46-58	10-20	---	5.4-6.6	0
	58-150	8.0-15	---	5.4-6.6	0
Boreal-forested sandy hills	0-7	---	20-40	3.3-4.1	0
	7-9	12-20	---	5.1-6.0	0
	9-16	12-20	---	4.1-5.7	0
	16-44	4.0-8.0	---	5.4-6.4	0
	44-150	4.0-8.0	---	5.4-6.4	0
3FU4:					
Boreal-taiga silty loess slopes, frozen	0-23	---	20-40	3.5-4.8	0
	23-39	---	8.0-15	3.9-5.7	0
	39-150	12-20	---	5.0-6.6	0
Boreal-taiga silty loess hills, frozen	0-23	---	20-40	3.5-4.8	0
	23-27	---	8.0-15	4.9-5.7	0
	27-39	12-20	---	5.0-6.6	0
	39-150	12-20	---	5.0-6.6	0
3Y:					
Boreal-taiga silty loess slopes, frozen	0-23	---	20-40	3.5-4.8	0
	23-39	---	8.0-15	3.9-5.7	0
	39-150	12-20	---	5.0-6.6	0
Boreal-taiga/tussock silty loess slopes, frozen	0-40	---	20-40	3.3-5.2	0
	40-61	---	20-30	4.5-5.3	0
	61-150	---	8.0-15	4.8-5.6	0
Boreal-taiga silty loess hills, frozen	0-23	---	20-40	3.5-4.8	0
	23-27	---	8.0-15	4.9-5.7	0
	27-39	12-20	---	5.0-6.6	0
	39-150	12-20	---	5.0-6.6	0
4BS:					
Boreal-taiga mica rich silt loess slopes	0-10	---	20-40	3.0-4.1	0
	10-19	---	8.0-15	3.3-4.9	0
	19-41	---	4.0-8.0	4.2-5.4	0
	41-84	---	4.0-8.0	4.6-5.6	0
	84-150	---	---	---	---
Boreal-taiga silty schist slopes, frozen	0-25	---	20-40	3.4-5.4	0
	25-35	---	8.0-20	4.1-5.4	0
	35-89	---	4.0-8.0	4.8-5.8	0
	89-150	---	---	---	---
4BSS:					
Boreal-forested mica rich silty loess slopes	0-6	---	20-40	3.0-3.8	0
	6-9	---	8.0-15	3.0-4.2	0
	9-56	---	8.0-15	4.2-5.5	0
	56-141	10-16	---	5.4-6.8	0
	141-150	---	---	---	---

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
4FS:					
Boreal-taiga mica rich silty colluvial slopes, frozen	0-23	---	20-40	3.5-4.8	0
	23-39	---	8.0-15	3.9-5.7	0
	39-150	12-20	---	5.0-6.6	0
4S1:					
Alpine-scrub gravelly schist circles, Kuskokwim Mountains	0-1	---	20-40	4.2-5.4	0
	1-3	---	8.0-15	4.2-5.6	0
	3-11	---	3.0-8.0	4.4-5.7	0
	11-150	4.0-10	---	4.8-5.9	0
	>150	---	---	---	---
Alpine-tussock-scrub mica rich silty slopes, Kuskokwim Mountains	0-31	---	20-40	3.3-5.2	0
	31-61	---	10-20	4.5-5.3	0
	61-150	---	8.0-15	4.8-5.6	0
Alpine-scrub-sedge gravelly schist hummocks, frozen	0-20	---	20-40	3.6-5.2	0
	20-34	---	8.0-20	4.4-5.3	0
	34-42	---	4.0-8.0	4.4-5.8	0
	42-150	---	4.0-8.0	4.5-6.0	0
4TS:					
Boreal-tussock-scrub mica rich silty loess slopes, frozen	0-40	---	20-40	3.3-5.2	0
	40-77	---	12-20	4.5-5.3	0
	77-150	---	8.0-15	4.8-5.6	0
Boreal-taiga mica rich silty frozen colluvial slopes, Kuskokwim Mountains	0-23	---	20-40	3.5-4.8	0
	23-35	---	8.0-20	4.9-5.7	0
	35-58	12-20	---	5.0-6.6	0
	58-150	12-20	---	5.0-6.6	0
5MS21:					
Boreal-forested silty schist slopes, wet	0-9	60-95	---	4.2-6.0	0
	9-18	12-20	---	5.5-7.4	0
	18-27	5.0-12	---	5.5-7.4	0
	27-103	4.0-10	---	5.7-7.4	0
	103-150	---	---	---	---
5MS21:					
Subalpine-scrub gravelly schist colluvial slopes	0-9	---	20-40	3.7-5.4	0
	9-30	---	8.0-20	3.7-5.8	0
	30-58	---	4.0-8.0	4.8-6.1	0
	58-84	4.0-10	---	5.0-6.4	0
	84-150	---	---	---	---
Boreal-taiga gravelly schist slopes, frozen	0-25	---	20-40	3.4-5.4	0
	25-35	---	8.0-20	4.1-5.4	0
	35-89	---	3.0-8.0	4.8-5.8	0
	89-150	---	---	---	---
5P1:					
Alpine-scrub gravelly schist circles, frozen	0-1	---	20-40	4.2-5.4	0
	1-3	---	8.0-15	4.2-5.8	0
	3-11	---	3.0-8.0	4.4-6.0	0
	11-150	4.0-10	---	4.8-6.5	0
	>150	---	---	---	---

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
5P1:					
Alpine-dwarf scrub gravelly schist steps and lobes	0-3	---	8.0-15	4.0-4.6	0
	3-45	---	4.0-8.0	4.2-5.2	0
	45-150	---	4.0-8.0	4.6-5.2	0
	>150	---	---	---	---
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen	0-17	60-95	---	5.7-6.9	0
	17-21	10-16	---	5.1-6.9	0
	21-130	4.0-10	---	5.6-6.9	0
	130-150	---	---	---	---
5SA1:					
Alpine-dwarf scrub gravelly schist colluvial slopes	0-2	---	4.0-8.0	4.0-5.2	0
	2-28	---	4.0-8.0	4.4-5.4	0
	28-86	---	4.0-8.0	4.7-5.8	0
	86-150	---	---	---	---
Alpine-dwarf scrub gravelly schist steps and lobes	0-3	---	8.0-15	4.0-4.6	0
	3-45	---	4.0-8.0	4.2-5.2	0
	45-150	---	4.0-8.0	4.6-5.2	0
	>150	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
5SA2:					
Alpine-scrub gravelly schist circles, frozen	0-1	---	20-40	4.2-5.4	0
	1-3	---	8.0-15	4.2-5.8	0
	3-11	---	3.0-8.0	4.4-6.0	0
	11-150	4.0-10	---	4.8-6.5	0
	>150	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly schist swales	0-3	60-95	---	4.1-6.0	0
	3-9	12-20	---	4.5-6.3	0
	9-124	4.0-8.0	---	5.2-6.8	0
	124-150	---	---	---	---
Alpine-scrub-sedge-gravelly schist hummocks, frozen	0-20	---	20-40	3.6-5.2	0
	20-34	---	8.0-20	4.4-5.3	0
	34-42	---	4.0-8.0	4.4-5.8	0
	42-150	---	4.0-8.0	4.5-6.0	0
5SA11:					
Alpine-scrub mosaic gravelly colluvial schist slopes	0-2	---	4.0-8.0	4.0-5.2	0
	2-28	---	4.0-8.0	4.4-5.4	0
	28-86	---	4.0-8.0	4.7-5.8	0
	86-150	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly schist swales	0-3	60-95	---	4.1-6.0	0
	3-9	12-20	---	4.5-6.3	0
	9-124	4.0-8.0	---	5.2-6.8	0
	124-150	---	---	---	---
Alpine-scrub gravelly schist colluvial slopes, thick surface	0-3	---	20-40	4.0-5.4	0
	3-8	---	8.0-15	3.8-5.1	0
	8-20	---	4.0-8.0	4.2-5.4	0
	20-150	4.0-10	---	5.0-6.2	0
	>150	---	---	---	---

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
5TS1:					
Alpine-scrub gravelly schist circles, frozen	0-1	---	20-40	4.2-5.4	0
	1-3	---	8.0-15	4.2-5.8	0
	3-11	---	3.0-8.0	4.4-6.0	0
	11-150	4.0-10	---	4.8-6.5	0
	>150	---	---	---	---
Alpine-scrub gravelly schist colluvial slopes, thick surface	0-3	---	20-40	4.0-5.4	0
	3-8	---	8.0-15	3.8-5.1	0
	8-20	---	4.0-8.0	4.2-5.4	0
	20-150	4.0-10	---	5.0-6.2	0
	>150	---	---	---	---
Alpine-scrub-sedge-gravelly schist hummocks, frozen	0-20	---	20-40	3.6-5.2	0
	20-34	---	8.0-20	4.4-5.3	0
	34-42	---	4.0-8.0	4.4-5.8	0
	42-150	---	4.0-8.0	4.5-6.0	0
5V1:					
Alpine-scrub gravelly schist terraces	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0
Alpine-scrub gravelly schist colluvial toeslopes, frozen	0-23	---	20-40	5.4-5.8	0
	23-31	---	8.0-15	3.7-5.8	0
	31-45	---	8.0-15	4.8-6.1	0
	45-150	---	8.0-15	4.8-6.1	0
Alpine-riparian scrub gravelly schist flood plains	0-7	---	20-40	4.0-5.6	0
	7-19	10-16	---	4.8-6.0	0
	19-150	1.0-4.0	---	5.2-6.6	0
5V2:					
Boreal-forested gravelly schist terraces	0-4	---	20-40	3.5-4.4	0
	4-9	---	8.0-15	3.8-5.0	0
	9-22	---	1.0-3.0	4.0-5.6	0
	22-37	---	1.0-3.0	4.4-5.6	0
	37-150	1.0-4.0	---	5.6-6.2	0
Boreal-riparian forested gravelly schist flood plains	0-3	60-95	---	5.4-6.4	0
	3-44	1.0-4.0	---	6.5-7.9	0-1
	44-150	1.0-4.0	---	6.5-7.9	0-1
7AF:					
Alpine-scrub silty fan terraces	0-7	---	20-40	4.0-5.5	0
	7-41	---	8.0-20	4.1-6.4	0
	41-150	1.0-4.0	---	5.3-7.3	0
Alpine-scrub gravelly terraces	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
7AF2:					
Alpine-scrub gravelly terraces	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0
Subalpine-riparian scrub gravelly fan terraces	0-2	65-95	---	6.0-7.7	0-1
	2-10	16-24	---	6.0-7.8	0-1
	10-150	1.0-4.0	---	6.2-8.4	0-1
7AFF:					
Boreal-woodland gravelly terraces	0-10	---	20-40	4.0-6.1	0
	10-20	---	8.0-15	4.1-5.6	0
	20-29	1.0-4.0	---	5.2-6.2	0
	29-150	1.0-4.0	---	5.6-7.4	0
Boreal-riparian forested loamy flood plains, very wet	0-4	---	20-40	5.4-6.6	0
	4-33	15-25	---	6.3-7.2	0
	33-56	2.0-10	---	6.4-7.4	0-1
	56-150	2.0-10	---	6.4-7.4	0-1
Boreal-taiga high elevation loamy terraces, frozen	0-27	---	20-40	4.2-6.6	0
	27-72	16-24	---	5.2-7.0	0
	72-150	16-24	---	5.6-7.0	0
7CE:					
Alpine-scrub gravelly moraines, calcareous	0-1	60-95	---	6.9-7.8	0-1
	1-9	4.0-10	---	7.1-8.0	0-2
	9-150	4.0-10	---	7.5-8.5	1-2
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
7CEF:					
Alpine-dwarf scrub gravelly diorite moraines	0-1	---	20-40	3.8-5.2	0
	1-7	6.0-12	---	4.5-6.2	0
	7-150	4.0-10	---	5.4-6.8	0
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
7ES:					
Boreal-forested gravelly colluvial slopes, dissected	0-5	---	20-40	5.2-6.0	0
	5-11	12-20	---	4.8-5.6	0
	11-32	4.0-10	---	5.4-6.0	0
	32-150	1.0-4.0	---	5.6-6.6	0
Alpine-scrub gravelly till slopes	0-5	---	20-40	3.7-4.9	0
	5-9	---	8.0-15	4.2-5.0	0
	9-10	---	8.0-15	4.2-5.0	0
	10-40	---	4.0-12	4.6-5.6	0
	40-150	4.0-10	---	5.0-6.2	0
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
7FGA:					
Alpine-tussock-scrub silty loess slopes, frozen	0-22	---	20-40	3.3-4.8	0
	22-30	---	10-20	3.9-5.4	0
	30-61	---	10-20	4.8-5.9	0
	61-150	---	8.0-15	4.8-5.9	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
7FGA:					
Alpine-scrub-sedge gravelly slopes, frozen	0-20	---	20-40	4.0-4.9	0
	20-30	16-24	---	4.9-5.7	0
	30-54	4.0-10	---	5.2-6.0	0
	54-150	4.0-10	---	5.2-6.0	0
7FP1:					
Boreal-riparian forested loamy high flood plains	0-7	---	20-40	5.1-6.5	0
	7-17	10-25	---	5.2-6.6	0
	17-43	10-25	---	5.9-7.6	0-1
	43-150	1.0-4.0	---	6.0-7.4	0-1
Boreal-riparian scrub gravelly flood plains, moderately wet	0-12	16-24	---	7.2-8.4	1-5
	12-150	1.0-4.0	---	7.2-8.4	1-5
Boreal-riparian scrub loamy flood plains	0-5	---	20-40	4.4-5.6	0
	5-25	15-25	---	6.9-7.4	0-1
	25-92	5.0-15	---	7.0-7.6	0-1
	92-150	2.0-10	---	7.4-7.9	0-1
7FP2:					
Alpine-riparian scrub gravelly flood plains, moderately wet	0-12	16-24	---	7.2-8.4	1-5
	12-150	1.0-4.0	---	7.2-8.4	1-5
Alpine-riparian scrub gravelly flood plains	0-5	60-95	---	6.0-7.7	0-1
	5-12	15-25	---	6.0-7.8	0-2
	12-150	1.0-4.0	---	6.2-8.4	0-2
Nonvegetated alluvium	---	---	---	---	---
7FP11:					
Boreal-riparian forested loamy flood plains, very wet	0-4	---	20-40	5.4-6.6	0
	4-33	15-25	---	6.3-7.2	0
	33-56	2.0-10	---	6.4-7.4	0-1
	56-150	2.0-10	---	6.4-7.4	0-1
Boreal-riparian forested gravelly high flood plains	0-9	---	20-40	4.5-5.9	0
	9-13	12-20	---	5.3-6.9	0
	13-150	1.0-4.0	---	6.3-7.6	0-1
Boreal-riparian scrub gravelly diorite flood plains, moderately wet	0-12	10-16	---	5.1-6.0	0
	12-150	1.0-4.0	---	5.8-6.4	0
7FP21:					
Alpine-scrub mosaic gravelly diorite terraces	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0
Alpine-riparian scrub gravelly diorite flood plains, moderately wet	0-12	10-16	---	5.8-6.4	0
	12-150	1.0-4.0	---	5.8-6.4	0
Alpine-scrub loamy terraces	0-5	---	20-40	3.6-4.8	0
	5-17	---	8.0-15	3.8-4.8	0
	17-23	---	8.0-15	3.9-4.8	0
	23-34	12-20	---	5.4-6.2	0
	34-150	1.0-4.0	---	5.9-6.9	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
7MFA:					
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen	0-21	60-95	---	4.7-6.7	0
	21-28	12-20	---	4.1-6.9	0
	28-51	4.0-10	---	5.3-6.6	0
	51-150	4.0-10	---	5.3-6.6	0
	>150	---	---	---	---
Alpine-scrub-meadow mosaic gravelly schist swales	0-6	60-95	---	4.4-5.9	0
	6-29	10-16	---	4.9-6.2	0
	29-87	3.0-8.0	---	5.2-6.6	0
	87-150	---	---	---	---
Alpine-dwarf scrub gravelly schist steps and lobes	0-3	---	8.0-15	4.0-4.6	0
	3-45	---	4.0-8.0	4.2-5.2	0
	45-150	---	4.0-8.0	4.6-5.2	0
	>150	---	---	---	---
7MS1D:					
Alpine-dwarf scrub dark gravelly colluvial slopes	0-3	60-95	---	4.2-7.4	0
	3-9	16-24	---	5.9-7.8	0-1
	9-48	12-20	---	6.0-8.2	0-2
	48-72	4.0-10	---	6.0-8.3	0-2
	72-150	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
Alpine-scrub gravelly colluvial slopes	0-7	---	20-40	3.8-5.9	0
	7-13	---	8.0-20	4.2-5.0	0
	13-44	---	3.0-8.0	4.3-5.6	0
	44-120	4.0-10	---	5.4-6.0	0
	120-150	---	---	---	---
7MS1L:					
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes	0-2	---	20-40	4.0-5.4	0
	2-6	---	8.0-15	4.0-5.4	0
	6-38	---	4.0-8.0	4.6-5.7	0
	38-150	4.0-10	---	5.0-6.2	0
	>150	---	---	---	---
Alpine-scrub gravelly colluvial slopes	0-7	---	20-40	3.8-5.9	0
	7-13	---	8.0-20	4.2-5.0	0
	13-44	---	3.0-8.0	4.3-5.6	0
	44-120	4.0-10	---	5.4-6.0	0
	120-150	---	---	---	---
7MS2:					
Boreal-forested gravelly till slopes, moderately wet	0-3	---	20-40	4.8-6.2	0
	3-38	16-24	---	4.9-6.2	0
	38-150	4.0-10	---	5.1-6.6	0
Boreal-forested gravelly warm till slopes	0-8	---	20-40	3.7-4.8	0
	8-12	---	8.0-15	4.3-4.8	0
	12-21	---	4.0-12	4.8-5.3	0
	21-150	4.0-10	---	5.8-7.0	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
7MS3:					
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	---	20-40	4.5-6.0	0
	29-32	---	10-20	4.6-6.0	0
	32-150	4.0-10	---	5.6-6.8	0
Alpine-scrub gravelly till circles, frozen	0-1	---	20-40	4.4-5.0	0
	1-4	---	8.0-15	4.4-5.6	0
	5-23	---	4.0-12	4.8-5.8	0
	23-120	---	4.0-12	5.2-6.4	0
	120-150	---	4.0-12	5.2-6.4	0
Subalpine-scrub-meadow mosaic gravelly till swales	0-8	---	20-40	4.8-6.2	0
	8-38	16-24	---	4.9-6.2	0
	38-69	4.0-10	---	5.1-6.6	0
	69-150	4.0-10	---	5.1-6.6	0
7MS4:					
Boreal-taiga loamy drift slopes, frozen	0-21	---	20-40	3.5-5.4	0
	21-28	16-24	---	5.5-5.9	0
	28-58	4.0-10	---	5.5-6.4	0
	58-150	4.0-10	---	5.7-6.7	0
7MS31:					
Alpine-dwarf scrub gravelly till slopes	0-3	---	20-40	3.9-5.3	0
	3-9	---	8.0-15	4.0-5.6	0
	9-38	---	4.0-12	4.8-5.9	0
	38-150	4.0-10	---	5.6-7.0	0
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	---	20-40	4.5-6.0	0
	29-32	---	10-20	4.6-6.0	0
	32-150	4.0-10	---	5.6-6.8	0
Alpine-scrub-meadow mosaic gravelly till swales	0-3	---	20-40	4.8-6.2	0
	3-21	12-20	---	4.9-6.2	0
	21-32	4.0-10	---	5.1-6.6	0
	32-150	4.0-10	---	5.1-6.6	0
7MSA:					
Alpine-dwarf scrub gravelly diorite colluvial slopes	0-3	---	20-40	3.8-4.9	0
	3-9	---	8.0-15	3.8-5.0	---
	9-34	---	4.0-12	4.2-5.5	---
	34-150	4.0-10	---	5.4-6.2	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
Alpine-dwarf scrub gravelly diorite colluvial slopes, moist	0-3	---	20-40	3.8-4.9	0
	3-9	---	8.0-15	3.8-5.0	---
	9-34	---	4.0-12	4.2-5.5	---
	34-150	4.0-10	---	5.4-6.2	---
7MSC:					
Alpine-dwarf scrub gravelly fan terraces	0-2	60-95	---	4.8-7.3	0
	2-8	12-20	---	4.9-7.4	0
	8-29	4.0-10	---	5.4-7.6	0-1
	29-150	4.0-10	---	6.0-8.0	0-1
Alpine-dwarf scrub-meadow mosaic gravelly fan swales	0-3	60-95	---	4.8-7.3	0
	3-10	12-20	---	4.9-7.4	0
	10-150	4.0-10	---	6.0-8.0	0-1

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
7MSC:					
Alpine-dwarf scrub gravelly colluvial slopes	0-2	---	20-40	4.0-5.4	0
	2-6	---	8.0-15	4.0-5.4	0
	6-38	---	4.0-8.0	4.6-5.7	0
	38-150	4.0-10	---	5.0-6.2	0
	>150	---	---	---	---
7MSHD:					
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
Alpine-dwarf scrub dark gravelly colluvial slopes	0-3	60-95	---	4.2-7.4	0
	3-9	16-24	---	5.9-7.8	0-1
	9-48	12-20	---	6.0-8.2	0-2
	48-72	4.0-10	---	6.0-8.3	0-2
	72-150	---	---	---	---
Alpine-dwarf scrub dark gravelly colluvial slopes, moist	0-3	60-95	---	4.2-7.4	0
	3-9	16-24	---	5.9-7.8	0-1
	9-48	12-20	---	6.0-8.2	0-2
	48-72	4.0-10	---	6.0-8.3	0-2
	72-150	---	---	---	---
7MSHL:					
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes	0-2	---	20-40	4.0-5.4	0
	2-6	---	8.0-15	4.0-5.4	0
	6-38	---	4.0-8.0	4.6-5.7	0
	38-150	4.0-10	---	5.0-6.2	0
	>150	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, moist	0-2	---	20-40	4.0-5.4	0
	2-6	---	8.0-15	4.0-5.4	0
	6-38	---	4.0-8.0	4.6-5.7	0
	38-150	4.0-10	---	5.0-6.2	0
	>150	---	---	---	---
7MSHS:					
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
Alpine-dwarf scrub gravelly schist colluvial slopes	0-2	---	4.0-8.0	4.0-5.2	0
	2-28	---	4.0-8.0	4.4-5.4	0
	28-86	---	4.0-8.0	4.7-5.8	0
	86-150	---	---	---	---
Alpine-dwarf scrub gravelly schist steps and lobes	0-3	---	8.0-15	4.0-4.6	0
	3-45	---	4.0-8.0	4.2-5.2	0
	45-150	---	4.0-8.0	4.6-5.2	0
	>150	---	---	---	---
7NG:					
Alpine-scrub mosaic gravelly slopes	0-2	---	20-40	4.0-4.8	0
	2-8	---	8.0-15	4.4-5.5	0
	8-48	4.0-10	---	5.3-6.0	0
	48-150	4.0-10	---	5.6-6.2	0
Alpine-scrub-sedge gravelly slopes, frozen	0-20	---	20-40	4.0-4.9	0
	20-30	16-24	---	4.9-5.7	0
	30-54	4.0-10	---	5.2-6.0	0
	54-150	4.0-10	---	5.2-6.0	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
7NG:					
Alpine-scrub gravelly circles, frozen	0-1	---	20-40	4.4-5.0	0
	1-5	---	8.0-15	4.4-5.6	0
	5-23	---	4.0-12	4.8-5.8	0
	23-120	---	4.0-12	4.5-6.4	0
	120-150	---	4.0-12	4.5-6.4	0
7NG2:					
Alpine-scrub gravelly slopes	0-5	---	20-40	3.7-4.9	0
	5-9	---	8.0-15	4.2-5.0	0
	9-10	---	8.0-15	4.2-5.0	0
	10-40	---	4.0-12	4.6-5.6	0
	40-150	4.0-10	---	5.0-6.2	0
Subalpine-scrub-meadow mosaic gravelly swales, Nenana Gravels	0-7	---	20-40	4.7-5.9	0
	7-28	16-24	---	4.9-6.3	0
	28-61	---	4.0-10	5.1-5.6	0
	61-150	4.0-10	---	5.4-6.6	0
Alpine-scrub-meadow mosaic gravelly till swales	0-3	---	20-40	4.8-6.2	0
	3-21	12-20	---	4.9-6.2	0
	21-32	4.0-10	---	5.1-6.6	0
	32-150	4.0-10	---	5.1-6.6	0
7P1:					
Alpine-scrub gravelly outwash slopes	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0
Alpine-scrub-sedge loamy terraces, frozen	0-21	60-95	---	4.9-6.0	0
	21-61	12-20	---	5.6-6.4	0
	61-150	1.0-4.0	---	5.6-6.4	0
Subalpine-scrub-meadow mosaic gravelly till swales	0-8	---	20-40	4.8-6.2	0
	8-38	16-24	---	4.9-6.2	0
	38-69	4.0-10	---	5.1-6.6	0
	69-150	4.0-10	---	5.1-6.6	0
7P2:					
Boreal-forested gravelly outwash slopes	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0
Boreal-meadow loamy outwash slope depressions	0-7	---	20-40	5.1-6.1	0
	7-33	---	8.0-15	5.4-6.4	0
	33-150	1.0-4.0	---	5.9-6.4	0
7P4:					
Boreal-forested gravelly till slopes	0-5	---	20-40	3.7-4.9	0
	5-9	---	8.0-15	4.2-5.0	0
	9-10	---	8.0-15	4.2-5.0	0
	10-40	---	1.0-3.0	4.6-5.6	0
	40-150	1.0-4.0	---	5.0-6.2	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
7P4:					
Boreal-taiga loamy drift slopes, frozen	0-21	---	20-40	3.5-5.4	0
	21-28	16-24	---	5.5-5.9	0
	28-58	4.0-10	---	5.5-6.4	0
	58-150	4.0-10	---	5.7-6.7	0
Boreal-forested gravelly outwash slopes	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0
7P6:					
Boreal-taiga high elevation loamy terraces, frozen	0-27	---	20-40	4.2-6.6	0
	27-72	16-24	---	5.2-7.0	0
	72-150	16-24	---	5.6-7.0	0
Boreal-woodland gravelly terraces	0-10	---	20-40	4.0-6.1	0
	10-20	---	8.0-15	4.1-5.6	0
	20-29	1.0-4.0	---	5.2-6.2	0
	29-150	1.0-4.0	---	5.6-7.4	0
7SA1:					
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
Alpine-dwarf scrub dark gravelly colluvial slopes	0-3	60-95	---	4.2-7.4	0
	3-9	16-24	---	5.9-7.8	0-1
	9-48	12-20	---	6.0-8.2	0-2
	48-72	4.0-10	---	6.0-8.3	0-2
	72-150	---	---	---	---
Alpine-scrub gravelly colluvial slopes	0-7	---	20-40	3.8-5.9	0
	7-13	---	8.0-20	4.2-5.0	0
	13-44	---	3.0-8.0	4.3-5.6	0
	44-120	4.0-10	---	5.4-6.0	0
	120-150	---	---	---	---
7SA3:					
Subalpine-scrub-meadow mosaic gravelly till swales	0-8	---	20-40	4.8-6.2	0
	8-38	16-24	---	4.9-6.2	0
	38-69	4.0-10	---	5.1-6.6	0
	69-150	4.0-10	---	5.1-6.6	0
Alpine-scrub gravelly till slopes, frozen	0-18	---	20-40	3.6-5.5	0
	18-26	---	10-20	4.4-5.6	0
	26-78	6.0-12	---	5.4-6.2	0
	78-96	4.0-10	---	5.4-6.2	0
	96-150	4.0-10	---	5.4-6.2	0
Alpine-scrub gravelly till slopes	0-5	---	20-40	3.7-4.9	0
	5-9	---	8.0-15	4.2-5.0	0
	9-10	---	8.0-15	4.2-5.0	0
	10-40	---	4.0-12	4.6-5.6	0
	40-150	4.0-10	---	5.0-6.2	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
7SA31:					
Subalpine-scrub gravelly colluvial slopes	0-3	---	20-40	3.5-4.4	0
	3-11	---	8.0-15	3.7-4.5	0
	11-26	---	3.0-8.0	4.6-5.5	0
	26-88	---	3.0-8.0	4.6-5.5	0
	88-150	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly till swales	0-8	---	20-40	4.8-6.2	0
	8-38	16-24	---	4.9-6.2	0
	38-69	4.0-10	---	5.1-6.6	0
	69-150	4.0-10	---	5.1-6.6	0
Alpine-scrub gravelly till slopes	0-5	---	20-40	3.7-4.9	0
	5-9	---	8.0-15	4.2-5.0	0
	9-10	---	8.0-15	4.2-5.0	0
	10-40	---	4.0-12	4.6-5.6	0
	40-150	4.0-10	---	5.0-6.2	0
7ST:					
Alpine-scrub gravelly terraces	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0
Alpine-scrub loamy terraces	0-5	---	20-40	3.6-4.8	0
	5-17	---	8.0-15	3.8-4.8	0
	17-23	---	8.0-15	3.9-4.8	0
	23-34	12-20	---	5.4-6.2	0
	34-150	1.0-4.0	---	5.9-6.9	0
7STF:					
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	0-22	---	20-40	4.4-6.0	0
	22-30	16-24	---	5.5-6.0	0
	30-61	20-30	---	5.8-6.6	0
	61-150	12-20	---	5.8-6.6	0
Boreal-taiga high elevation loamy terraces, frozen	0-27	---	20-40	4.2-6.6	0
	27-72	16-24	---	5.2-7.0	0
	72-150	16-24	---	5.6-7.0	0
7TM:					
Alpine-dwarf scrub gravelly till slopes	0-3	---	20-40	3.9-5.3	0
	3-9	---	8.0-15	4.0-5.6	0
	9-38	---	4.0-12	4.8-5.9	0
	38-150	4.0-10	---	5.6-7.0	0
Alpine-scrub gravelly till circles, frozen	0-1	---	20-40	4.4-5.0	0
	1-4	---	8.0-15	4.4-5.6	0
	5-23	---	4.0-12	4.8-5.8	0
	23-120	---	4.0-12	5.2-6.4	0
	120-150	---	4.0-12	5.2-6.4	0
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	---	20-40	4.5-6.0	0
	29-32	---	10-20	4.6-6.0	0
	32-150	4.0-10	---	5.6-6.8	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
7TM1:					
Alpine-dwarf scrub gravelly till steps and lobes	0-5	60-95	---	4.7-5.8	0
	5-8	12-20	---	4.7-5.8	0
	8-38	4.0-10	---	4.9-5.9	0
	38-150	4.0-10	---	5.4-6.4	0
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	---	20-40	4.5-6.0	0
	29-32	---	10-20	4.6-6.0	0
	32-150	4.0-10	---	5.6-6.8	0
Alpine-scrub-meadow mosaic gravelly till swales	0-3	---	20-40	4.8-6.2	0
	3-21	12-20	---	4.9-6.2	0
	21-32	4.0-10	---	5.1-6.6	0
	32-150	4.0-10	---	5.1-6.6	0
7TM2:					
Alpine-scrub gravelly till slopes, frozen	0-18	---	20-40	3.6-5.5	0
	18-26	---	10-20	4.4-5.6	0
	26-78	6.0-12	---	5.4-6.2	0
	78-96	4.0-10	---	5.4-6.2	0
	96-150	4.0-10	---	5.4-6.2	0
Alpine-dwarf scrub gravelly till slopes	0-3	---	20-40	3.9-5.3	0
	3-9	---	8.0-15	4.0-5.6	0
	9-38	---	4.0-12	4.8-5.9	0
	38-150	4.0-10	---	5.6-7.0	0
Subalpine-scrub-meadow mosaic gravelly till swales	0-8	---	20-40	4.8-6.2	0
	8-38	16-24	---	4.9-6.2	0
	38-69	4.0-10	---	5.1-6.6	0
	69-150	4.0-10	---	5.1-6.6	0
7TM21:					
Alpine-dwarf scrub gravelly diorite till slopes	0-1	---	20-40	3.8-5.2	0
	1-7	---	6.0-12	3.8-5.3	0
	7-47	---	4.0-12	3.9-5.4	0
	47-150	4.0-10	---	4.7-6.2	0
Alpine-dwarf scrub gravelly diorite till hummocks and lobes	0-5	60-95	---	4.7-5.8	0
	5-8	12-20	---	4.7-5.8	0
	8-38	4.0-10	---	4.9-5.9	0
	38-150	4.0-10	---	5.4-6.4	0
Alpine-scrub gravelly diorite till slopes	0-2	---	20-40	3.7-4.9	0
	2-5	---	8.0-15	3.5-4.9	0
	5-9	---	8.0-15	3.5-4.9	0
	9-41	---	4.0-12	4.6-5.6	0
	41-150	4.0-10	---	5.0-6.0	0
7TM24:					
Alpine-dwarf scrub gravelly diorite colluvial slopes	0-3	---	20-40	3.8-4.9	0
	3-9	---	8.0-15	3.8-5.0	---
	9-34	---	4.0-12	4.2-5.5	---
	34-150	4.0-10	---	5.4-6.2	---
Alpine-dwarf scrub gravelly diorite fans	0-3	---	20-40	3.2-4.9	0
	3-12	---	8.0-15	4.4-5.7	0
	12-20	1.0-4.0	---	4.8-6.3	0
	20-150	1.0-4.0	---	5.1-6.3	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
7TMS:					
Alpine-dwarf scrub gravelly till slopes	0-3	---	20-40	3.9-5.3	0
	3-9	---	8.0-15	4.0-5.6	0
	9-38	---	4.0-12	4.8-5.9	0
	38-150	4.0-10	---	5.6-7.0	0
Alpine-dwarf scrub gravelly till steps and lobes	0-5	60-95	---	4.7-5.8	0
	5-8	12-20	---	4.7-5.8	0
	8-38	4.0-10	---	4.9-5.9	0
	38-150	4.0-10	---	5.4-6.4	0
Alpine-dwarf scrub gravelly till slopes, moist	0-3	---	20-40	3.9-5.3	0
	3-9	---	8.0-15	4.0-5.6	0
	9-38	---	4.0-12	4.8-5.9	0
	38-150	4.0-10	---	5.6-7.0	0
7TP:					
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	---	20-40	4.5-6.0	0
	29-32	---	10-20	4.6-6.0	0
	32-150	4.0-10	---	5.6-6.8	0
Alpine-scrub-meadow mosaic gravelly till swales	0-3	---	20-40	4.8-6.2	0
	3-21	12-20	---	4.9-6.2	0
	21-32	4.0-10	---	5.1-6.6	0
	32-150	4.0-10	---	5.1-6.6	0
Alpine-scrub gravelly till circles, frozen	0-1	---	20-40	4.4-5.0	0
	1-4	---	8.0-15	4.4-5.6	0
	5-23	---	4.0-12	4.8-5.8	0
	23-120	---	4.0-12	5.2-6.4	0
	120-150	---	4.0-12	5.2-6.4	0
7TP2:					
Alpine-scrub gravelly till slopes	0-5	---	20-40	3.7-4.9	0
	5-9	---	8.0-15	4.2-5.0	0
	9-10	---	8.0-15	4.2-5.0	0
	10-40	---	4.0-12	4.6-5.6	0
	40-150	4.0-10	---	5.0-6.2	0
Alpine-scrub mosaic gravelly till slopes	0-3	---	20-40	3.9-5.3	0
	3-9	---	8.0-15	4.0-5.6	0
	9-38	---	4.0-12	4.8-5.9	0
	38-150	4.0-10	---	5.6-7.0	0
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	---	20-40	4.5-6.0	0
	29-32	---	10-20	4.6-6.0	0
	32-150	4.0-10	---	5.6-6.8	0
7TP3:					
Alpine-scrub gravelly till slopes	0-5	---	20-40	3.7-4.9	0
	5-9	---	8.0-15	4.2-5.0	0
	9-10	---	8.0-15	4.2-5.0	0
	10-40	---	4.0-12	4.6-5.6	0
	40-150	4.0-10	---	5.0-6.2	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
7TP3:					
Boreal-forested gravelly till slopes, moderately wet	0-3	---	20-40	4.8-6.2	0
	3-38	16-24	---	4.9-6.2	0
	38-150	4.0-10	---	5.1-6.6	0
Boreal-taiga gravelly till slopes, frozen	0-29	---	20-40	4.5-6.0	0
	29-33	---	10-20	4.6-6.0	0
	33-51	4.0-10	---	5.0-6.8	0
	51-150	4.0-10	---	5.6-6.8	0
7TP4:					
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	---	20-40	4.5-6.0	0
	29-32	---	10-20	4.6-6.0	0
	32-150	4.0-10	---	5.6-6.8	0
Boreal-taiga gravelly till slopes, frozen	0-29	---	20-40	4.5-6.0	0
	29-33	---	10-20	4.6-6.0	0
	33-51	4.0-10	---	5.0-6.8	0
	51-150	4.0-10	---	5.6-6.8	0
7TP5:					
Boreal-taiga gravelly till slopes, frozen	0-29	---	20-40	4.5-6.0	0
	29-33	---	10-20	4.6-6.0	0
	33-51	4.0-10	---	5.0-6.8	0
	51-150	4.0-10	---	5.6-6.8	0
Alpine-scrub gravelly till slopes	0-5	---	20-40	3.7-4.9	0
	5-9	---	8.0-15	4.2-5.0	0
	9-10	---	8.0-15	4.2-5.0	0
	10-40	---	4.0-12	4.6-5.6	0
	40-150	4.0-10	---	5.0-6.2	0
7TP8:					
Alpine-scrub gravelly diorite till slopes	0-2	---	20-40	3.7-4.9	0
	2-5	---	8.0-15	3.5-4.9	0
	5-9	---	8.0-15	3.5-4.9	0
	9-41	---	4.0-12	4.6-5.6	0
	41-150	4.0-10	---	5.0-6.0	0
Alpine-dwarf scrub gravelly diorite till slopes	0-1	---	20-40	3.8-5.2	0
	1-7	---	6.0-12	3.8-5.3	0
	7-47	---	4.0-12	3.9-5.4	0
	47-150	4.0-10	---	4.7-6.2	0
Alpine-scrub-meadow mosaic gravelly diorite swales	0-6	60-95	---	5.2-6.1	0
	6-34	12-20	---	5.2-6.1	0
	34-62	1.0-4.0	---	5.2-5.9	0
	62-150	1.0-4.0	---	5.6-5.9	0
7V1:					
Alpine-scrub gravelly terraces	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0
Alpine-scrub-sedge loamy terraces, frozen	0-21	60-95	---	4.9-6.0	0
	21-61	12-20	---	5.6-6.4	0
	61-150	1.0-4.0	---	5.6-6.4	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
7V1:					
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	---	20-40	4.5-6.0	0
	29-32	---	10-20	4.6-6.0	0
	32-150	4.0-10	---	5.6-6.8	0
7V1A:					
Alpine-dwarf scrub gravelly diorite fans	0-3	---	20-40	3.2-4.9	0
	3-12	---	8.0-15	4.4-5.7	0
	12-20	1.0-4.0	---	4.8-6.3	0
	20-150	1.0-4.0	---	5.1-6.3	0
Alpine-scrub mosaic gravelly diorite terraces	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0
7V1B:					
Alpine-scrub mosaic gravelly diorite terraces	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0
Alpine-scrub loamy diorite terraces, frozen	0-28	---	20-40	3.0-3.5	0
	28-31	---	8.0-15	3.0-3.9	0
	31-68	---	6.0-12	4.2-5.5	0
	68-150	---	1.0-3.0	4.7-5.6	0
Subalpine-riparian scrub gravelly diorite flood plains	0-5	---	20-40	4.2-5.2	0
	5-7	---	4.0-12	4.4-5.2	0
	7-12	---	4.0-12	4.8-5.4	0
	12-150	1.0-4.0	---	5.6-6.0	0
7V2:					
Boreal-forested loamy fan terraces	0-5	60-95	---	5.0-5.9	0
	5-22	16-24	---	5.8-6.6	0
	22-62	16-24	---	5.7-6.6	0
	62-150	1.0-4.0	---	5.9-7.4	0
Boreal-woodland gravelly terraces	0-10	---	20-40	4.0-6.1	0
	10-20	---	8.0-15	4.1-5.6	0
	20-29	1.0-4.0	---	5.2-6.2	0
	29-150	1.0-4.0	---	5.6-7.4	0
Alpine-scrub gravelly terraces	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
7V5:					
Alpine-dwarf scrub gravelly fan terraces	0-2	60-95	---	4.8-7.3	0
	2-8	12-20	---	4.9-7.4	0
	8-29	4.0-10	---	5.4-7.6	0-1
	29-150	4.0-10	---	6.0-8.0	0-1
Alpine-scrub-sedge loamy terraces, frozen	0-21	60-95	---	4.9-6.0	0
	21-61	12-20	---	5.6-6.4	0
	61-150	1.0-4.0	---	5.6-6.4	0
Alpine-riparian scrub gravelly flood plains, cool	0-2	60-95	---	6.0-7.7	0-1
	2-10	15-25	---	6.0-7.8	1-5
	10-25	1.0-4.0	---	6.2-8.4	1-5
	25-150	1.0-4.0	---	6.2-8.4	1-5
7V11:					
Alpine-riparian scrub gravelly flood plains	0-5	60-95	---	6.0-7.7	0-1
	5-12	15-25	---	6.0-7.8	0-2
	12-150	1.0-4.0	---	6.2-8.4	0-2
Nonvegetated alluvium	---	---	---	---	---
Alpine-scrub gravelly terraces	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0
8FP1:					
Alpine-riparian scrub gravelly schist flood plains, moderately wet	0-1	60-95	---	5.6-7.4	0-1
	1-11	10-16	---	5.8-7.4	0-1
	11-150	1.0-4.0	---	6.0-7.4	0-1
Alpine-riparian scrub gravelly schist flood plains	0-7	---	20-40	4.0-5.6	0
	7-19	10-16	---	4.8-6.0	0
	19-150	1.0-4.0	---	5.2-6.6	0
Alpine-riparian scrub loamy schist flood plains, wet	0-9	---	20-40	5.4-5.8	0
	9-25	12-20	---	5.6-6.1	0
	25-66	10-16	---	5.6-6.1	0
	66-150	1.0-4.0	---	5.8-6.8	0
8FP2:					
Boreal-riparian scrub gravelly schist flood plains, moderately wet	0-1	60-95	---	5.6-6.7	0
	1-11	10-16	---	5.8-7.4	0-1
	11-150	1.0-4.0	---	6.0-7.4	0-1
Boreal-riparian forested gravelly schist flood plains	0-3	60-95	---	5.4-6.4	0
	3-44	1.0-4.0	---	6.5-7.9	0-1
	44-150	1.0-4.0	---	6.5-7.9	0-1
Alpine-scrub gravelly schist terraces	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
8LM:					
Alpine-scrub-sedge silty hummocks, frozen	0-31	---	20-40	3.3-5.2	0
	31-61	---	10-20	4.5-5.3	0
	61-150	---	8.0-15	4.8-5.6	0
Alpine-tussock-scrub mica rich silty slopes, frozen	0-31	---	20-40	3.3-5.2	0
	31-61	---	10-20	4.5-5.3	0
	61-150	---	8.0-15	4.8-5.6	0
Alpine-scrub gravelly schist circles, frozen	0-1	---	20-40	4.2-5.4	0
	1-3	---	8.0-15	4.2-5.8	0
	3-11	---	3.0-8.0	4.4-6.0	0
	11-150	4.0-10	---	4.8-6.5	0
	>150	---	---	---	---
8LM1:					
Alpine-scrub-sedge-gravelly schist hummocks, frozen	0-20	---	20-40	3.6-5.2	0
	20-34	---	8.0-20	4.4-5.3	0
	34-42	---	4.0-8.0	4.4-5.8	0
	42-150	---	4.0-8.0	4.5-6.0	0
Alpine-scrub gravelly schist circles, frozen	0-1	---	20-40	4.2-5.4	0
	1-3	---	8.0-15	4.2-5.8	0
	3-11	---	3.0-8.0	4.4-6.0	0
	11-150	4.0-10	---	4.8-6.5	0
	>150	---	---	---	---
Alpine-tussock-scrub gravelly schist slopes, frozen	0-20	---	20-40	3.6-5.2	0
	20-34	---	8.0-20	4.4-5.3	0
	34-42	---	4.0-8.0	4.4-5.8	0
	42-150	---	4.0-8.0	4.5-6.0	0
8LMF:					
Boreal-taiga high elevation silty mica rich loess hills, frozen	0-23	---	20-40	3.5-4.8	0
	23-46	---	10-20	4.9-5.7	0
	46-58	10-16	---	5.0-6.6	0
	58-150	10-16	---	5.0-6.6	0
Boreal-taiga/tussock mica rich silty loess slopes, frozen	0-40	---	20-40	3.3-5.2	0
	40-77	---	10-20	4.5-5.3	0
	77-150	---	8.0-15	4.8-5.6	0
8LMV:					
Alpine-dwarf scrub gravelly schist colluvial slopes	0-2	---	4.0-8.0	4.0-5.2	0
	2-28	---	4.0-8.0	4.4-5.4	0
	28-86	---	4.0-8.0	4.7-5.8	0
	86-150	---	---	---	---
Alpine-scrub gravelly schist colluvial slopes, thick surface	0-3	---	---	4.0-5.4	0
	3-8	---	8.0-15	3.8-5.1	0
	8-20	---	4.0-8.0	4.2-5.4	0
	20-150	4.0-10	---	5.0-6.2	0
	>150	---	---	---	---
Subalpine-scrub gravelly schist colluvial slopes	0-9	---	20-40	3.7-5.4	0
	9-30	---	8.0-20	3.7-5.8	0
	30-58	---	4.0-8.0	4.8-6.1	0
	58-84	4.0-10	---	5.0-6.4	0
	84-150	---	---	---	---

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
8MBS:					
Alpine-scrub gravelly schist colluvial slopes	0-2	---	4.0-8.0	4.0-5.2	0
	2-28	---	4.0-8.0	4.4-5.4	0
	28-86	---	4.0-8.0	4.7-5.8	0
	86-150	---	---	---	---
Alpine-scrub mosaic gravelly colluvial schist slopes	0-2	---	4.0-8.0	4.0-5.2	0
	2-28	---	4.0-8.0	4.4-5.4	0
	28-86	---	4.0-8.0	4.7-5.8	0
	86-150	---	---	---	---
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen	0-21	60-95	---	4.7-6.7	0
	21-28	12-20	---	4.1-6.9	0
	28-51	4.0-10	---	5.3-6.6	0
	51-150	4.0-10	---	5.3-6.6	0
	>150	---	---	---	---
8MFS:					
Alpine-scrub gravelly schist colluvial toeslopes, frozen	0-23	---	20-40	5.4-5.8	0
	23-31	---	8.0-15	3.7-5.8	0
	31-45	---	8.0-15	4.8-6.1	0
	45-150	---	8.0-15	4.8-6.1	0
Alpine-scrub gravelly schist colluvial slopes	0-2	---	4.0-8.0	4.0-5.2	0
	2-28	---	4.0-8.0	4.4-5.4	0
	28-86	---	4.0-8.0	4.7-5.8	0
	86-150	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly schist swales	0-3	60-95	---	4.1-6.0	0
	3-9	12-20	---	4.5-6.3	0
	9-124	4.0-8.0	---	5.2-6.8	0
	124-150	---	---	---	---
8MFS1:					
Boreal-taiga gravelly schist slopes, frozen	0-25	---	20-40	3.4-5.4	0
	25-35	---	8.0-20	4.1-5.4	0
	35-89	---	3.0-8.0	4.8-5.8	0
	84-150	---	---	---	---
Alpine-scrub gravelly schist colluvial toeslopes, frozen	0-23	---	20-40	5.4-5.8	0
	23-31	---	8.0-15	3.7-5.8	0
	31-45	---	8.0-15	4.8-6.1	0
	45-150	---	8.0-15	4.8-6.1	0
Alpine-tussock-scrub gravelly schist slopes, frozen	0-20	---	20-40	3.6-5.2	0
	20-34	---	8.0-20	4.4-5.3	0
	34-42	---	4.0-8.0	4.4-5.8	0
	42-150	---	4.0-8.0	4.5-6.0	0
8MS:					
Alpine-dwarf scrub gravelly schist colluvial slopes	0-2	---	4.0-8.0	4.0-5.2	0
	2-28	---	4.0-8.0	4.4-5.4	0
	28-86	---	4.0-8.0	4.7-5.8	0
	86-150	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen	0-17	60-95	---	5.7-6.9	0
	17-21	10-16	---	5.1-6.9	0
	21-130	4.0-10	---	5.6-6.9	0
	130-150	---	---	---	---

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
8MVF:					
Boreal-forested silty schist slopes, wet	0-9	60-95	---	4.2-6.0	0
	9-18	12-20	---	5.5-7.4	0
	18-27	5.0-12	---	5.5-7.4	0
	27-103	4.0-10	---	5.7-7.4	0
	103-150	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly schist swales	0-3	60-95	---	4.1-6.0	0
	3-9	12-20	---	4.5-6.3	0
	9-124	4.0-8.0	---	5.2-6.8	0
	124-150	---	---	---	---
Boreal-forested gravelly schist colluvial slopes	0-9	---	20-40	3.7-5.4	0
	9-20	---	8.0-20	3.7-5.8	0
	20-41	---	4.0-8.0	4.8-6.1	0
	41-96	4.0-10	---	5.0-7.1	0
	96-150	---	---	---	---
8ST1:					
Alpine-tussock-scrub gravelly schist slopes, frozen	0-20	---	20-40	3.6-5.2	0
	20-34	---	8.0-20	4.4-5.3	0
	34-42	---	4.0-8.0	4.4-5.8	0
	42-150	---	4.0-8.0	4.5-6.0	0
Alpine-scrub gravelly schist colluvial toeslopes, frozen	0-23	---	20-40	5.4-5.8	0
	23-31	---	8.0-15	3.7-5.8	0
	31-45	---	8.0-15	4.8-6.1	0
	45-150	---	8.0-15	4.8-6.1	0
Alpine-scrub gravelly schist terraces	0-8	---	20-40	3.8-4.8	0
	8-10	---	8.0-15	3.8-5.0	0
	10-15	---	8.0-15	4.0-5.6	0
	15-21	---	1.0-3.0	4.4-5.6	0
	21-150	1.0-4.0	---	5.6-6.2	0
9AF:					
Subalpine-scrub gravelly fan terraces	0-10	---	20-40	2.8-3.4	0
	10-18	---	20-30	3.0-3.6	0
	18-32	---	4.0-12	3.3-4.6	0
	32-66	---	4.0-12	4.0-4.6	0
	66-150	---	4.0-12	4.0-5.3	0
9AF2:					
Boreal-riparian forested gravelly high flood plains, Cook Inlet	0-3	---	20-40	4.5-6.6	0
	3-16	---	10-20	4.8-6.6	0
	16-150	1.0-4.0	---	5.0-7.6	0-1
Boreal-forested gravelly fan terraces	0-10	---	20-40	2.8-3.4	0
	10-18	---	20-30	3.0-3.6	0
	18-32	---	4.0-12	3.3-4.6	0
	32-66	---	4.0-12	4.0-4.6	0
	66-150	---	4.0-12	4.0-5.3	0
Boreal-riparian forested hardwood gravelly flood plains	0-1	60-95	---	5.4-6.9	0
	1-7	1.0-4.0	---	7.4-7.9	0-1
	7-150	1.0-4.0	---	7.6-8.2	0-1

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
9CE:					
Subalpine-scrub gravelly moraines	0-2	60-95	---	6.9-7.8	0-1
	2-12	4.0-10	---	6.5-8.0	0-1
	12-150	4.0-10	---	7.5-8.2	0-1
South Central nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
Boreal-woodland gravelly moraines	0-5	---	20-40	3.0-3.8	0
	5-9	---	8.0-15	3.2-4.6	0
	9-20	---	4.0-12	4.2-5.2	0
	20-150	4.0-10	---	4.8-6.2	0
9MSA:					
Alpine-dwarf scrub gravelly diorite colluvial slopes, warm	0-3	---	20-40	3.0-4.2	0
	3-9	---	8.0-15	3.8-5.0	0
	9-34	---	4.0-12	4.2-5.5	0
	34-109	4.0-10	---	5.4-6.2	0
	109-150	---	---	---	---
South Central nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
Alpine-dwarf scrub gravelly diorite colluvial slopes, cool	0-3	---	20-40	3.0-4.2	0
	3-9	---	8.0-15	3.8-5.0	0
	9-34	---	4.0-12	4.2-5.5	0
	34-109	4.0-10	---	5.4-6.2	0
	109-150	---	---	---	---
9MSH:					
South Central nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, warm	0-2	---	20-40	3.8-4.7	0
	2-6	---	20-30	4.0-5.6	0
	6-23	---	16-24	4.2-5.6	0
	23-63	---	4.0-8.0	4.7-6.6	0
	63-150	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, cool	0-2	---	20-40	3.8-4.7	0
	2-6	---	20-30	4.0-5.6	0
	6-24	---	16-24	4.2-5.6	0
	24-43	---	4.0-8.0	4.4-5.6	0
	43-72	---	4.0-8.0	4.7-6.6	0
	72-150	---	---	---	---
9MSH1:					
Alpine-dwarf scrub silty hummocks	0-4	---	20-40	3.8-4.6	0
	4-11	---	20-30	3.8-4.6	0
	11-36	---	20-30	4.7-5.7	0
	36-61	---	4.0-12	5.3-5.8	0
	61-83	4.0-12	---	5.4-6.0	0
	83-150	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, warm	0-2	---	20-40	3.8-4.7	0
	2-6	---	20-30	4.0-5.6	0
	6-23	---	16-24	4.2-5.6	0
	23-63	---	4.0-8.0	4.7-6.6	0
	63-150	---	---	---	---
Alpine-scrub-meadow mosaic gravelly colluvial slopes	0-1	---	20-40	4.2-5.7	0
	1-26	---	16-24	3.6-4.9	0
	26-79	---	16-24	4.2-6.3	0
	79-107	---	3.0-8.0	4.7-6.3	0
	107-150	---	---	---	---

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
9SA4:					
Alpine-scrub-meadow mosaic gravelly colluvial slopes	0-1	---	20-40	4.2-5.7	0
	1-26	---	16-24	3.6-4.9	0
	26-79	---	16-24	4.2-6.3	0
	79-107	---	3.0-8.0	4.7-6.3	0
	107-150	---	---	---	---
South Central nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
9SA5:					
Subalpine-scrub-meadow mosaic gravelly colluvial slopes	0-4	---	20-40	3.4-4.9	0
	4-14	---	20-30	3.4-5.0	0
	14-21	---	1.0-5.0	3.6-5.0	0
	21-36	---	1.0-5.0	3.6-5.0	0
	36-92	---	1.0-5.0	4.3-5.5	0
	92-150	---	---	---	---
Alpine-scrub gravelly colluvial slopes, warm	0-3	---	20-40	3.5-4.4	0
	3-11	---	20-30	3.7-4.5	0
	11-26	---	4.0-8.0	4.6-5.5	0
	26-88	---	4.0-8.0	4.6-5.5	0
	88-150	---	---	---	---
South Central nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
9SA6:					
Subalpine-scrub-meadow mosaic silty till slopes	0-4	---	20-40	3.7-4.9	0
	4-10	---	20-30	3.6-5.0	0
	10-14	---	20-30	3.6-5.0	0
	14-48	---	20-30	3.6-5.0	0
	48-72	---	1.0-5.0	4.5-5.5	0
	72-150	---	1.0-5.0	4.5-5.5	0
9SA44:					
Alpine-scrub-meadow mosaic silty till slopes	0-3	---	20-40	3.4-5.2	0
	3-25	---	20-30	4.2-5.2	0
	25-37	---	4.0-12	4.2-5.4	0
	37-150	---	4.0-12	4.5-5.5	0
Alpine-scrub gravelly till slopes, warm	0-4	---	20-40	2.9-4.4	0
	4-19	---	20-30	3.3-5.0	0
	19-44	---	4.0-12	3.9-5.3	0
	44-150	---	4.0-12	4.4-5.8	0
Alpine-dwarf scrub gravelly till hummocks	0-2	---	20-40	3.0-4.2	0
	2-8	---	20-30	3.2-4.7	0
	8-20	---	20-30	4.0-5.0	0
	20-150	---	4.0-12	4.4-5.6	0
	>150	---	---	---	---
9SA61:					
Subalpine-scrub-meadow mosaic silty till slopes	0-4	---	20-40	3.7-4.9	0
	4-10	---	20-30	3.6-5.0	0
	10-14	---	20-30	3.6-5.0	0
	14-48	---	20-30	3.6-5.0	0
	48-72	---	1.0-5.0	4.5-5.5	0
	72-150	---	1.0-5.0	4.5-5.5	0
Alpine-sedge wet meadow organic depressions	0-13	---	20-40	4.5-6.2	0
	13-84	---	20-40	5.0-6.2	0
	84-150	10-16	---	5.4-6.2	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
9SA61:					
Alpine-scrub gravelly wet till swales	0-9	---	20-40	4.9-5.6	0
	9-42	---	20-30	4.6-5.8	0
	42-59	---	4.0-12	4.5-5.0	0
	59-150	---	4.0-12	4.8-5.6	0
9SA62:					
Subalpine-scrub-meadow mosaic silty till slopes	0-4	---	20-40	3.7-4.9	0
	4-10	---	20-30	3.6-5.0	0
	10-14	---	20-30	3.6-5.0	0
	14-48	---	20-30	3.6-5.0	0
	48-72	---	1.0-5.0	4.5-5.5	0
	72-150	---	1.0-5.0	4.5-5.5	0
Alpine-scrub gravelly wet till swales	0-9	---	20-40	4.9-5.6	0
	9-42	---	20-30	4.6-5.8	0
	42-59	---	4.0-12	4.5-5.0	0
	59-150	---	4.0-12	4.8-5.6	0
9SA66:					
Subalpine-scrub-meadow mosaic gravelly colluvial slopes	0-4	---	20-40	3.7-4.9	0
	4-14	---	20-30	3.6-5.0	0
	14-21	---	1.0-5.0	3.6-5.0	0
	21-36	---	1.0-5.0	3.6-5.0	0
	36-92	---	1.0-5.0	4.5-5.5	0
	92-150	---	---	---	---
Subalpine-scrub-meadow mosaic silty till slopes	0-4	---	20-40	3.7-4.9	0
	4-10	---	20-30	3.6-5.0	0
	10-14	---	20-30	3.6-5.0	0
	14-48	---	20-30	3.6-5.0	0
	48-72	---	1.0-5.0	4.5-5.5	0
	72-150	---	1.0-5.0	4.5-5.5	0
Alpine-scrub gravelly colluvial slopes, warm	0-3	---	20-40	3.5-4.4	0
	3-11	---	20-30	3.7-4.5	0
	11-26	---	4.0-8.0	4.6-5.5	0
	26-88	---	4.0-8.0	4.6-5.5	0
	88-150	---	---	---	---
9TM:					
Alpine-scrub-meadow mosaic silty till slopes	0-3	---	20-40	3.4-5.2	0
	3-25	---	20-30	4.2-5.2	0
	25-37	---	4.0-12	4.2-5.4	0
	37-150	---	4.0-12	4.5-5.5	0
Subalpine-scrub-meadow mosaic silty till slopes	0-4	---	20-40	3.7-4.9	0
	4-10	---	20-30	3.6-5.0	0
	10-14	---	20-30	3.6-5.0	0
	14-48	---	20-30	3.6-5.0	0
	48-72	---	1.0-5.0	4.5-5.5	0
	72-150	---	1.0-5.0	4.5-5.5	0
Alpine-scrub gravelly till slopes, warm	0-4	---	20-40	2.9-4.4	0
	4-19	---	20-30	3.3-5.0	0
	19-44	---	4.0-12	3.9-5.3	0
	44-150	---	4.0-12	4.4-5.8	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
9TM3:					
Alpine-dwarf scrub silty till hummocks	0-4	---	20-40	2.9-3.4	0
	4-11	---	20-30	3.2-3.8	0
	11-36	---	20-30	3.4-4.7	0
	36-68	---	1.0-5.0	4.2-5.2	0
	68-150	---	1.0-5.0	4.8-5.4	0
Alpine-dwarf scrub gravelly till hummocks	0-2	---	20-40	3.0-4.2	0
	2-8	---	20-30	3.2-4.7	0
	8-20	---	20-30	4.0-5.0	0
	20-150	---	4.0-12	4.4-5.6	0
	>150	---	---	---	---
Alpine-scrub mosaic gravelly till drains	0-4	60-95	---	5.8-6.7	0
	4-12	20-30	---	5.8-6.7	0
	12-39	4.0-10	---	5.8-6.2	0
	39-150	4.0-10	---	5.6-6.4	0
9TM4:					
Alpine-dwarf scrub silty till hummocks	0-4	---	20-40	2.9-3.4	0
	4-11	---	20-30	3.2-3.8	0
	11-36	---	20-30	3.4-4.7	0
	36-68	---	1.0-5.0	4.2-5.2	0
	68-150	---	1.0-5.0	4.8-5.4	0
Alpine-dwarf scrub gravelly diorite till slopes, warm	0-2	---	20-40	3.0-3.8	0
	2-7	---	20-30	3.2-4.7	0
	7-15	---	20-30	3.6-5.0	0
	15-29	---	4.0-12	4.4-5.4	0
	29-150	---	4.0-12	4.4-5.4	0
Alpine-scrub-meadow mosaic gravelly diorite colluvial slopes	0-1	---	20-40	4.2-5.2	0
	1-40	---	8.0-15	3.8-4.8	0
	40-57	---	3.0-8.0	4.0-5.2	0
	57-150	---	3.0-8.0	4.4-5.6	0
9TMF:					
Boreal-forested silty till slopes, ash influenced, warm	0-4	---	20-40	3.7-4.9	0
	4-10	---	20-30	3.6-5.0	0
	10-14	---	20-30	3.6-5.0	0
	14-24	---	20-30	3.6-5.0	0
	24-52	---	1.0-5.0	4.5-5.5	0
	52-150	---	1.0-5.0	4.5-5.5	0
Subalpine-scrub-meadow mosaic silty till slopes	0-4	---	20-40	3.7-4.9	0
	4-10	---	20-30	3.6-5.0	0
	10-14	---	20-30	3.6-5.0	0
	14-48	---	20-30	3.6-5.0	0
	48-72	---	1.0-5.0	4.5-5.5	0
	72-150	---	1.0-5.0	4.5-5.5	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
9TP:					
Alpine-scrub-meadow mosaic silty till slopes	0-3	---	20-40	3.4-5.2	0
	3-25	---	20-30	4.2-5.2	0
	25-37	---	4.0-12	4.2-5.4	0
	37-150	---	4.0-12	4.5-5.5	0
Alpine-dwarf scrub silty till hummocks	0-4	---	20-40	2.9-3.4	0
	4-11	---	20-30	3.2-3.8	0
	11-36	---	20-30	3.4-4.7	0
	36-68	---	1.0-5.0	4.2-5.2	0
	68-150	---	1.0-5.0	4.8-5.4	0
Alpine-scrub gravelly wet till swales	0-9	---	20-40	4.9-5.6	0
	9-42	---	20-30	4.6-5.8	0
	42-59	---	4.0-12	4.5-5.0	0
	59-150	---	4.0-12	4.8-5.6	0
9V12:					
Alpine-dwarf scrub gravelly fan terraces, warm	0-2	---	20-40	4.5-5.9	0
	2-6	---	20-30	4.7-5.9	0
	6-21	1.0-4.0	---	5.2-7.2	0
	21-150	1.0-4.0	---	6.0-8.2	0-1
Nonvegetated alluvium	---	---	---	---	---
Alpine-dwarf scrub gravelly fan terraces	0-2	60-95	---	4.8-7.3	0
	2-8	12-20	---	4.9-7.4	0
	8-29	4.0-10	---	5.4-7.6	0-1
	29-150	4.0-10	---	6.0-8.0	0-1
10ES:					
Boreal-forested gravelly colluvial slopes, dissected	0-5	---	20-40	5.2-6.0	0
	5-11	12-20	---	4.8-5.6	0
	11-32	4.0-10	---	5.4-6.0	0
	32-150	1.0-4.0	---	5.6-6.6	0
Alpine-scrub-sedge gravelly slopes, frozen	0-20	---	20-40	4.0-4.9	0
	20-30	16-24	---	4.9-5.7	0
	30-54	4.0-10	---	5.2-6.0	0
	54-150	4.0-10	---	5.2-6.0	0
Subalpine-forested hardwood gravelly colluvial slopes	0-4	12-20	---	4.3-5.9	0
	4-19	4.0-10	---	5.7-6.4	0
	19-150	1.0-4.0	---	5.8-6.4	0
10ES1:					
Boreal-forested gravelly colluvial slopes, dissected	0-5	---	20-40	5.2-6.0	0
	5-11	12-20	---	4.8-5.6	0
	11-32	4.0-10	---	5.4-6.0	0
	32-150	1.0-4.0	---	5.6-6.6	0
Boreal-taiga high elevation silty loess slopes, frozen	0-21	---	20-40	4.4-5.4	0
	21-27	16-24	---	5.4-6.0	0
	27-49	12-20	---	5.6-6.4	0
	49-150	12-20	---	5.8-6.9	0
Alpine-scrub-sedge gravelly slopes, frozen	0-20	---	20-40	4.0-4.9	0
	20-30	16-24	---	4.9-5.7	0
	30-54	4.0-10	---	5.2-6.0	0
	54-150	4.0-10	---	5.2-6.0	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
10LM:					
Alpine-scrub-sedge gravelly slopes, frozen	0-20	---	20-40	4.0-4.9	0
	20-30	16-24	---	4.9-5.7	0
	30-54	4.0-10	---	5.2-6.0	0
	54-150	4.0-10	---	5.2-6.0	0
Alpine-scrub mosaic gravelly slopes	0-2	---	20-40	4.0-4.8	0
	2-8	---	8.0-15	4.4-5.5	0
	8-48	4.0-10	---	5.3-6.0	0
	48-150	4.0-10	---	5.6-6.2	0
10P1:					
Alpine-scrub gravelly circles, frozen	0-1	---	20-40	4.4-5.0	0
	1-5	---	8.0-15	4.4-5.6	0
	5-23	---	4.0-12	4.8-5.8	0
	23-120	---	4.0-12	4.5-6.4	0
	120-150	---	4.0-12	4.5-6.4	0
Alpine-scrub-sedge gravelly slopes, frozen	0-20	---	20-40	4.0-4.9	0
	20-30	16-24	---	4.9-5.7	0
	30-54	4.0-10	---	5.2-6.0	0
	54-150	4.0-10	---	5.2-6.0	0
10P3:					
Boreal-taiga high elevation silty loess slopes, frozen	0-21	---	20-40	4.4-5.4	0
	21-27	16-24	---	5.4-6.0	0
	27-49	12-20	---	5.6-6.4	0
	49-150	12-20	---	5.8-6.9	0
Boreal-taiga/tussock silty frozen loess slopes, Alaska Mountains	0-22	---	20-40	4.4-6.0	0
	22-30	16-24	---	5.5-6.0	0
	30-61	20-30	---	5.8-6.6	0
	61-150	12-20	---	5.8-6.6	0
Boreal-taiga high elevation silty loess hills, frozen	0-23	---	20-40	3.5-4.8	0
	23-46	---	10-20	4.9-5.7	0
	46-58	10-16	---	5.0-6.6	0
	58-150	10-16	---	5.0-6.6	0
10P4:					
Alpine-scrub gravelly circles, frozen	0-1	---	20-40	4.4-5.0	0
	1-5	---	8.0-15	4.4-5.6	0
	5-23	---	4.0-12	4.8-5.8	0
	23-120	---	4.0-12	4.5-6.4	0
	120-150	---	4.0-12	4.5-6.4	0
Alpine-scrub mosaic gravelly slopes	0-2	---	20-40	4.0-4.8	0
	2-8	---	8.0-15	4.4-5.5	0
	8-48	4.0-10	---	5.3-6.0	0
	48-150	4.0-10	---	5.6-6.2	0
Alpine-scrub-sedge gravelly slopes, frozen	0-20	---	20-40	4.0-4.9	0
	20-30	16-24	---	4.9-5.7	0
	30-54	4.0-10	---	5.2-6.0	0
	54-150	4.0-10	---	5.2-6.0	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
10SU:					
Alpine-tussock-scrub silty loess slopes, frozen	0-22	---	20-40	3.3-4.8	0
	22-30	---	10-20	3.9-5.4	0
	30-61	---	10-20	4.8-5.9	0
	61-150	---	8.0-15	4.8-5.9	0
Alpine-scrub-sedge gravelly slopes, frozen	0-20	---	20-40	4.0-4.9	0
	20-30	16-24	---	4.9-5.7	0
	30-54	4.0-10	---	5.2-6.0	0
	54-150	4.0-10	---	5.2-6.0	0
10TS:					
Boreal-taiga high elevation silty loess slopes, frozen	0-21	---	20-40	4.4-5.4	0
	21-27	16-24	---	5.4-6.0	0
	27-49	12-20	---	5.6-6.4	0
	49-150	12-20	---	5.8-6.9	0
Boreal-taiga/tussock silty frozen loess slopes, Alaska Mountains	0-22	---	20-40	4.4-6.0	0
	22-30	16-24	---	5.5-6.0	0
	30-61	20-30	---	5.8-6.6	0
	61-150	12-20	---	5.8-6.6	0
10TS1:					
Boreal-taiga gravelly slopes, frozen	0-29	---	20-40	4.5-6.0	0
	29-33	---	10-20	4.6-6.0	0
	33-51	4.0-10	---	5.0-6.8	0
	51-150	4.0-10	---	5.6-6.8	0
Boreal-taiga/tussock silty frozen loess slopes, Alaska Mountains	0-22	---	20-40	4.4-6.0	0
	22-30	16-24	---	5.5-6.0	0
	30-61	20-30	---	5.8-6.6	0
	61-150	12-20	---	5.8-6.6	0
10V2:					
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	0-22	---	20-40	4.4-6.0	0
	22-30	16-24	---	5.5-6.0	0
	30-61	20-30	---	5.8-6.6	0
	61-150	12-20	---	5.8-6.6	0
Boreal-taiga high elevation loamy terraces, frozen	0-27	---	20-40	4.2-6.6	0
	27-72	16-24	---	5.2-7.0	0
	72-150	16-24	---	5.6-7.0	0
Boreal-riparian scrub gravelly flood plains	0-2	60-95	---	6.0-7.7	0-1
	2-10	16-24	---	6.0-7.8	0-1
	10-150	1.0-4.0	---	6.2-8.4	0-1
11FP:					
Boreal-riparian forested loamy high flood plains	0-7	---	20-40	5.1-6.5	0
	7-17	10-25	---	5.2-6.6	0
	17-43	10-25	---	5.9-7.6	0-1
	43-150	1.0-4.0	---	6.0-7.4	0-1
Boreal-riparian scrub gravelly flood plains, moderately wet	0-12	16-24	---	7.2-8.4	0-2
	12-150	1.0-4.0	---	7.2-8.4	0-2
Boreal-riparian scrub gravelly flood plains	0-2	60-95	---	6.0-7.7	0-1
	2-10	16-24	---	6.0-7.8	0-1
	10-150	1.0-4.0	---	6.2-8.4	0-1

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
11P:					
Alpine-tussock-scrub silty loess slopes, frozen	0-22	---	20-40	3.3-4.8	0
	22-30	---	10-20	3.9-5.4	0
	30-61	---	10-20	4.8-5.9	0
	61-150	---	8.0-15	4.8-5.9	0
11P1:					
Alpine-tussock-scrub silty loess slopes, frozen	0-22	---	20-40	3.3-4.8	0
	22-30	---	10-20	3.9-5.4	0
	30-61	---	10-20	4.8-5.9	0
	61-150	---	8.0-15	4.8-5.9	0
Alpine-scrub organic mounds, frozen	0-45	---	20-40	3.2-4.9	0
	45-150	---	20-40	4.2-5.2	0
Alpine-sedge bog organic depressions, frozen	0-63	60-95	---	4.9-6.6	0
	63-150	16-24	---	5.2-6.5	0
11ST:					
Boreal-riparian forested loamy high flood plains	0-7	---	20-40	5.1-6.5	0
	7-17	10-25	---	5.2-6.6	0
	17-43	10-25	---	5.9-7.6	0-1
	43-150	1.0-4.0	---	6.0-7.4	0-1
Boreal-taiga high elevation loamy terraces, frozen	0-27	---	20-40	4.2-6.6	0
	27-72	16-24	---	5.2-7.0	0
	72-150	16-24	---	5.6-7.0	0
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	0-22	---	20-40	4.4-6.0	0
	22-30	16-24	---	5.5-6.0	0
	30-61	20-30	---	5.8-6.6	0
	61-150	12-20	---	5.8-6.6	0
12B:					
Boreal-sedge bog organic depressions	0-42	---	20-40	2.9-3.6	0
	42-150	---	20-40	2.9-4.7	0
Boreal-woodland bog organic depressions	0-28	---	20-40	2.9-3.6	0
	28-132	---	20-40	2.9-3.6	0
	132-150	---	20-30	3.3-4.7	0
12HS2:					
Boreal-forested silty till slopes, ash influenced, warm	0-4	---	20-40	3.7-4.9	0
	4-10	---	20-30	3.6-5.0	0
	10-14	---	20-30	3.6-5.0	0
	14-24	---	20-30	3.6-5.0	0
	24-52	---	1.0-5.0	4.5-5.5	0
	52-150	---	1.0-5.0	4.5-5.5	0
Boreal-forested silty wet till slopes, ash influenced	0-4	---	20-40	3.7-5.5	0
	4-40	---	20-40	4.5-6.0	0
	40-78	---	10-20	4.5-6.0	0
	78-150	4.0-10	---	5.1-6.5	0
Boreal-sedge bog organic depressions	0-42	---	20-40	2.9-3.6	0
	42-150	---	20-40	2.9-4.7	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
13F21:					
Subalpine-riparian scrub gravelly diorite flood plains, moderately wet	0-15	---	1.0-3.0	4.7-5.2	0
	15-150	---	1.0-3.0	5.2-5.9	0
Alpine-riparian scrub loamy diorite low flood plains, wet	0-9	60-95	---	6.2-6.8	0
	9-12	12-20	---	6.2-6.8	0
	12-33	12-20	---	6.3-6.9	0
	33-150	2.0-10	---	6.3-6.9	0
Subalpine-riparian wet meadow organic depressions	0-68	---	20-40	4.4-6.5	0
	68-100	---	8.0-15	5.2-6.1	0
	100-150	1.0-4.0	---	5.2-6.8	0
13F22:					
Alpine-riparian scrub gravelly diorite flood plains	0-8	---	1.0-3.0	5.0-6.2	0
	8-150	1.0-4.0	---	5.5-6.3	0
Nonvegetated alluvium	---	---	---	---	---
Alpine-riparian scrub loamy diorite low flood plains, wet	0-9	60-95	---	6.2-6.8	0
	9-12	12-20	---	6.2-6.8	0
	12-33	12-20	---	6.3-6.9	0
	33-150	2.0-10	---	6.3-6.9	0
13FP:					
Boreal-riparian forested gravelly high flood plains, Cook Inlet	0-3	---	20-40	4.5-6.6	0
	3-16	---	10-20	4.8-6.6	0
	16-150	1.0-4.0	---	5.0-7.6	0-1
Boreal-riparian scrub gravelly flood plains, moderately wet and warm	0-15	1.0-4.0	---	5.0-6.3	0
	15-150	1.0-4.0	---	5.5-6.8	0
Nonvegetated alluvium	---	---	---	---	---
13FP2:					
Boreal-riparian forested hardwood gravelly flood plains	0-1	60-95	---	5.4-6.9	0
	1-7	1.0-4.0	---	7.4-7.9	0-1
	7-150	1.0-4.0	---	7.6-8.2	0-1
Nonvegetated alluvium	---	---	---	---	---
Boreal-riparian scrub gravelly flood plains, moderately wet and warm	0-15	1.0-4.0	---	5.0-6.3	0
	15-150	1.0-4.0	---	5.5-6.8	0
13FPW:					
Boreal-riparian scrub loamy wet flood plains, Cook Inlet	0-4	60-95	---	6.2-6.8	0
	4-16	12-20	---	6.2-6.8	0
	16-56	12-20	---	6.3-6.9	0
	56-150	1.0-3.0	---	6.3-6.9	0
Boreal-riparian forested loamy wet flood plains, Cook Inlet	0-4	60-95	---	6.2-6.8	0
	4-22	16-24	---	6.2-6.8	0
	22-86	16-24	---	5.6-6.9	0
	86-150	2.0-10	---	5.6-7.2	0
Subalpine-riparian wet meadow organic depressions	0-68	---	20-40	4.4-6.5	0
	68-100	---	8.0-15	5.2-6.1	0
	100-150	1.0-4.0	---	5.2-6.8	0

Table 10. Chemical Properties of the Soils--Continued

Map symbol and common component name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate
	cm	meq/100 g	meq/100 g	pH	pct
13FWW:					
Boreal-riparian scrub organic flood plains, wet	0-63	60-95	---	4.6-7.0	0
	63-150	12-20	---	5.0-6.6	0
Boreal-riparian wet meadow organic flood plains, Cook Inlet	0-63	60-95	---	4.6-7.0	0
	63-150	12-20	---	5.0-6.6	0
Boreal-riparian forested loamy wet flood plains, Cook Inlet	0-2	60-95	---	6.2-7.8	0
	2-33	16-24	---	6.6-8.2	0-1
	33-54	16-24	---	6.8-8.4	0
	54-150	2.0-10	---	6.8-8.2	0
G:					
Nonvegetated alluvium	---	---	---	---	---
G1:					
Nonvegetated alluvium	---	---	---	---	---
G2:					
Nonvegetated alluvium	---	---	---	---	---
GA:					
Nonvegetated alluvium	---	---	---	---	---
NV1:					
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
NV2:					
South Central nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---
W:					
Water	---	---	---	---	---

Table 11. Physical Properties of the Soils

(See text for definitions of terms used in this table. Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Wind erodibility index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.)

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
1FP:											
Boreal-riparian forested loamy wet flood plains, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	50-70	.28	.28	2	8	---
	20-41	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	12-20	.28	.28			
	41-150	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	12-20	.28	.28			
Boreal-riparian forested loamy flood plains, moderately wet	0-2	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	2-33	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	3.0-6.0	.28	.28			
	33-54	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	54-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian forested loamy flood plains, Kuskokwim Plains	0-5	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	5-25	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	25-92	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	92-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
1FP2:											
Boreal-taiga deep loamy terraces, frozen	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-31	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.32	.32			
	31-53	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	8.0-12	.28	.28			
	53-150	---	---	---	---	0.0-0.2	.28	.28			
Boreal-riparian forested loamy flood plains	0-5	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	5-25	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	25-92	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	92-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
1FP4:											
Boreal-riparian forested loamy wet flood plains, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	50-70	.28	.28	2	8	---
	20-41	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	12-20	.28	.28			
	41-150	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	12-20	.28	.28			
Boreal-riparian forested loamy flood plains, frozen	0-8	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	8-21	1.00-1.20	1.45- 3.26	0.24-0.28	2.0-6.0	2.0-4.0	.43	.43			
	21-78	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	8.0-12	.28	.28			
	78-150	---	---	---	---	0.5-2.0	.28	.28			
Boreal-riparian wet meadow organic depressions	0-56	0.05-0.15	5.07-15.22	0.32-0.35	---	70-95	---	---	5	8	---
	56-150	1.10-1.25	1.45- 3.26	0.17-0.20	2.0-6.0	0.5-2.0	.43	.43			
1FW1:											
Boreal-taiga deep loamy terraces, frozen	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-31	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.32	.32			
	31-53	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	8.0-12	.28	.28			
	53-150	---	---	---	---	0.0-0.2	.28	.28			
Boreal-taiga/tussock silty terraces, frozen	0-48	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	48-64	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	12-20	.32	.32			
	64-150	---	---	---	---	4.0-9.0	.32	.32			
Boreal-taiga loamy channels, frozen	0-24	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	24-31	1.00-1.20	1.45- 3.26	0.24-0.28	2.0-6.0	2.0-4.0	.32	.32			
	31-53	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	8.0-12	.28	.28			
	53-150	---	---	---	---	0.5-2.0	.28	.28			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
1ST:											
Boreal-taiga silty loess slopes, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	23-39	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-16	.43	.43			
	39-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-riparian forested loamy flood plains, frozen	0-8	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	8-21	1.00-1.20	1.45- 3.26	0.24-0.28	2.0-6.0	2.0-4.0	.43	.43			
	21-78	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	8.0-12	.28	.28			
	78-150	---	---	---	---	0.5-2.0	.28	.28			
Boreal-riparian wet meadow organic depressions	0-56	0.05-0.15	5.07-15.22	0.32-0.35	---	70-95	---	---	5	8	---
	56-150	1.10-1.25	1.45- 3.26	0.17-0.20	2.0-6.0	0.5-2.0	.43	.43			
1ST1:											
Boreal-taiga deep loamy terraces, frozen	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-31	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.32	.32			
	31-53	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	8.0-12	.28	.28			
	53-150	---	---	---	---	0.0-0.2	.28	.28			
Boreal-taiga/tussock silty terraces, frozen	0-48	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	48-64	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	12-20	.32	.32			
	64-150	---	---	---	---	4.0-9.0	.32	.32			
Boreal-riparian wet meadow organic depressions	0-56	0.05-0.15	5.07-15.22	0.32-0.35	---	70-95	---	---	5	8	---
	56-150	1.10-1.25	1.45- 3.26	0.17-0.20	2.0-6.0	0.5-2.0	.43	.43			
1STW:											
Boreal-taiga/tussock silty terraces, frozen	0-48	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	48-64	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	12-20	.32	.32			
	64-150	---	---	---	---	4.0-9.0	.32	.32			
Boreal-taiga loamy channels, frozen	0-24	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	24-31	1.00-1.20	1.45- 3.26	0.24-0.28	2.0-6.0	2.0-4.0	.32	.32			
	31-53	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	8.0-12	.28	.28			
	53-150	---	---	---	---	0.5-2.0	.28	.28			
Boreal-taiga deep loamy terraces, frozen	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-31	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.32	.32			
	31-53	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	8.0-12	.28	.28			
	53-150	---	---	---	---	0.0-0.2	.28	.28			
1STW2:											
Boreal-taiga gravelly alluvial plains, wet	0-43	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	43-150	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.2-1.0	.15	.28			
Boreal-riparian scrub silty drains, frozen	0-24	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	24-99	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	10-20	.28	.28			
	99-150	---	---	---	---	0.2-1.0	.43	.43			
Boreal-riparian fen organic depressions	0-54	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	54-130	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.5-2.0	.24	.28			
	130-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
2FG:											
Boreal-taiga/tussock silty terraces, frozen	0-48	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	48-64	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	12-20	.32	.32			
	64-150	---	---	---	---	4.0-9.0	.32	.32			
Boreal-taiga peat plateaus, frozen	0-45	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	45-150	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
2FP2:											
Boreal-riparian forested loamy schist flood plains	0-5	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	5-11	1.00-1.15	1.45- 3.26	0.38-0.42	0.2-1.5	2.0-6.0	.43	.43			
	11-73	1.10-1.25	1.45- 5.07	0.17-0.22	0.2-1.5	1.0-2.0	.28	.28			
	73-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian scrub loamy schist flood plains	0-9	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	9-25	1.00-1.20	1.45- 5.07	0.18-0.22	2.0-6.0	2.0-4.0	.28	.28			
	25-66	1.10-1.25	1.45- 5.07	0.17-0.22	0.2-1.5	1.0-2.0	.28	.28			
	66-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian forested gravelly flood plains	0-4	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	4-8	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	8-19	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
	19-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
2FP3:											
Boreal-riparian forested loamy flood plains, Kuskokwim Plains	0-5	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	5-25	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	25-92	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	92-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian forested loamy flood plains, moderately wet	0-2	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	2-33	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	3.0-6.0	.28	.28			
	33-54	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	54-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian forested gravelly flood plains	0-4	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	4-8	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	8-19	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
	19-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
2FW2:											
Boreal-taiga deep loamy terraces, frozen	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-31	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.32	.32			
	31-53	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	8.0-12	.28	.28			
	53-150	---	---	---	---	0.0-0.2	.28	.28			
Boreal-taiga loamy channels, frozen	0-24	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	24-31	1.00-1.20	1.45- 3.26	0.24-0.28	2.0-6.0	2.0-4.0	.32	.32			
	31-53	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	8.0-12	.28	.28			
	53-150	---	---	---	---	0.5-2.0	.28	.28			
2P:											
Boreal-taiga silty outwash plains, frozen	0-28	0.05-0.15	5.07-15.22	0.32-0.35	---	65-90	---	---	1	8	---
	28-86	1.00-1.15	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-9.0	.43	.43			
	86-150	---	---	---	---	4.0-9.0	.43	.43			
2ST:											
Boreal-forested gravelly 160 terraces	0-10	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	
	10-20	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	20-29	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
	29-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Boreal-taiga loamy terraces, frozen	0-37	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	37-41	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	41-44	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.5-2.0	.28	.28			
	44-90	---	---	---	---	0.5-2.0	.28	.28			
	90-150	---	---	---	---	0.0-0.2	.02	.10			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
2ST2:											
Boreal-riparian forested gravelly high flood plains, Kuskokwim Plains	0-4	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	4-8	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	8-19	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
	19-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian forested gravelly flood plains	0-4	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	4-8	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	8-19	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
	19-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
3BG:											
Boreal-loamy wet meadows	0-8	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-28	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.37	.37			
	28-150	1.10-1.25	1.45- 5.07	0.13-0.16	2.0-6.0	0.5-2.0	.32	.32			
Boreal-bog organic depressions	0-63	0.05-0.15	5.07-15.22	0.32-0.35	---	70-95	---	---	5	8	---
	63-143	---	---	---	---	---	---	---			
	143-150	0.05-0.15	5.07-15.22	0.32-0.35	0.2-1.5	0.0-1.0	.32	.32			
3C:											
Boreal-taiga/tussock silty colluvial slopes, frozen	0-40	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	40-77	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	12-20	.32	.32			
	77-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga silty colluvial slopes, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	23-35	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-16	.43	.43			
	35-58	0.90-1.10	1.45- 3.26	0.20-0.24	2.0-6.0	4.0-9.0	.43	.43			
	58-150	---	---	---	---	4.0-9.0	.43	.43			
3DH:											
Boreal-taiga/tussock silty loess slopes, frozen	0-40	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	40-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-12.0	12-20	.32	.32			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga silty loess slopes, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	23-39	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-16	.43	.43			
	39-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga/tussock silty colluvial slopes, frozen	0-40	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	40-77	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	12-20	.32	.32			
	77-150	---	---	---	---	4.0-9.0	.43	.43			
3FG:											
Boreal-taiga/tussock silty loess slopes, frozen	0-40	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	40-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-12.0	12-20	.32	.32			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga silty loess slopes, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	23-39	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-16	.43	.43			
	39-150	---	---	---	---	4.0-9.0	.43	.43			
3FG3:											
Boreal-taiga silty loess slopes, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	23-39	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-16	.43	.43			
	39-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga/tussock silty loess slopes, frozen	0-40	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	40-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-12.0	12-20	.32	.32			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga peat plateaus, frozen	0-45	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	45-150	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
3FP1:											
Boreal-riparian forested loamy flood plains, Kuskokwim Plains	0-5	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	5-25	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	25-92	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	92-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
Boreal-taiga loamy terraces, frozen	0-37	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	37-41	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	41-44	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.5-2.0	.28	.28			
	44-90	---	---	---	---	0.5-2.0	.28	.28			
	90-150	---	---	---	---	0.0-0.2	.02	.10			
Boreal-riparian forested loamy flood plains, moderately wet	0-2	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	2-33	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	3.0-6.0	.28	.28			
	33-54	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	54-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
3FP3:											
Boreal-taiga/tussock mica rich silty terraces, frozen	0-38	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	38-48	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	12-20	.32	.32			
	48-150	---	---	---	---	4.0-9.0	.32	.32			
Boreal-riparian forested mica-rich loamy flood plains, frozen	0-8	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	8-21	1.00-1.20	1.45- 3.26	0.24-0.28	2.0-6.0	2.0-4.0	.43	.43			
	21-78	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	8.0-12	.28	.28			
	78-150	---	---	---	---	0.5-2.0	.28	.28			
Boreal-taiga mica rich loamy channels, frozen	0-24	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	24-31	1.00-1.20	1.45- 3.26	0.24-0.28	2.0-6.0	2.0-4.0	.32	.32			
	31-53	1.10-1.35	5.07- 7.61	0.14-0.18	0.2-1.5	8.0-12	.28	.28			
	53-150	---	---	---	---	0.5-2.0	.28	.28			
3FU:											
Boreal-taiga silty loess slopes, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	23-39	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-16	.43	.43			
	39-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga/tussock silty loess slopes, frozen	0-40	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	40-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-12.0	12-20	.32	.32			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
3FU2:											
Boreal-taiga peat plateaus, frozen	0-45	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	45-150	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---			
Boreal-taiga/tussock silty loess slopes, frozen	0-40	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	40-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-12.0	12-20	.32	.32			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga silty loess slopes, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	23-39	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-16	.43	.43			
	39-150	---	---	---	---	4.0-9.0	.43	.43			
3FU3:											
Boreal-taiga loamy eolian slopes, frozen	0-29	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	29-40	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.37	.37			
	40-54	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.5-2.0	.24	.28			
	54-150	---	---	---	---	0.5-2.0	.24	.28			
Boreal-taiga/tussock loamy eolian slopes, frozen	0-24	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	24-46	1.10-1.30	5.07- 7.61	0.15-0.20	0.2-1.5	6.0-10	.32	.32			
	46-58	1.10-1.30	5.07- 7.61	0.12-0.16	0.2-1.5	6.0-10	.28	.28			
	58-150	---	---	---	---	0.5-2.0	.28	.28			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
3FU3:											
Boreal-forested sandy hills	0-7	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	7-9	1.10-1.25	1.45- 3.26	0.30-0.32	2.0-6.0	2.0-6.0	.43	.43			
	9-16	1.10-1.25	1.45- 3.26	0.30-0.32	2.0-6.0	2.0-5.0	.43	.43			
	16-44	1.20-1.40	15.22-50.72	0.05-0.07	0.2-1.5	0.0-0.2	.24	.24			
	44-150	1.20-1.40	15.22-50.72	0.05-0.07	0.2-1.5	0.0-0.2	.24	.24			
3FU4:											
Boreal-taiga silty loess slopes, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	23-39	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-16	.43	.43			
	39-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga silty loess hills, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	23-27	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.43	.43			
	27-39	0.90-1.10	1.45- 3.26	0.20-0.24	2.0-6.0	4.0-9.0	.43	.43			
	39-150	---	---	---	---	4.0-9.0	.43	.43			
3Y:											
Boreal-taiga silty loess slopes, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	23-39	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-16	.43	.43			
	39-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga/tussock silty loess slopes, frozen	0-40	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	40-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-12.0	12-20	.32	.32			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga silty loess hills, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	23-27	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.43	.43			
	27-39	0.90-1.10	1.45- 3.26	0.20-0.24	2.0-6.0	4.0-9.0	.43	.43			
	39-150	---	---	---	---	4.0-9.0	.43	.43			
4BS:											
Boreal-taiga mica rich silt loess slopes	0-10	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	2	134
	10-19	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.43	.43			
	19-41	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.17	.55			
	41-84	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	84-150	---	---	---	---	---	---	---			
Boreal-taiga silty schist slopes, frozen	0-25	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	25-35	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.43	.43			
	35-89	---	---	---	---	0.0-0.2	.10	.55			
	89-150	---	---	---	---	---	---	---			
4BSS:											
Boreal-forested mica rich silty loess slopes	0-6	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	3	2	134
	6-9	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-10	.43	.43			
	9-56	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	2.0-6.0	.43	.43			
	56-141	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	---	.43	.43			
	141-150	---	---	---	---	---	---	---			
4FS:											
Boreal-taiga mica rich silty colluvial slopes, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	23-39	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-16	.43	.43			
	39-150	---	---	---	---	4.0-9.0	.43	.43			
4S1:											
Alpine-scrub gravelly schist circles, Kuskokwim Mountains	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	1-3	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-14	.43	.43			
	3-11	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	11-150	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	>150	---	---	---	---	---	---	---			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
4S1:											
Alpine-tussock-scrub	0-31	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
mica rich silty slopes,	31-61	0.80-0.95	1.45- 3.26	0.17-0.20	1.0-5.0	12-20	.32	.32			
Kuskokwim Mountains	61-150	---	---	---	---	4.0-9.0	.43	.43			
Alpine-scrub-sedge	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
gravelly schist	20-34	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-18	.32	.32			
hummocks, frozen	34-42	1.35-1.55	2.90- 7.97	0.08-0.14	2.0-6.0	0.1-0.4	.17	.55			
	42-150	---	---	---	---	0.0-0.2	.10	.32			
4TS:											
Boreal-tussock-scrub	0-40	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
mica rich silty loess	40-77	0.80-0.95	1.45- 3.26	0.17-0.20	1.0-5.0	12-20	.32	.32			
slopes, frozen	77-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga mica rich	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
silty frozen colluvial	23-35	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-16	.43	.43			
slopes, Kuskokwim	35-58	0.90-1.10	1.45- 3.26	0.20-0.24	1.0-5.0	4.0-9.0	.43	.43			
Mountains	58-150	---	---	---	---	4.0-9.0	.43	.43			
5MS21:											
Boreal-forested silty	0-9	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
schist slopes, wet	9-18	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.43	.43			
	18-27	1.20-1.40	2.90- 7.97	0.08-0.14	1.0-5.0	4.0-8.0	.24	.32			
	27-103	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.55			
	103-150	---	---	---	---	---	---	---			
Subalpine-scrub gravelly	0-9	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
schist colluvial slopes	9-30	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.43	.43			
	30-58	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	58-84	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	84-150	---	---	---	---	---	---	---			
Boreal-taiga gravelly	0-25	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
schist slopes, frozen	25-35	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-14	.43	.43			
	35-89	---	---	---	---	0.0-0.2	.10	.55			
	89-150	---	---	---	---	---	---	---			
5P1:											
Alpine-scrub gravelly	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
schist circles, frozen	1-3	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-14	.43	.43			
	3-11	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	11-150	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	>150	---	---	---	---	---	---	---			
Alpine-dwarf scrub	0-3	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	6.0-12	.28	.55	5	8	---
gravelly schist steps	3-45	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
and lobes	45-150	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.0	.10	.32			
	>150	---	---	---	---	---	---	---			
5P1:											
Alpine-sedge-dwarf scrub	0-17	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	3	8	---
gravelly schist lobes	17-21	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	6.0-12	.17	.55			
and stripes, frozen	21-130	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.1-0.6	.10	.32			
	130-150	---	---	---	---	---	---	---			
5SA1:											
Alpine-dwarf scrub	0-2	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	2.0-5.0	.28	.55	2	8	---
gravelly schist	2-28	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.17	.55			
colluvial slopes	28-86	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.0	.10	.55			
	86-150	---	---	---	---	---	---	---			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
5SA1:											
Alpine-dwarf scrub gravelly schist steps and lobes	0-3	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	6.0-12	.28	.55	5	8	---
	3-45	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	45-150	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.0	.10	.32			
	>150	---	---	---	---	---	---	---			
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
5SA2:											
Alpine-scrub gravelly schist circles, frozen	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	1-3	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-14	.43	.43			
	3-11	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	11-150	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	>150	---	---	---	---	---	---	---			
Subalpine-scrub-meadow mosaic gravelly schist swales	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	2	134
	3-9	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.32	.32			
	9-124	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	124-150	---	---	---	---	---	---	---			
Alpine-scrub-sedge-gravelly schist hummocks, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-34	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-18	.32	.32			
	34-42	1.35-1.55	2.90- 7.97	0.08-0.14	2.0-6.0	0.1-0.4	.10	.32			
	42-150	---	---	---	---	0.0-0.2	.10	.32			
5SA11:											
Alpine-scrub mosaic gravelly colluvial schist slopes	0-2	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	2.0-5.0	.28	.55	2	8	---
	2-28	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.17	.55			
	28-86	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.0	.10	.55			
	86-150	---	---	---	---	---	---	---			
Subalpine-scrub-meadow mosaic gravelly schist swales	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	2	134
	3-9	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.32	.32			
	9-124	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	124-150	---	---	---	---	---	---	---			
Alpine-scrub gravelly schist colluvial slopes, thick surface	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	8	---
	3-8	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	8-20	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	20-150	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.55			
	>150	---	---	---	---	---	---	---			
5TS1:											
Alpine-scrub gravelly schist circles, frozen	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	1-3	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-14	.43	.43			
	3-11	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	11-150	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	>150	---	---	---	---	---	---	---			
Alpine-scrub gravelly schist colluvial slopes, thick surface	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	8	---
	3-8	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	8-20	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	20-150	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.55			
	>150	---	---	---	---	---	---	---			
Alpine-scrub-sedge-gravelly schist hummocks, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-34	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-18	.32	.32			
	34-42	1.35-1.55	2.90- 7.97	0.08-0.14	2.0-6.0	0.1-0.4	.10	.32			
	42-150	---	---	---	---	0.0-0.2	.10	.32			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
5V1:											
Alpine-scrub gravelly schist terraces	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Alpine-scrub gravelly schist colluvial toeslopes, frozen	0-23	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	86
	23-31	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-14	.43	.43			
	31-45	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	1.0-4.0	.43	.43			
	45-150	---	---	---	---	0.0-0.2	.28	.43			
Alpine-riparian scrub gravelly schist flood plains	0-7	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	7-19	1.00-1.20	1.45- 5.07	0.18-0.22	2.0-6.0	6.0-10	.43	.43			
	19-150	1.45-1.60	7.97-50.72	0.08-0.12	0.0-0.2	0.0-0.2	.02	.10			
5V2:											
Boreal-forested gravelly schist terraces	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	4-9	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	9-22	1.50-1.60	6.88-10.14	0.10-0.14	0.0-0.2	0.2-1.0	.15	.55			
	22-37	1.50-1.60	6.88-10.14	0.10-0.14	0.0-0.2	0.2-1.0	.15	.55			
	37-150	1.50-1.60	6.88-10.14	0.10-0.14	0.0-0.2	0.0-0.2	.15	.55			
Boreal-riparian forested gravelly schist flood plains	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	8	---
	3-44	1.50-1.60	15.22-50.72	0.06-0.12	0.0-0.2	0.2-1.0	.02	.20			
	44-150	1.50-1.60	15.22-50.72	0.06-0.12	0.0-0.2	0.0-0.0	.02	.20			
7AF:											
Alpine-scrub silty fan terraces	0-7	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	2	134
	7-41	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	8.0-20	.37	.37			
	41-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Alpine-scrub gravelly terraces	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-2.0	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
7AF2:											
Alpine-scrub gravelly terraces	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-2.0	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Subalpine-riparian scrub gravelly fan terraces	0-2	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	2-10	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.32	.32			
	10-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
7AFF:											
Boreal-woodland gravelly terraces	0-10	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	10-20	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	20-29	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
	29-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian forested loamy flood plains, very wet	0-4	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	4-33	1.00-1.20	1.45- 5.07	0.13-0.16	2.0-6.0	3.0-6.0	.28	.28			
	33-56	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
	56-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
7AFF:											
Boreal-taiga high elevation loamy terraces, frozen	0-27	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	27-72	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.5-2.0	.17	.24			
	72-150	---	---	---	---	0.0-0.0	.28	.28			
7CE:											
Alpine-scrub gravelly moraines, calcareous	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	8	---
	1-9	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.1-0.4	.10	.24			
	9-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.0	.10	.24			
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
7CEF:											
Alpine-dwarf scrub gravelly diorite moraines	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	1-7	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.10	.24			
	7-150	1.40-1.60	7.25-72.46	0.02-0.04	0.5-5.0	0.0-0.2	.02	.10			
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
7ES:											
Boreal-forested gravelly colluvial slopes, dissected	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	5-11	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	1.0-4.0	.43	.43			
	11-32	1.30-1.50	2.17- 4.35	0.10-0.14	2.0-6.0	0.4-0.8	.17	.28			
	32-150	1.40-1.60	7.25-72.46	0.04-0.12	2.0-6.0	0.0-0.2	.02	.10			
Alpine-scrub gravelly till slopes	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	5-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-8.0	.43	.43			
	9-10	0.70-0.95	1.45- 3.26	0.38-0.42	0.5-5.0	2.0-4.0	.43	.43			
	10-40	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.10	.24			
	40-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
7FGA:											
Alpine-tussock-scrub silty loess slopes, frozen	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-30	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	12-20	.37	.37			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
Alpine-scrub-sedge gravelly slopes, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-30	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-54	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.1-0.4	.10	.24			
	54-150	---	---	---	---	0.0-0.2	.10	.24			
7FP1:											
Boreal-riparian forested loamy high flood plains	0-7	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	7-17	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	17-43	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	43-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian scrub gravelly flood plains, moderately wet	0-12	0.90-1.00	1.53- 5.11	0.16-0.18	0.2-1.5	0.0-2.0	.28	.28	5	3	86
	12-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian scrub loamy flood plains	0-5	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	5-25	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	25-92	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	92-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
7FP2:											
Alpine-riparian scrub gravelly flood plains, moderately wet	0-12	0.90-1.00	1.53- 5.11	0.16-0.18	0.2-1.5	0.0-2.0	.28	.28	5	3	86
	12-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Alpine-riparian scrub gravelly flood plains	0-5	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	5-12	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	12-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Nonvegetated alluvium	---	---	---	---	---	---	---	---	-	---	---
7FP11:											
Boreal-riparian forested loamy flood plains, very wet	0-4	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	4-33	1.00-1.20	1.45- 5.07	0.13-0.16	2.0-6.0	3.0-6.0	.28	.28			
	33-56	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
	56-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian forested gravelly high flood plains	0-9	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	9-13	1.00-1.20	1.45- 5.07	0.13-0.16	2.0-6.0	2.0-4.0	.28	.28			
	13-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian scrub gravelly diorite flood plains, moderately wet	0-12	0.90-1.00	1.53- 5.11	0.16-0.18	0.2-1.5	0.0-2.0	.28	.28	5	3	86
	12-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
7FP21:											
Alpine-scrub mosaic gravelly diorite terraces	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Alpine-riparian scrub gravelly diorite flood plains, moderately wet	0-12	0.90-1.00	1.53- 5.11	0.16-0.18	0.2-1.5	0.0-2.0	.28	.28	5	3	86
	12-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Alpine-scrub loamy terraces	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	5-17	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	17-23	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	23-34	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	0.0-0.2	.28	.28			
	34-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
7MFA:											
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen	0-21	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	21-28	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	6.0-12	.43	.43			
	28-51	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.1-0.4	.10	.32			
	51-150	---	---	---	---	0.0-0.2	.10	.32			
	>150	---	---	---	---	---	---	---			
Alpine-scrub-meadow mosaic gravelly schist swales	0-6	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	2	134
	6-29	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-14	.43	.43			
	29-87	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.55			
	87-150	---	---	---	---	---	---	---			
Alpine-dwarf scrub gravelly schist steps and lobes	0-3	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	6.0-12	.28	.55	5	8	---
	3-45	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	45-150	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.0	.10	.32			
	>150	---	---	---	---	---	---	---			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
7MS1D:											
Alpine-dwarf scrub dark gravelly colluvial slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	3-9	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	9-48	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	4.0-8.0	.24	.64			
	48-72	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	0.0-0.2	.24	.64			
	72-150	---	---	---	---	---	---	---			
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
Alpine-scrub gravelly colluvial slopes	0-7	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	3	1	160
	7-13	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	13-44	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	1.0-6.0	.10	.32			
	44-120	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	0.0-0.2	.10	.32			
	120-150	---	---	---	---	---	---	---			
7MS1L:											
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
Alpine-dwarf scrub gravelly colluvial slopes	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	2-6	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	6-38	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.4-0.8	.10	.32			
	38-150	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.0-0.2	.05	.32			
	>150	---	---	---	---	---	---	---			
Alpine-scrub gravelly colluvial slopes	0-7	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	3	1	160
	7-13	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	13-44	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	1.0-6.0	.10	.32			
	44-120	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	0.0-0.2	.10	.32			
	120-150	---	---	---	---	---	---	---			
7MS2:											
Boreal-forested gravelly till slopes, moderately wet	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	3-38	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	8.0-20	.43	.43			
	38-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.17	.37			
Boreal-forested gravelly warm till slopes	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	8-12	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-12	.43	.43			
	12-21	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.24	.24			
	21-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.24	.24			
7MS3:											
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	29-32	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	32-150	---	---	---	---	0.0-0.2	.17	.37			
Alpine-scrub gravelly till circles, frozen	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	1-4	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	6.0-14	.43	.43			
	5-23	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.28	.37			
	23-120	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
	120-150	---	---	---	---	0.0-0.2	.28	.37			
Subalpine-scrub-meadow mosaic gravelly till swales	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	8-38	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	8.0-20	.43	.43			
	38-69	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
	69-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
7MS4:											
Boreal-taiga loamy drift slopes, frozen	0-21	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	21-28	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	28-58	1.50-1.60	5.07- 7.61	0.12-0.16	0.5-5.0	0.1-0.4	.37	.37			
	58-150	---	---	---	---	0.0-0.2	.37	.37			
7MS31:											
Alpine-dwarf scrub gravelly till slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	3-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-12	.43	.43			
	9-38	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	38-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	29-32	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	32-150	---	---	---	---	0.0-0.2	.17	.37			
Alpine-scrub-meadow mosaic gravelly till swales	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	3-21	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	8.0-20	.43	.43			
	21-32	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	1.0-4.0	.28	.37			
	32-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
7MSA:											
Alpine-dwarf scrub gravelly diorite colluvial slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	3-9	1.30-1.50	2.17- 4.35	0.10-0.14	2.0-6.0	4.0-10	.28	.37			
	9-34	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	34-150	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.0-0.0	.10	.24			
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
Alpine-dwarf scrub gravelly diorite colluvial slopes, cold	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	3-9	1.30-1.50	2.17- 4.35	0.10-0.14	2.0-6.0	4.0-10	.28	.37			
	9-34	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	34-150	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.0-0.0	.10	.24			
7MSC:											
Alpine-dwarf scrub gravelly fan terraces	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	2-8	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	8-29	1.50-1.60	2.90- 6.52	0.09-0.12	0.0-0.2	0.4-0.8	.10	.24			
	29-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Alpine-dwarf scrub-meadow mosaic gravelly fan swales	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	3-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-150	1.50-1.60	5.07-15.22	0.02-0.04	0.0-0.2	0.0-0.2	.05	.24			
Alpine-dwarf scrub gravelly colluvial slopes	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	2-6	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	6-38	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.4-0.8	.10	.32			
	38-150	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.0-0.2	.05	.32			
	>150	---	---	---	---	---	---	---			
7MSHD:											
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
Alpine-dwarf scrub dark gravelly colluvial slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	3-9	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	9-48	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	4.0-8.0	.24	.64			
	48-72	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	0.0-0.2	.24	.64			
	72-150	---	---	---	---	---	---	---			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
7MSHD:											
Alpine-dwarf scrub dark gravelly colluvial slopes, cold	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	3-9	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	9-48	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	4.0-8.0	.24	.64			
	48-72	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	0.0-0.2	.24	.64			
	72-150	---	---	---	---	---	---	---			
7MSHL:											
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
Alpine-dwarf scrub gravelly colluvial slopes	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	2-6	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	6-38	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.4-0.8	.10	.32			
	38-150	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.0-0.2	.05	.32			
	>150	---	---	---	---	---	---	---			
Alpine-dwarf scrub gravelly colluvial slopes, cold	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	2-6	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	6-38	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.4-0.8	.17	.37			
	38-150	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.0-0.2	.17	.37			
	>150	---	---	---	---	---	---	---			
7MSHS:											
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
Alpine-dwarf scrub gravelly schist colluvial slopes	0-2	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	2.0-5.0	.28	.55	2	8	---
	2-28	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.17	.55			
	28-86	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.0	.10	.55			
	86-150	---	---	---	---	---	---	---			
Alpine-dwarf scrub gravelly schist steps and lobes	0-3	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	6.0-12	.28	.55	5	8	---
	3-45	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	45-150	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.0	.10	.32			
	>150	---	---	---	---	---	---	---			
7NG:											
Alpine-scrub mosaic gravelly slopes	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	2-8	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	8-48	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.17	.24			
	48-150	1.40-1.60	7.25-72.46	0.02-0.04	0.5-5.0	0.0-0.2	.02	.10			
Alpine-scrub-sedge gravelly slopes, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-30	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-54	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.1-0.4	.10	.24			
	54-150	---	---	---	---	0.0-0.2	.10	.24			
Alpine-scrub gravelly circles, frozen	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	1-5	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	6.0-14	.43	.43			
	5-23	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.28	.37			
	23-120	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
	120-150	---	---	---	---	0.0-0.2	.28	.37			
7NG2:											
Alpine-scrub gravelly slopes	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	5-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-8.0	.43	.43			
	9-10	0.70-0.95	1.45- 3.26	0.38-0.42	0.5-5.0	2.0-4.0	.43	.43			
	10-40	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.10	.24			
	40-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
7NG2:											
Subalpine-scrub-meadow mosaic gravelly swales, Nenana Gravels	0-7	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	7-28	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	28-61	1.40-1.60	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	61-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-scrub-meadow mosaic gravelly till swales	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	3-21	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	8.0-20	.43	.43			
	21-32	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	1.0-4.0	.28	.37			
	32-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
7P1:											
Alpine-scrub gravelly outwash slopes	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Alpine-scrub-sedge loamy terraces, frozen	0-21	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	21-61	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.5-2.0	.17	.24			
	61-150	---	---	---	---	0.0-0.2	.02	.10			
Subalpine-scrub-meadow mosaic gravelly till swales	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	3	1	160
	8-38	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	8.0-20	.43	.43			
	38-69	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
	69-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
7P2:											
Boreal-forested gravelly outwash slopes	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Boreal-meadow loamy outwash slope depressions	0-7	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	7-33	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.43	.43			
	33-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
7P4:											
Boreal-forested gravelly till slopes	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	5-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-8.0	.43	.43			
	9-10	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	2.0-4.0	.43	.43			
	10-40	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.10	.24			
	40-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Boreal-taiga loamy drift slopes, frozen	0-21	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	21-28	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	28-58	1.50-1.60	5.07- 7.61	0.12-0.16	0.5-5.0	0.1-0.4	.37	.37			
	58-150	---	---	---	---	0.0-0.2	.37	.37			
Boreal-forested gravelly outwash slopes	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
7P6:											
Boreal-taiga high elevation loamy terraces, frozen	0-27	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	27-72	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.5-2.0	.17	.24			
	72-150	---	---	---	---	0.0-0.0	.28	.28			
Boreal-woodland gravelly terraces	0-10	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	10-20	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	20-29	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
	29-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
7SA1:											
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
Alpine-dwarf scrub dark gravelly colluvial slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	3-9	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	9-48	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	4.0-8.0	.24	.64			
	48-72	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	0.0-0.2	.24	.64			
	72-150	---	---	---	---	---	---	---			
Alpine-scrub gravelly colluvial slopes	0-7	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	7-13	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	13-44	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	1.0-6.0	.10	.32			
	44-120	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	0.0-0.2	.10	.32			
	120-150	---	---	---	---	---	---	---			
7SA3:											
Subalpine-scrub-meadow mosaic gravelly till swales	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	8-38	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	8.0-20	.43	.43			
	38-69	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
	69-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
Alpine-scrub gravelly till slopes, frozen	0-18	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	18-26	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-5.0	8.0-20	.37	.37			
	26-78	1.25-1.40	1.45- 3.26	0.10-0.14	2.0-5.0	4.0-8.0	.17	.37			
	78-96	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.17	.37			
	96-150	---	---	---	---	0.0-0.2	.17	.37			
Alpine-scrub gravelly till slopes	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	5-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-8.0	.43	.43			
	9-10	0.70-0.95	1.45- 3.26	0.38-0.42	0.5-5.0	2.0-4.0	.43	.43			
	10-40	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.10	.24			
	40-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
7SA31:											
Subalpine-scrub gravelly colluvial slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	3-11	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	11-26	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	4.0-8.0	.10	.32			
	26-88	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	0.0-0.0	.10	.32			
	88-150	---	---	---	---	---	---	---			
Subalpine-scrub-meadow mosaic gravelly till swales	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	8-38	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	8.0-20	.43	.43			
	38-69	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
	69-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
Alpine-scrub gravelly till slopes	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	5-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-8.0	.43	.43			
	9-10	0.70-0.95	1.45- 3.26	0.38-0.42	0.5-5.0	2.0-4.0	.43	.43			
	10-40	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.10	.24			
	40-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
7ST:											
Alpine-scrub gravelly terraces	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-2.0	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Alpine-scrub loamy terraces	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	5-17	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	17-23	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	23-34	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	0.0-0.2	.28	.28			
	34-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
7STF:											
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-30	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	12-20	.37	.37			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga high elevation loamy terraces, frozen	0-27	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	27-72	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.5-2.0	.17	.24			
	72-150	---	---	---	---	0.0-0.0	.28	.28			
7TM:											
Alpine-dwarf scrub gravelly till slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	3-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-12	.43	.43			
	9-38	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	38-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-scrub gravelly till circles, frozen	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	1-4	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	6.0-14	.43	.43			
	5-23	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.28	.37			
	23-120	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
	120-150	---	---	---	---	0.0-0.2	.28	.37			
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	29-32	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	32-150	---	---	---	---	0.0-0.2	.17	.37			
7TM1:											
Alpine-dwarf scrub gravelly till steps and lobes	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	5-8	0.70-0.95	1.45- 3.26	0.38-0.42	0.5-5.0	4.0-8.0	.28	.37			
	8-38	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.17	.37			
	38-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	---	.17	.37			
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	29-32	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	32-150	---	---	---	---	0.0-0.2	.17	.37			
Alpine-scrub-meadow mosaic gravelly till swales	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	3-21	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	8.0-20	.43	.43			
	21-32	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	1.0-4.0	.28	.37			
	32-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
7TM2:											
Alpine-scrub gravelly till slopes, frozen	0-18	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	18-26	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-5.0	8.0-20	.37	.37			
	26-78	1.25-1.40	1.45- 3.26	0.10-0.14	2.0-5.0	4.0-8.0	.17	.37			
	78-96	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.17	.37			
	96-150	---	---	---	---	0.0-0.2	.17	.37			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
7TM2:											
Alpine-dwarf scrub gravelly till slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	3-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-12	.43	.43			
	9-38	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	38-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Subalpine-scrub-meadow mosaic gravelly till swales	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	8-38	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	8.0-20	.43	.43			
	38-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
7TM21:											
Alpine-dwarf scrub gravelly diorite till slopes	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	1-7	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.17	.43			
	7-47	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.17	.24			
	47-150	1.40-1.60	7.25-72.46	0.02-0.04	0.5-5.0	0.0-0.2	.02	.10			
Alpine-dwarf scrub gravelly diorite till hummocks and lobes	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	5-8	0.70-0.95	1.45- 3.26	0.38-0.42	0.5-5.0	4.0-8.0	.28	.37			
	8-38	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.17	.37			
	38-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	---	.17	.37			
Alpine-scrub gravelly diorite till slopes	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	134
	2-5	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-8.0	.43	.43			
	5-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	2.0-4.0	.32	.43			
	9-41	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.10	.24			
	41-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
7TM24:											
Alpine-dwarf scrub gravelly diorite colluvial slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	3-9	1.30-1.50	2.17- 4.35	0.10-0.14	2.0-6.0	4.0-10	.28	.37			
	9-34	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	34-150	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.0-0.0	.10	.24			
Alpine-dwarf scrub gravelly diorite fans	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	3-12	1.20-1.50	1.45- 3.26	0.14-0.17	2.0-6.0	4.0-10	.43	.43			
	12-20	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	20-150	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-dwarf scrub gravelly diorite fans, cold	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	3-12	1.20-1.50	1.45- 3.26	0.14-0.17	2.0-6.0	4.0-10	.43	.43			
	12-20	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	20-150	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
7TMS:											
Alpine-dwarf scrub gravelly till slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	3-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-12	.43	.43			
	9-38	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	38-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-dwarf scrub gravelly till steps and lobes	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	5-8	0.70-0.95	1.45- 3.26	0.38-0.42	0.5-5.0	4.0-8.0	.28	.37			
	8-38	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.17	.37			
	38-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	---	.17	.37			
Alpine-dwarf scrub gravelly till slopes, cold	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	3-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-12	.43	.43			
	9-38	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	38-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
7TP:											
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	29-32	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	32-150	---	---	---	---	0.0-0.2	.17	.37			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
7TP:											
Alpine-scrub-meadow mosaic gravelly till swales	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	3-21	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	8.0-20	.43	.43			
	21-32	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	1.0-4.0	.28	.37			
	32-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
Alpine-scrub gravelly till circles, frozen	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	1-4	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	6.0-14	.43	.43			
	5-23	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.28	.37			
	23-120	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
	120-150	---	---	---	---	0.0-0.2	.28	.37			
7TP2:											
Alpine-scrub gravelly till slopes	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	5-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-8.0	.43	.43			
	9-10	0.70-0.95	1.45- 3.26	0.38-0.42	0.5-5.0	2.0-4.0	.43	.43			
	10-40	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.10	.24			
	40-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-scrub mosaic gravelly till slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	3-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-12	.43	.43			
	9-38	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.17	.24			
	38-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	29-32	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	32-150	---	---	---	---	0.0-0.2	.17	.37			
7TP3:											
Alpine-scrub gravelly till slopes	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	5-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-8.0	.43	.43			
	9-10	0.70-0.95	1.45- 3.26	0.38-0.42	0.5-5.0	2.0-4.0	.43	.43			
	10-40	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.10	.24			
	40-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Boreal-forested gravelly till slopes, moderately wet	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	3-38	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	8.0-20	.43	.43			
	38-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.17	.37			
Boreal-taiga gravelly till slopes, frozen	0-29	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	29-33	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	33-51	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.28	.37			
	51-150	---	---	---	---	0.0-0.2	.17	.37			
7TP4:											
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	29-32	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	32-150	---	---	---	---	0.0-0.2	.17	.37			
Boreal-taiga gravelly till slopes, frozen	0-29	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	29-33	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	33-51	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.28	.37			
	51-150	---	---	---	---	0.0-0.2	.17	.37			
7TP5:											
Boreal-taiga gravelly till slopes, frozen	0-29	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	29-33	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	33-51	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.28	.37			
	51-150	---	---	---	---	0.0-0.2	.17	.37			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
7TP5:											
Alpine-scrub gravelly till slopes	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	5-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-8.0	.43	.43			
	9-10	0.70-0.95	1.45- 3.26	0.38-0.42	0.5-5.0	2.0-4.0	.43	.43			
	10-40	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.10	.24			
	40-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
7TP8:											
Alpine-scrub gravelly diorite till slopes	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	134
	2-5	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-8.0	.43	.43			
	5-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	2.0-4.0	.32	.43			
	9-41	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.10	.24			
	41-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-dwarf scrub gravelly diorite till slopes	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	1-7	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.17	.43			
	7-47	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.17	.24			
	47-150	1.40-1.60	7.25-72.46	0.02-0.04	0.5-5.0	0.0-0.2	.02	.10			
Alpine-scrub-meadow mosaic gravelly diorite swales	0-6	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	3	86
	6-34	1.20-1.50	1.45- 3.26	0.14-0.17	2.0-6.0	4.0-10	.43	.43			
	34-62	1.45-1.65	5.07- 7.25	0.09-0.12	1.0-5.0	0.4-0.8	.05	.24			
	62-150	1.45-1.65	5.07- 7.25	0.09-0.12	1.0-5.0	0.0-0.2	.05	.24			
7V1:											
Alpine-scrub gravelly terraces	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-2.0	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Alpine-scrub-sedge loamy terraces, frozen	0-21	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	21-61	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.5-2.0	.17	.24			
	61-150	---	---	---	---	0.0-0.2	.02	.10			
Alpine-scrub-sedge gravelly till slopes, frozen	0-29	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	29-32	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	32-150	---	---	---	---	0.0-0.2	.17	.37			
7V1A:											
Alpine-dwarf scrub gravelly diorite fans	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	3-12	1.20-1.50	1.45- 3.26	0.14-0.17	2.0-6.0	4.0-10	.43	.43			
	12-20	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	20-150	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-scrub mosaic gravelly diorite terraces	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Alpine-dwarf scrub gravelly diorite fans, cold	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	3-12	1.20-1.50	1.45- 3.26	0.14-0.17	2.0-6.0	4.0-10	.43	.43			
	12-20	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	20-150	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
7V1B:											
Alpine-scrub mosaic gravelly diorite terraces	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Alpine-scrub loamy diorite terraces, frozen	0-28	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	28-31	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	31-68	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.0-0.2	.17	.24			
	68-150	---	---	---	---	0.0-0.2	.02	.10			
Subalpine-riparian scrub gravelly diorite flood plains	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	5-7	1.45-1.60	5.07- 7.61	0.12-0.16	0.2-1.5	0.5-2.0	.15	.24			
	7-12	1.00-1.20	1.45- 5.07	0.18-0.22	0.2-1.5	4.0-10	.24	.32			
	12-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
7V2:											
Boreal-forested loamy fan terraces	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	5-22	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-18	.37	.37			
	22-62	1.00-1.30	1.45- 3.26	0.38-0.42	0.2-1.5	0.0-0.2	.28	.28			
	62-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
Boreal-woodland gravelly terraces	0-10	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	10-20	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	20-29	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
	29-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Alpine-scrub gravelly terraces	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-2.0	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
7V5:											
Alpine-dwarf scrub gravelly fan terraces	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	2-8	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	8-29	1.50-1.60	2.90- 6.52	0.09-0.12	0.0-0.2	0.4-0.8	.10	.24			
	29-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Alpine-scrub-sedge loamy terraces, frozen	0-21	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	21-61	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.5-2.0	.17	.24			
	61-150	---	---	---	---	0.0-0.2	.02	.10			
Alpine-riparian scrub gravelly flood plains, cool	0-2	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	2-10	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	10-25	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
	25-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
7V11:											
Alpine-riparian scrub gravelly flood plains	0-5	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	5-12	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	12-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Nonvegetated alluvium	---	---	---	---	---	---	---	---	-	---	---
Alpine-scrub gravelly terraces	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-2.0	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
8FP1:											
Alpine-riparian scrub gravelly schist flood plains, moderately wet	0-1	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	1-11	1.00-1.20	1.45- 5.07	0.18-0.22	0.2-1.5	6.0-12	.28	.28			
	11-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Alpine-riparian scrub gravelly schist flood plains	0-7	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	7-19	1.00-1.20	1.45- 5.07	0.18-0.22	2.0-6.0	6.0-10	.43	.43			
	19-150	1.45-1.60	7.97-50.72	0.08-0.12	0.0-0.2	0.0-0.2	.02	.10			
Alpine-riparian scrub loamy schist flood plains, wet	0-9	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	9-25	1.00-1.20	1.45- 5.07	0.18-0.22	0.2-1.5	8.0-12	.28	.28			
	25-66	1.10-1.25	1.45- 5.07	0.17-0.22	0.2-1.5	1.0-2.0	.28	.28			
	66-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
8FP2:											
Boreal-riparian scrub gravelly schist flood plains, moderately wet	0-1	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	1	3	86
	1-11	1.00-1.20	1.45- 5.07	0.18-0.22	0.2-1.5	6.0-12	.28	.28			
	11-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian forested gravelly schist flood plains	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	8	---
	3-44	1.50-1.60	15.22-50.72	0.06-0.12	0.0-0.2	0.2-1.0	.02	.20			
	44-150	1.50-1.60	15.22-50.72	0.06-0.12	0.0-0.2	0.0-0.0	.02	.20			
Alpine-scrub gravelly schist terraces	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
8LM:											
Alpine-scrub-sedge silty hummocks, frozen	0-31	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	31-61	0.80-0.95	1.45- 3.26	0.17-0.20	1.0-5.0	12-20	.32	.32			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
Alpine-tussock-scrub mica rich silty slopes, frozen	0-31	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	31-61	0.80-0.95	1.45- 3.26	0.17-0.20	1.0-5.0	12-20	.32	.32			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
Alpine-scrub gravelly schist circles, frozen	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	1-3	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-14	.43	.43			
	3-11	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	11-150	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	>150	---	---	---	---	---	---	---			
8LM1:											
Alpine-scrub-sedge-gravelly schist hummocks, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-34	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-18	.32	.32			
	34-42	1.35-1.55	2.90- 7.97	0.08-0.14	2.0-6.0	0.1-0.4	.10	.32			
	42-150	---	---	---	---	0.0-0.2	.10	.32			
Alpine-scrub gravelly schist circles, frozen	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	1-3	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-14	.43	.43			
	3-11	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	11-150	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	>150	---	---	---	---	---	---	---			
Alpine-tussock-scrub gravelly schist slopes, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-34	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-18	.32	.32			
	34-42	1.35-1.55	2.90- 7.97	0.08-0.14	2.0-6.0	0.1-0.4	.10	.32			
	42-150	---	---	---	---	0.0-0.2	.10	.32			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
8LMF:											
Boreal-taiga high elevation silty mica rich loess hills, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	23-46	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.32	.32			
	46-58	0.90-1.10	1.45- 3.26	0.20-0.24	2.0-6.0	2.0-6.0	.43	.43			
	58-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga/tussock mica rich silty loess slopes, frozen	0-40	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	40-77	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	12-20	.37	.37			
	77-150	---	---	---	---	4.0-9.0	.43	.43			
8LMV:											
Alpine-dwarf scrub gravelly schist colluvial slopes	0-2	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	2.0-5.0	.28	.55	2	8	---
	2-28	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.17	.55			
	28-86	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.0	.10	.55			
	86-150	---	---	---	---	---	---	---			
Alpine-scrub gravelly schist colluvial slopes, thick surface	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	8	---
	3-8	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	8-20	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	20-150	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.55			
	>150	---	---	---	---	---	---	---			
Subalpine-scrub gravelly schist colluvial slopes	0-9	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	9-30	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.43	.43			
	30-58	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	58-84	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	84-150	---	---	---	---	---	---	---			
8MBS:											
Alpine-scrub gravelly schist colluvial slopes	0-2	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	2.0-5.0	.28	.55	5	8	---
	2-28	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.17	.55			
	28-86	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.0	.10	.55			
	86-150	---	---	---	---	---	---	---			
Alpine-scrub mosaic gravelly colluvial schist slopes	0-2	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	2.0-5.0	.28	.55	2	8	---
	2-28	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.17	.55			
	28-86	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.0	.10	.55			
	86-150	---	---	---	---	---	---	---			
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen	0-21	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	21-28	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	6.0-12	.43	.43			
	28-51	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.1-0.4	.10	.32			
	51-150	---	---	---	---	0.0-0.2	.10	.32			
	>150	---	---	---	---	---	---	---			
8MFS:											
Alpine-scrub gravelly schist colluvial toeslopes, frozen	0-23	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	86
	23-31	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-14	.43	.43			
	31-45	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	1.0-4.0	.43	.43			
	45-150	---	---	---	---	0.0-0.2	.28	.43			
Alpine-scrub gravelly schist colluvial slopes	0-2	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	2.0-5.0	.28	.55	5	8	---
	2-28	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.17	.55			
	28-86	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.0	.10	.55			
	86-150	---	---	---	---	---	---	---			
Subalpine-scrub-meadow mosaic gravelly schist swales	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	2	134
	3-9	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.32	.32			
	9-124	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	124-150	---	---	---	---	---	---	---			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
8MFS1:											
Boreal-taiga gravelly schist slopes, frozen	0-25	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	25-35	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-14	.43	.43			
	35-89	---	---	---	---	0.0-0.2	.10	.55			
	84-150	---	---	---	---	---	---	---			
Alpine-scrub gravelly schist colluvial toeslopes, frozen	0-23	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	86
	23-31	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-14	.43	.43			
	31-45	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	1.0-4.0	.43	.43			
	45-150	---	---	---	---	0.0-0.2	.28	.43			
Alpine-tussock-scrub gravelly schist slopes, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-34	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-18	.32	.32			
	34-42	1.35-1.55	2.90- 7.97	0.08-0.14	2.0-6.0	0.1-0.4	.10	.32			
	42-150	---	---	---	---	0.0-0.2	.10	.32			
8MS:											
Alpine-dwarf scrub gravelly schist colluvial slopes	0-2	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	2.0-5.0	.28	.55	2	8	---
	2-28	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.17	.55			
	28-86	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.0	.10	.55			
	86-150	---	---	---	---	---	---	---			
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen	0-17	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	3	8	---
	17-21	1.30-1.50	2.90- 7.97	0.12-0.16	1.0-5.0	6.0-12	.17	.55			
	21-130	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.1-0.6	.10	.32			
	130-150	---	---	---	---	---	---	---			
8MVF:											
Boreal-forested silty schist slopes, wet	0-9	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	9-18	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.43	.43			
	18-27	1.20-1.40	2.90- 7.97	0.08-0.14	1.0-5.0	4.0-8.0	.24	.32			
	27-103	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.55			
	103-150	---	---	---	---	---	---	---			
Subalpine-scrub-meadow mosaic gravelly schist swales	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	2	134
	3-9	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.32	.32			
	9-124	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	124-150	---	---	---	---	---	---	---			
Boreal-forested gravelly schist colluvial slopes	0-9	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	9-20	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.43	.43			
	20-41	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.5-2.0	.10	.32			
	41-96	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	0.0-0.2	.10	.32			
	96-150	---	---	---	---	---	---	---			
8ST1:											
Alpine-tussock-scrub gravelly schist slopes, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-34	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	8.0-18	.32	.32			
	34-42	1.35-1.55	2.90- 7.97	0.08-0.14	2.0-6.0	0.1-0.4	.10	.32			
	42-150	---	---	---	---	0.0-0.2	.10	.32			
Alpine-scrub gravelly schist colluvial toeslopes, frozen	0-23	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	86
	23-31	0.80-0.95	1.45- 3.26	0.24-0.28	1.0-5.0	6.0-14	.43	.43			
	31-45	1.35-1.55	2.90- 7.97	0.08-0.14	1.0-5.0	1.0-4.0	.43	.43			
	45-150	---	---	---	---	0.0-0.2	.28	.43			
Alpine-scrub gravelly schist terraces	0-8	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	8-10	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	10-15	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	2.0-5.0	.43	.43			
	15-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
9AF:											
Subalpine-scrub gravelly fan terraces	0-10	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	10-18	1.00-1.20	1.45- 5.07	0.13-0.16	2.0-6.0	2.0-4.0	.43	.43			
	18-32	1.50-1.60	15.22-50.72	0.02-0.04	0.2-1.5	0.2-1.0	.10	.24			
	32-66	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.5	.02	.10			
	66-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.0	.02	.10			
9AF2:											
Boreal-riparian forested gravelly high flood plains, Cook Inlet	0-3	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	3-16	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	16-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Boreal-forested gravelly fan terraces	0-10	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	10-18	1.00-1.20	1.45- 5.07	0.13-0.16	2.0-6.0	2.0-4.0	.43	.43			
	18-32	1.50-1.60	15.22-50.72	0.02-0.04	0.2-1.5	0.2-1.0	.10	.24			
	32-66	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.5	.02	.10			
	66-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.0	.02	.10			
Boreal-riparian forested hardwood gravelly flood plains	0-1	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	1-7	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
	7-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
9CE:											
Subalpine-scrub gravelly moraines	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	8	---
	2-12	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.1-0.4	.10	.24			
	12-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	---	.10	.24			
South Central nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
Boreal-woodland gravelly moraines	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	8	---
	5-9	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	4.0-8.0	.43	.43			
	9-20	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	20-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
9MSA:											
Alpine-dwarf scrub gravelly diorite colluvial slopes, warm	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	3	3	86
	3-9	1.30-1.50	2.17- 4.35	0.10-0.14	2.0-6.0	4.0-10	.24	.37			
	9-34	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	34-109	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.0-0.0	.05	.24			
	109-150	---	---	---	---	---	---	---			
South Central nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
Alpine-dwarf scrub gravelly diorite colluvial slopes, cool	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	3	3	86
	3-9	1.30-1.50	2.17- 4.35	0.10-0.14	2.0-6.0	4.0-10	.24	.37			
	9-34	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.4-0.8	.10	.24			
	34-109	1.45-1.65	5.07- 7.25	0.09-0.12	0.5-5.0	0.0-0.0	.05	.24			
	109-150	---	---	---	---	---	---	---			
9MSH:											
South Central nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
Alpine-dwarf scrub gravelly colluvial slopes, warm	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	2-6	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-12.0	6.0-12	.43	.43			
	6-23	1.50-1.60	5.07- 7.61	0.08-0.12	2.0-6.0	4.0-8.0	.15	.37			
	23-63	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.0-0.2	.05	.32			
	63-150	---	---	---	---	---	---	---			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
9MSH:											
Alpine-dwarf scrub gravelly colluvial slopes, cool	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	2-6	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-12.0	6.0-12	.43	.43			
	6-24	1.50-1.60	5.07- 7.61	0.08-0.12	2.0-6.0	4.0-8.0	.15	.37			
	24-43	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.5-2.0	.05	.32			
	43-72	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.0-0.2	.05	.32			
	72-150	---	---	---	---	---	---	---			
9MSH1:											
Alpine-dwarf scrub silty hummocks	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-11	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.37	.37			
	11-36	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	36-61	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.05	.32			
	61-83	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	0.0-0.2	.05	.32			
	83-150	---	---	---	---	---	---	---			
Alpine-dwarf scrub gravelly colluvial slopes, warm	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	2-6	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-12.0	6.0-12	.43	.43			
	6-23	1.50-1.60	5.07- 7.61	0.08-0.12	2.0-6.0	4.0-8.0	.15	.37			
	23-63	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.0-0.2	.05	.32			
	63-150	---	---	---	---	---	---	---			
Alpine-scrub-meadow mosaic gravelly colluvial slopes	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	3	1	160
	1-26	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-12.0	6.0-10	.24	.37			
	26-79	1.10-1.50	5.07- 7.61	0.08-0.12	2.0-12.0	1.0-3.0	.24	.37			
	79-107	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	0.0-0.5	.24	.64			
	107-150	---	---	---	---	---	---	---			
9SA4:											
Alpine-scrub-meadow mosaic gravelly colluvial slopes	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	3	1	160
	1-26	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-12.0	6.0-10	.24	.37			
	26-79	1.10-1.50	5.07- 7.61	0.08-0.12	2.0-12.0	1.0-3.0	.24	.37			
	79-107	1.50-1.60	5.07- 7.61	0.08-0.12	0.5-5.0	0.0-0.5	.24	.64			
	107-150	---	---	---	---	---	---	---			
South Central nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
9SA5:											
Subalpine-scrub-meadow mosaic gravelly colluvial slopes	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-14	0.75-0.90	1.45- 3.26	0.32-0.36	---	5.0-10	.37	.37			
	14-21	1.60-1.80	2.90- 6.52	0.09-0.12	1.0-5.0	0.5-2.0	.10	.24			
	21-36	1.60-1.80	2.90- 6.52	0.09-0.12	1.0-5.0	4.0-8.0	.10	.24			
	36-92	1.60-1.80	2.90- 6.52	0.09-0.12	1.0-5.0	0.5-2.0	.10	.24			
	92-150	---	---	---	---	---	---	---			
Alpine-scrub gravelly colluvial slopes, warm	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	3-11	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	11-26	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	1.0-6.0	.43	.43			
	26-88	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.0-0.2	.05	.32			
	88-150	---	---	---	---	---	---	---			
South Central nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
9SA6:											
Subalpine-scrub-meadow mosaic silty till slopes	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-10	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	10-14	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	14-48	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	48-72	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.10	.24			
	72-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
9SA44:											
Alpine-scrub-meadow mosaic silty till slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	3-25	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	25-37	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	2.0-6.0	.10	.24			
	37-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-scrub gravelly till slopes, warm	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-19	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.37	.37			
	19-44	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.10	.24			
	44-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	---	.10	.24			
Alpine-dwarf scrub gravelly till hummocks	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	2-8	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-12.0	4.0-8.0	.43	.43			
	8-20	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-12.0	4.0-8.0	.43	.43			
	20-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
	>150	---	---	---	---	---	---	---			
9SA61:											
Subalpine-scrub-meadow mosaic silty till slopes	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-10	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	10-14	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	14-48	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	48-72	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.10	.24			
	72-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-sedge wet meadow organic depressions	0-13	0.08-0.14	5.07-15.22	0.32-0.35	---	60-90	---	---	5	8	---
	13-84	0.20-0.30	5.07-15.22	0.32-0.35	---	60-90	---	---			
	84-150	1.50-1.70	2.90- 5.07	0.13-0.16	1.0-3.0	0.0-1.0	.28	.43			
Alpine-scrub gravelly wet till swales	0-9	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	9-42	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-12.0	8.0-20	.37	.37			
	42-59	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.5	.10	.24			
	59-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.0	.10	.24			
9SA62:											
Subalpine-scrub-meadow mosaic silty till slopes	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-10	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	10-14	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	14-48	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	48-72	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.10	.24			
	72-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-scrub gravelly wet till swales	0-9	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	9-42	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-12.0	8.0-20	.37	.37			
	42-59	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.5	.10	.24			
	59-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.0	.10	.24			
9SA66:											
Subalpine-scrub-meadow mosaic gravelly colluvial slopes	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-14	0.75-0.90	1.45- 3.26	0.32-0.36	---	5.0-10	.37	.37			
	14-21	1.60-1.80	2.90- 6.52	0.09-0.12	1.0-5.0	0.5-2.0	.10	.24			
	21-36	1.60-1.80	2.90- 6.52	0.09-0.12	1.0-5.0	4.0-8.0	.10	.24			
	36-92	1.60-1.80	2.90- 6.52	0.09-0.12	1.0-5.0	0.5-2.0	.10	.24			
	92-150	---	---	---	---	---	---	---			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
9SA66:											
Subalpine-scrub-meadow mosaic silty till slopes	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-10	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	10-14	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	14-48	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	48-72	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.10	.24			
	72-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-scrub gravelly colluvial slopes, warm	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	3-11	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	11-26	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	1.0-6.0	.43	.43			
	26-88	1.50-1.60	5.07- 7.61	0.08-0.12	1.0-5.0	0.0-0.2	.05	.32			
	88-150	---	---	---	---	---	---	---			
9TM:											
Alpine-scrub-meadow mosaic silty till slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	3-25	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	25-37	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	2.0-6.0	.10	.24			
	37-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Subalpine-scrub-meadow mosaic silty till slopes	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-10	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	10-14	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	14-48	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	48-72	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.10	.24			
	72-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-scrub gravelly till slopes, warm	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-19	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.37	.37			
	19-44	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.10	.24			
	44-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	---	.10	.24			
9TM3:											
Alpine-dwarf scrub silty till hummocks	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-11	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.37	.37			
	11-36	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	36-68	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.10	.24			
	68-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-dwarf scrub gravelly till hummocks	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	2	134
	2-8	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-12.0	4.0-8.0	.43	.43			
	8-20	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-12.0	4.0-8.0	.43	.43			
	20-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
	>150	---	---	---	---	---	---	---			
Alpine-scrub mosaic gravelly till drains	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	4-12	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	8.0-20	.37	.37			
	12-39	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	2.0-6.0	.10	.24			
	39-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
9TM4:											
Alpine-dwarf scrub silty till hummocks	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-11	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.37	.37			
	11-36	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	36-68	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.10	.24			
	68-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-dwarf scrub gravelly diorite till slopes, warm	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	2-7	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-12.0	4.0-8.0	.43	.43			
	7-15	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	15-29	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.10	.24			
	29-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
9TM4:											
Alpine-scrub-meadow mosaic gravelly diorite colluvial slopes	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	2	134
	1-40	1.50-1.70	2.90- 7.97	0.09-0.12	1.0-5.0	2.0-6.0	.24	.55			
	40-57	1.50-1.70	2.90- 7.97	0.09-0.12	1.0-5.0	0.2-1.0	.24	.55			
	57-150	1.50-1.70	2.90- 7.97	0.09-0.12	1.0-5.0	---	.24	.55			
9TMF:											
Boreal-forested silty till slopes, ash influenced, warm	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-10	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.37	.37			
	10-14	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.37	.43			
	14-24	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.37	.43			
	24-52	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.10	.24			
	52-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Subalpine-scrub-meadow mosaic silty till slopes	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-10	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	10-14	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	14-48	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	48-72	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.10	.24			
	72-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
9TP:											
Alpine-scrub-meadow mosaic silty till slopes	0-3	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	3-25	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	25-37	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	2.0-6.0	.10	.24			
	37-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-dwarf scrub silty till hummocks	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-11	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.37	.37			
	11-36	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.43	.43			
	36-68	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.10	.24			
	68-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			
Alpine-scrub gravelly wet till swales	0-9	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	1	160
	9-42	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-12.0	8.0-20	.37	.37			
	42-59	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.5	.10	.24			
	59-150	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.0	.10	.24			
9V12:											
Alpine-dwarf scrub gravelly fan terraces, warm	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	2-6	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	6.0-12	.43	.43			
	6-21	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.2-1.0	.02	.10			
	21-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
Nonvegetated alluvium	---	---	---	---	---	---	---	---	-	---	---
Alpine-dwarf scrub gravelly fan terraces	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	2-8	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	8-29	1.50-1.60	2.90- 6.52	0.09-0.12	0.0-0.2	0.4-0.8	.10	.24			
	29-150	1.50-1.60	15.22-50.72	0.02-0.04	0.0-0.2	0.0-0.2	.02	.10			
10ES:											
Boreal-forested gravelly colluvial slopes, dissected	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	5-11	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	1.0-4.0	.43	.43			
	11-32	1.30-1.50	2.17- 4.35	0.10-0.14	2.0-6.0	0.4-0.8	.17	.28			
	32-150	1.40-1.60	7.25-72.46	0.04-0.12	2.0-6.0	0.0-0.2	.02	.10			
Alpine-scrub-sedge gravelly slopes, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-30	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-54	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.1-0.4	.10	.24			
	54-150	---	---	---	---	0.0-0.2	.10	.24			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
10ES:											
Subalpine-forested stunted hardwood gravelly colluvial slopes, dissected	0-4	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	1.0-4.0	.43	.43	5	5	56
	4-19	1.30-1.50	2.17- 4.35	0.10-0.14	0.5-5.0	0.5-2.0	.10	.32			
	19-150	1.40-1.60	7.25-72.46	0.04-0.12	0.0-0.2	0.0-0.2	.02	.10			
10ES1:											
Boreal-forested gravelly colluvial slopes, dissected	0-5	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	5-11	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	1.0-4.0	.43	.43			
	11-32	1.30-1.50	2.17- 4.35	0.10-0.14	2.0-6.0	0.4-0.8	.17	.28			
	32-150	1.40-1.60	7.25-72.46	0.04-0.12	2.0-6.0	0.0-0.2	.02	.10			
Boreal-taiga high elevation silty loess slopes, frozen	0-21	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	21-27	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-16	.37	.37			
	27-49	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-9.0	.43	.43			
	49-150	---	---	---	---	4.0-9.0	.43	.43			
Alpine-scrub-sedge gravelly slopes, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-30	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-54	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.1-0.4	.10	.24			
	54-150	---	---	---	---	0.0-0.2	.10	.24			
10LM:											
Alpine-scrub-sedge gravelly slopes, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-30	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-54	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.1-0.4	.10	.24			
	54-150	---	---	---	---	0.0-0.2	.10	.24			
Alpine-scrub mosaic gravelly slopes	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	2-8	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	8-48	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.17	.24			
	48-150	1.40-1.60	7.25-72.46	0.02-0.04	0.5-5.0	0.0-0.2	.02	.10			
10P1:											
Alpine-scrub gravelly circles, frozen	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	1-5	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	6.0-14	.43	.43			
	5-23	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.28	.37			
	23-120	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
	120-150	---	---	---	---	0.0-0.2	.28	.37			
Alpine-scrub-sedge gravelly slopes, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-30	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-54	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.1-0.4	.10	.24			
	54-150	---	---	---	---	0.0-0.2	.10	.24			
10P3:											
Boreal-taiga high elevation silty loess slopes, frozen	0-21	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	21-27	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-16	.37	.37			
	27-49	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-9.0	.43	.43			
	49-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga/tussock high elevation silty frozen loess slopes, Alaska Mountains	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-30	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	12-20	.37	.37			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga high elevation silty loess hills, frozen	0-23	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	23-46	0.80-0.95	1.45- 3.26	0.24-0.28	2.0-6.0	6.0-14	.32	.32			
	46-58	0.90-1.10	1.45- 3.26	0.20-0.24	2.0-6.0	2.0-6.0	.43	.43			
	58-150	---	---	---	---	4.0-9.0	.43	.43			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
10P4:											
Alpine-scrub gravelly circles, frozen	0-1	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	1-5	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	6.0-14	.43	.43			
	5-23	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.28	.37			
	23-120	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.0-0.2	.28	.37			
	120-150	---	---	---	---	0.0-0.2	.28	.37			
Alpine-scrub mosaic gravelly slopes	0-2	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	5	1	160
	2-8	0.95-1.15	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-8.0	.43	.43			
	8-48	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.4-0.8	.17	.24			
	48-150	1.40-1.60	7.25-72.46	0.02-0.04	0.5-5.0	0.0-0.2	.02	.10			
Alpine-scrub-sedge gravelly slopes, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-30	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-54	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.1-0.4	.10	.24			
	54-150	---	---	---	---	0.0-0.2	.10	.24			
10SU:											
Alpine-tussock-scrub silty loess slopes, frozen	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-30	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	12-20	.37	.37			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
Alpine-scrub-sedge gravelly slopes, frozen	0-20	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	20-30	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-54	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.1-0.4	.10	.24			
	54-150	---	---	---	---	0.0-0.2	.10	.24			
10TS:											
Boreal-taiga high elevation silty loess slopes, frozen	0-21	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	21-27	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-16	.37	.37			
	27-49	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	4.0-9.0	.43	.43			
	49-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga/tussock high elevation silty frozen loess slopes, Alaska Mountains	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-30	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	12-20	.37	.37			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
10TS1:											
Boreal-taiga gravelly slopes, frozen	0-29	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	29-33	0.70-0.90	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	33-51	1.50-1.70	2.90- 7.97	0.09-0.12	0.5-5.0	0.2-1.0	.17	.37			
	51-150	---	---	---	---	0.0-0.2	.17	.37			
Boreal-taiga/tussock high elevation silty frozen loess slopes, Alaska Mountains	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-30	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	12-20	.37	.37			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
10V2:											
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-30	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	12-20	.37	.37			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
Boreal-taiga high elevation loamy terraces, frozen	0-27	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	27-72	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.5-2.0	.17	.24			
	72-150	---	---	---	---	0.0-0.0	.28	.28			
Boreal-riparian scrub gravelly flood plains	0-2	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	2-10	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	10-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
11FP:											
Boreal-riparian forested loamy high flood plains	0-7	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	7-17	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	17-43	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	43-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian scrub gravelly flood plains, moderately wet	0-12	0.90-1.00	1.53- 5.11	0.16-0.18	0.2-1.5	0.0-2.0	.28	.28	5	3	86
	12-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian scrub gravelly flood plains	0-2	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	2-10	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	10-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
11P:											
Alpine-tussock-scrub silty loess slopes, frozen	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-30	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	12-20	.37	.37			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
11P1:											
Alpine-tussock-scrub silty loess slopes, frozen	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-30	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	12-20	.37	.37			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
Alpine-scrub organic mounds, frozen	0-45	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	45-150	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---			
Alpine-sedge bog organic depressions, frozen	0-63	0.05-0.15	5.07-15.22	0.32-0.35	---	70-95	---	---	2	8	---
	63-150	---	---	---	---	8.0-14	.32	.32			
11ST:											
Boreal-riparian forested loamy high flood plains	0-7	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	7-17	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	17-43	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	43-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
Boreal-taiga high elevation loamy terraces, frozen	0-27	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	27-72	1.20-1.35	5.07- 7.61	0.12-0.16	0.2-1.5	0.5-2.0	.17	.24			
	72-150	---	---	---	---	0.0-0.0	.28	.28			
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	0-22	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	8	---
	22-30	0.70-0.95	1.45- 3.26	0.38-0.42	2.0-6.0	10-20	.37	.37			
	30-61	0.80-0.95	1.45- 3.26	0.17-0.20	2.0-6.0	12-20	.37	.37			
	61-150	---	---	---	---	4.0-9.0	.43	.43			
12B:											
Boreal-sedge bog organic depressions	0-42	0.05-0.12	5.07-15.22	0.32-0.35	---	60-90	---	---	5	8	---
	42-150	0.05-0.12	5.07-15.22	0.32-0.35	---	60-90	---	---			
Boreal-woodland bog organic depressions	0-28	0.05-0.12	5.07-15.22	0.32-0.35	---	60-90	---	---	5	8	---
	28-132	0.07-0.18	5.07-15.22	0.32-0.35	---	60-90	---	---			
	132-150	0.20-0.30	1.45- 3.26	0.32-0.36	2.0-12.0	20-70	.43	.43			
12HS2:											
Boreal-forested silty till slopes, ash influenced, warm	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	4-10	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.37	.37			
	10-14	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.37	.43			
	14-24	0.75-0.90	1.45- 3.26	0.32-0.36	2.0-12.0	5.0-10	.37	.43			
	24-52	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.5-2.0	.10	.24			
	52-150	1.60-1.80	2.90- 6.52	0.09-0.12	0.5-5.0	0.0-0.2	.10	.24			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permeability	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
12HS2:											
Boreal-forested silty wet till slopes, ash influenced	0-4	0.05-0.15	5.07-15.22	0.32-0.35	---	60-90	---	---	2	8	---
	4-40	0.75-0.90	1.53- 5.11	0.34-0.36	2.0-12.0	8.0-12	.37	---			
	40-78	0.75-0.90	1.53- 5.11	0.32-0.34	2.0-12.0	1.0-5.0	.43	.43			
	78-150	1.60-1.80	0.51- 1.53	0.06-0.08	0.5-5.0	0.0-1.0	.17	.24			
Boreal-sedge bog organic depressions	0-42	0.05-0.12	5.07-15.22	0.32-0.35	---	60-90	---	---	5	8	---
	42-150	0.05-0.12	5.07-15.22	0.32-0.35	---	60-90	---	---			
13F21:											
Subalpine-riparian scrub gravelly diorite flood plains, moderately wet	0-15	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10	5	3	86
	15-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Alpine-riparian scrub loamy diorite low flood plains, wet	0-9	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	9-12	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	3.0-6.0	.28	.28			
	12-33	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	0.5-2.0	.28	.28			
	33-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
Subalpine-riparian wet meadow organic depressions	0-68	0.05-0.15	5.07-15.22	0.32-0.35	---	70-95	---	---	3	8	---
	68-100	1.10-1.25	1.45- 3.26	0.17-0.20	0.2-1.5	0.5-2.0	.32	.32			
	100-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.10	.64			
13F22:											
Alpine-riparian scrub gravelly diorite flood plains	0-8	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10	5	3	86
	8-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Nonvegetated alluvium	---	---	---	---	---	---	---	---	-	---	---
Alpine-riparian scrub loamy diorite low flood plains, wet	0-9	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	9-12	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	3.0-6.0	.28	.28			
	12-33	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	0.5-2.0	.28	.28			
	33-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
13FP:											
Boreal-riparian forested gravelly high flood plains, Cook Inlet	0-3	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	1	1	160
	3-16	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	16-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Boreal-riparian scrub gravelly flood plains, moderately wet and warm	0-15	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10	5	3	86
	15-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Nonvegetated alluvium	---	---	---	---	---	---	---	---	-	---	---
13FP2:											
Boreal-riparian forested hardwood gravelly flood plains	0-1	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	5	3	86
	1-7	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
	7-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
Nonvegetated alluvium	---	---	---	---	---	---	---	---	-	---	---
Boreal-riparian scrub gravelly flood plains, moderately wet and warm	0-15	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10	5	3	86
	15-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.02	.10			
13FPW:											
Boreal-riparian scrub loamy wet flood plains, Cook Inlet	0-4	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	4-16	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	3.0-6.0	.28	.28			
	16-56	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	0.5-2.0	.28	.28			
	56-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			

Table 11. Physical Properties of the Soils--Continued

Map symbol and common component name	Depth	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors			Wind erodi-bility group	Wind erodi-bility index
							Kw	Kf	T		
	cm	g/cc	cm/hr	cm/cm	pct	pct					
13FPW:											
Boreal-riparian forested loamy wet flood plains, Cook Inlet	0-4	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	4-22	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	3.0-6.0	.28	.28			
	22-86	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	86-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
Subalpine-riparian wet meadow organic depressions	0-68	0.05-0.15	5.07-15.22	0.32-0.35	---	70-95	---	---	3	8	---
	68-100	1.10-1.25	1.45- 3.26	0.17-0.20	0.2-1.5	0.5-2.0	.32	.32			
	100-150	1.50-1.60	15.22-50.72	0.04-0.08	0.0-0.2	0.0-0.2	.10	.64			
13FWW:											
Boreal-riparian scrub organic flood plains, wet	0-63	0.05-0.15	5.07-15.22	0.32-0.35	---	70-95	---	---	5	8	---
	63-150	1.10-1.25	1.45- 3.26	0.17-0.20	2.0-6.0	0.5-2.0	.43	.43			
Boreal-riparian wet meadow organic flood plains, Cook Inlet	0-63	0.05-0.15	5.07-15.22	0.32-0.35	---	70-95	---	---	5	8	---
	63-150	1.10-1.25	1.45- 3.26	0.17-0.20	2.0-6.0	0.5-2.0	.43	.43			
Boreal-riparian forested loamy wet flood plains, Cook Inlet	0-2	0.10-0.20	5.07-15.22	0.32-0.35	---	60-90	---	---	2	3	86
	2-33	1.00-1.20	1.45- 5.07	0.13-0.16	0.2-1.5	3.0-6.0	.28	.28			
	33-54	1.10-1.25	1.45- 5.07	0.13-0.16	0.2-1.5	2.0-4.0	.28	.28			
	54-150	1.50-1.60	15.22-50.72	0.03-0.06	0.0-0.2	0.0-0.2	.02	.10			
G:											
Nonvegetated alluvium	---	---	---	---	---	---	---	---	-	---	---
G1:											
Nonvegetated alluvium	---	---	---	---	---	---	---	---	-	---	---
G2:											
Nonvegetated alluvium	---	---	---	---	---	---	---	---	-	---	---
GA:											
Nonvegetated alluvium	---	---	---	---	---	---	---	---	-	---	---
NV1:											
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
NV2:											
South Central nonvegetated rock outcrop, ice, talus, and/or drift	---	---	---	---	---	---	---	---	-	---	---
W:											
Water	---	---	---	---	---	---	---	---	-	---	---

Table 12. Physical Test Data For Selected Soils

(Dashes indicate that material was not detected. A blank indicates that a determination was not made.)

Common component, sample number, and location	Horizon	Depth	Particle-size distribution			Percent of whole soil >2 mm by weight	Bulk density		COLE	Water content	
			Clay (<0.002 mm)	Silt (0.05-0.002 mm)	Sand (2.0-0.05 mm)		1/3 bar	Oven dry		1/3 bar	15 bar
		cm	Pct				g/cc		cm/cm	Pct (wt)	
Alpine-dwarf scrub gravelly schist	Oi	0-3									19.8
colluvial slopes	A	3-7	6.7	23.3	70.0	48					11.6
01P0007	Bw1	7-17	8.7	34.7	56.6	51	0.94	1.09	0.036	44.5	8.5
Lat: 63° 37' 1.00" north	Bw2	17-36	6.3	37.8	55.9	81					6.1
Long: 150° 45' .00" west	BC	36-57	4.6	27.6	67.8	93					4.4
	C	57-77	4.2	21.2	74.6	92					2.6
	Cr	77-87	1.4	18.0	80.6	--					0.8
Alpine-scrub-dwarf scrub mosaic	Oi	0-6									85.9
gravelly till slopes	Oa	6-9					0.18	0.39		395.5	62.8
01P0002	E	9-12	4.7	64.5	30.8	1	0.70	0.94	0.103	91.8	34.1
Lat: 63° 26' 1.00" north	Bs	16-31	14.6	41.5	43.9	36					11.8
Long: 150° 46' .00" west	2Bhs	31-62	10.1	36.2	53.7	58					11.8
	2BC	62-84	11.7	37.0	51.3	52					5.7
	2C	84-100	10.2	34.6	55.2	71					5.2
Alpine-scrub gravelly diorite till slopes	Oi	0-4									92.5
01P0008	A	4-7	6.1	50.2	43.7	1					38.6
Lat: 63° 20' 1.00" north	E	7-12	11.6	58.0	30.4	26	0.82	0.90	0.028	53.9	13.1
Long: 151° 1' .00" west	2Bhs	12-36	3.1	19.4	77.5	78					10.1
	2Bs	36-49	1.7	12.8	85.5	79					4.8
	2BC	49-75	1.3	15.0	83.7	85					2.8
	2C	75-100	1.5	17.2	81.3	75					2.2
Alpine-dwarf scrub gravelly schist	Oi	0-2									81.9
hummocks and lobes	A	2-7	8.0	45.4	46.6						5.4
92P1086	Bw	7-12	5.9	38.6	55.5						3.7
Lat: 63° 45' 19.00" north	C1	12-27	5.7	38.2	56.1		1.97	2.02	0.004	12.1	3.0
Long: 149° 0' 37.00" west	C2	27-47	5.4	35.8	58.8		1.98	2.00	0.002	10.0	3.1
	2C3	47-89	4.5	36.4	59.1						2.5
Alpine-scrub gravelly schist colluvial	Oe	0-6									71.0
slopes	E	6-19	11.6	48.5	39.8						7.0
92P1085	Bw1	19-35	7.3	44.6	48.1		1.71	1.77	0.007	14.6	4.2
Lat: 63° 45' 19.00" north	Bw2	35-54	8.2	48.8	43.0						3.7
Long: 149° 0' 29.00" west	BC	54-76	8.0	39.4	52.6						3.2
	2C	76-90	8.0	36.3	55.7						3.0
Alpine-scrub gravelly till circles, frozen	Oi1	0-3									39.9
01P0010	Oi2	3-7									23.4
Lat: 63° 29' .00" north	2Bw	7-17	10.2	39.4	50.4	66					4.7
Long: 151° 10' 1.00" west	2Cg	17-30	17.8	56.3	25.9	33	1.53	1.56	0.005	26.0	7.6
	2C/A	30-52	31.0	46.4	22.6	45					14.8
	2C1	52-69	14.5	43.6	41.9	70					6.0
	2C2	69-103	16.5	38.9	44.6	74					6.6
Alpine-scrub-sedge gravelly till	Oi	0-9					0.12	0.32		671.0	66.1
slopes, frozen	Oa	9-29					0.55	0.87		124.5	26.4
01P0001	Ag	29-32	25.9	40.3	33.8	--	0.67	0.87	0.091	93.0	23.6
Lat: 63° 29' 1.00" north	2C1	32-50	17.3	33.4	49.3	37					8.7
Long: 150° 9' .00" west	2C2	50-74	16.0	30.0	54.0	39					7.5
	2C3	74-90	19.6	30.3	50.1	63					8.0
	2Cf	90-100									60.9

Table 12—Physical Test Data For Selected Soils--Continued

Common component name, sample number, and location	Horizon	Depth	Particle-size distribution			Percent of whole soil >2 mm by weight	Bulk density		COLE	Water content	
			Clay (<0.002 mm)	Silt (0.05-0.002 mm)	Sand (2.0-0.05 mm)		1/3 bar	Oven dry		1/3 bar	15 bar
		cm	Pct.				g/cc		cm/cm	Pct. (wt)	
Boreal-forested gravelly till slopes	Oe	0-3									67.3
92P1088	EBs	3-6	11.0	44.8	44.2						8.5
Lat: 63° 43' 55.00" north	Bs1	6-19	10.9	30.6	58.5		1.43	1.48	0.005	14.8	5.6
Long: 148° 58' 48.00" west	Bs2	19-40	12.1	30.3	57.6						5.3
	BC	40-58	6.1	22.5	71.4						3.4
	2BC	58-81	7.7	30.5	61.8						4.0
	2C	81-110	3.0	27.4	69.6						2.4
Boreal-riparian forested loamy schist flood plains	Oi	0-7									75.9
010004	AC	7-14	3.4	30.8	65.8	--	1.03	1.05	0.006	32.3	8.5
Lat: 63° 43' 1.00" north	C1	14-41	2.9	26.5	70.6	--					4.7
Long: 150° 58' .00" west	C2	41-71	2.5	16.8	80.7	1					3.0
	C3	71-104	3.1	23.7	73.2	1					3.4
	2C	104-128	0.9	5.8	93.3	84					1.3
Boreal-taiga loamy drift slopes, frozen	Oi	0-10									124.1
	Oe	10-18									87.1
Lat: 63° 43' 36.00" north	Oa	18-24									74.1
Long: 148° 50' 29.00" west	AB	24-34	14.5	52.4	33.1						7.0
	Cf1	34-48	11.3	53.9	34.8		1.49	1.51	0.004	19.3	5.4
	Cf2	48-58	10.8	54.9	34.3		1.36	1.37	0.002	24.8	5.3
Boreal-taiga peat plateaus, frozen	Oi	0-21									94.7
01P005	Oe	21-25									72.5
Lat: 63° 43' 1.00" north	A	25-42	10.4	83.3	6.6	--					33.5
Long: 150° 58' .00" west	OAfb	42-110									56.3
	Cf	110-140	10.8	86.4	2.8	--					7.8
Boreal-taiga silty loess hills, frozen	Oi	0-9									59.9
01P006	A/Bw	9-18	11.2	81.1	7.7	--	0.45	0.47	0.015	116.3	27.5
Lat: 63° 55' 1.00" north	Bw	18-28	12.7	74.3	13.0	--	1.22	1.26	0.011	24.3	11.2
Long: 150° 41' .00" west	Oib	28-36					0.22	0.25		213.1	56.9
	C1	36-59	9.2	82.0	8.8	--	1.36	1.40	0.010	30.1	6.2
	C2	59-72	10.1	74.6	15.3	--	1.29	1.32	0.008	37.5	5.9
	Cf	72-80	9.0	80.4	10.6	--					6.1
Boreal-taiga silty loess slopes, frozen	Oi	0-16									146.6
	Oe	16-24									134.1
01P012	C/A	24-36	6.5	87.5	6.0	--					13.4
Lat: 63° 37' 1.00" north	Cf1	36-88	8.7	84.9	6.4	--					12.0
Long: 151° 9' 1.00" west	Cf2	88-145	9.1	86.0	4.9	--					17.8
Boreal-taiga tussock silty terraces, frozen	Oi	0-16									159.5
	Oe	16-34									116.7
01P011	C/Oe	34-48				--					17.4
Lat: 63° 41' .00" north	Oa/Cf	48-81				--					14.1
Long: 151° 7' .00" west	Cf	81-128				--					11.5

Table 13. Chemical Test Data For Selected Soils

(A blank indicates that a determination was not made.)

Common component name, sample number, and location	Horizon	Depth	Organic carbon	Cation-exchange capacity		Base saturation		pH (1:1 water)
				Ammonium acetate	Sum of cations	Sum of cations	Ammonium acetate	
		cm	Pct	Meg/100g		Pct		
Alpine-dwarf scrub gravelly schist colluvial slopes 01P0007 Lat: 63° 37' 1.00" north Long: 150° 45' .00" west	Oi	0-3	10.30	23.7				5.3
	A	3-7	4.86	15.1	20.3	17	23	4.6
	Bw1	7-17	3.07	12.3	22.2	1	2	4.1
	Bw2	17-36	1.40	8.0	14.7	1	0	4.8
	BC	36-57	0.98	4.6	8.1	2	4	5.1
	C	57-77	0.25	3.4	5.0	34	50	5.5
	Cr	77-87	0.19	0.6		97	100*	8.1
Alpine-scrub-dwarf scrub mosaic gravelly till slopes 01P0002 Lat: 63° 26' 1.00" north Long: 150° 46' .00" west	Oi	0-6	40.97	90.0				3.9
	Oa	6-9	32.90	60.6				4.0
	E	9-12	16.65	32.6	47.7	8	12	4.2
	Bs	16-31	3.27	21.4	34.1	5	8	4.8
	2Bhs	31-62	3.36	23.6	33.6	5	7	5.0
	2BC	62-84	0.86	10.8	18.3	25	42	5.9
	2C	84-100	0.42	9.3	13.1	57	81	6.2
Alpine-scrub gravelly diorite till slopes 01P0008 Lat: 63° 20' 1.00" north Long: 151° 1' .00" west	Oi	0-4	44.10	88.0				3.9
	A	4-7	18.50	39.4	55.7	9	12	4.0
	E	7-12	6.25	22.7	35.8	1	2	4.6
	2Bhs	12-36	3.54	20.9	36.0	1	2	4.7
	2Bs	36-49	1.20	6.2	14.9	1	3	5.1
	2BC	49-75	0.49	3.7	5.7	2	3	5.4
	2C	75-100	0.28	3.1	3.5	3	3	5.6
Alpine-dwarf scrub gravelly schist hummocks and lobes 92P1086 Lat: 63° 45' 19.00" north Long: 149° 0' 37.00" west	Oi	0-2		72.0				5.8
	A	2-7		7.5	11.2	53	79	6.2
	Bw	7-12		3.8	5.1	65	87	6.5
	C1	12-27		3.2	4.4	59	81	6.5
	C2	27-47		3.5	4.9	59	83	6.5
	2C3	47-89		3.0	4.4	61	90	7.0
Alpine-scrub gravelly schist colluvial slopes 92P1085 Lat: 63° 45' 19.00" north Long: 149° 0' 29.00" west	E	6-19		70.5				4.0
	Bw1	19-35		16.0	18.8	6	8	4.2
	Bw2	35-54		5.9	9.1	5	8	5.0
	BC	54-76		4.6	6.2	6	9	5.1
	2C	76-90		2.9	3.4	15	17	5.1
				2.2	3.5	17	27	5.1
Alpine-scrub gravelly till circles, frozen 01P0010 Lat: 63° 29' .00" north Long: 151° 10' 1.00" west	Oi1	0-3	14.03	25.6				5.1
	Oi2	3-7	6.49	16.0				5.0
	2Bw	7-17	0.87	7.3	10.4	3.6	36	5.3
	2Cg	17-30	0.86	9.3	16.0	6.9	65	5.4
	2C/A	30-52	4.07	16.7	24.6	8.6	30	5.0
	2C1	52-69	0.56	9.4	12.1	5.9	59	5.4
	2C2	69-103	0.51	9.6	12.7	6.7	68	5.7
Alpine-scrub-sedge gravelly till slopes, frozen 01P0001 Lat: 63° 29' 1.00" north Long: 150° 9' .00" west	Oi	0-9	32.82	107.0				5.5
	Oa	9-29	11.19	39.7				5.0
	Ag	29-32	10.27	43.4	55.1	22	28	4.8
	2C1	32-50	0.58	12.7	20.9	38	62	5.1
	2C2	50-74	0.39	13.3	18.1	48	65	5.2
	2C3	74-90	0.83	15.5	21.4	55	76	5.4
	2Cf	90-100	27.30	68.0				5.9

Table 13. Chemical Test Data For Selected Soils--Continued

Common component name, sample number, and location	Horizon	Depth	Organic carbon	Cation-exchange capacity		Base saturation		pH (1:1 water)
				Ammonium acetate	Sum of cations	Sum of cations	Ammonium acetate	
		cm	Pct	Meg/100g		Pct		
Boreal-forested gravelly till slopes	Oe	0-3		67.3				5.1
92P1088	EBs	3-6		20.3	23.9	10	12	4.1
Lat: 63° 43' 55.00" north	Bs1	6-19		9.0	12.7	15	21	5.1
Long: 148° 58' 48.00" west	Bs2	19-40		8.8	11.8	17	23	5.3
	BC	40-58		5.3	7.0	20	26	5.4
	2BC	58-81		6.6	8.5	24	30	5.5
	2C	81-110		5.4	6.3	41	48	5.7
Boreal-riparian forested loamy schist	Oi	0-7		87.8				4.6
flood plains	AC	7-14		11.8	40.3	12	42	4.3
01P004	C1	14-41		7.0	15.3	24	51	4.5
Lat: 63° 43' 1.00" north	C2	41-71		4.5	9.0	38	76	5.3
Long: 150° 58' .00" west	C3	71-104		4.7	9.4	48	96	5.6
	2C	104-128		1.8	3.3	61	100	6.5
Boreal-taiga loamy drift slopes,	Oi	0-10		105.6				4.1
frozen	Oe	10-18		64.5				4.9
Lat: 63° 43' 36.00" north	Oa	18-24		57.8				4.6
Long: 148° 50' 29.00" west	AB	24-34		18.9	24.1	20	25	4.7
	Cf1	34-48		12.7	16.9	27	35	5.0
	Cf2	48-58		11.4	14.5	36	46	5.2
Boreal-taiga peat plateaus, frozen	Oi	0-21	44.87	124.7				3.6
01P005	Oe	21-25	37.60	96.9				3.7
Lat: 63° 43' 1.00" north	A	25-42	19.77	62.7	81.2	2	3	4.2
Long: 150° 58' .00" west	OAfb	42-110	36.97	77.9				4.7
	Cf	110-140	3.43	15.5	25.4	13	22	5.1
Boreal-taiga silty loess hills, frozen	Oi	0-9	26.68	70.3				5.2
01P006	A/Bw	9-18	16.60	52.3	62.4	18	21	4.7
Lat: 63° 55' 1.00" north	Bw	18-28	5.48	20.1	29.7	20	29	4.9
Long: 150° 41' .00" west	Oib	28-36	34.44	97.7				5.0
	C1	36-59	1.31	13.3	23.4	88	100*	7.0
	C2	59-72	1.58	11.5		96	100*	8.0
	Cf	72-80	1.59	11.8		97	100*	8.1
Boreal-taiga silty loess slopes, frozen	Oi	0-16	41.90	96.0				4.1
01P012	Oe	16-24	43.83	98.2				4.2
Lat: 63° 37' 1.00" north	C/A	24-36	6.75	26.7	38.9	13	18	4.7
Long: 151° 9' 1.00" west	Cf1	36-88	5.83	20.4	30.1	17	25	4.8
	Cf2	88-145	9.11	31.3	41.1	21	27	4.7
Boreal-taiga-tussock silty terraces,	Oi	0-16	44.45	105.7				3.7
frozen	Oe	16-34	43.77	87.4				3.8
01P011	C/Oe	34-48	16.70	29.5	48.3	7	11	4.6
Lat: 63° 41' .00" north	Oa/Cf	48-81	15.11	32.1	45.6	30	42	5.4
Long: 151° 7' .00" west	Cf	81-128	4.24	22.8	34.1	33	100	6.9

*Extractable Ca may contain Ca from calcium carbonate or gypsum.

Table 14. Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
1FP:								
Boreal-riparian forested loamy wet flood plains, frozen	Permafrost	23-83	Strongly cemented	60-105	90-150	High	High	Low
Boreal-riparian forested loamy flood plains, moderately wet	Strongly contrasting textural stratification	33-78	Noncemented	0	0	High	Moderate	Low
Boreal-riparian forested loamy flood plains, Kuskokwim Plains	Strongly contrasting textural stratification	22-96	Noncemented	0	0	High	Low	Low
1FP2:								
Boreal-taiga deep loamy terraces, frozen	Permafrost	45-81	Strongly cemented	40-85	60-120	High	High	High
Boreal-riparian forested loamy flood plains	Strongly contrasting textural stratification	22-96	Noncemented	0	0	High	Low	Low
1FP4:								
Boreal-riparian forested loamy wet flood plains, frozen	Permafrost	23-83	Strongly cemented	60-105	90-150	High	High	Low
Boreal-riparian forested loamy flood plains, frozen	Permafrost	31-89	Strongly cemented	0	0	High	Moderate	High
Boreal-riparian wet meadow organic depressions	Strongly contrasting textural stratification	51-150	Noncemented	25-50	40-70	High	High	Low
1FW1:								
Boreal-taiga deep loamy terraces, frozen	Permafrost	45-81	Strongly cemented	40-85	60-120	High	High	High
Boreal-taiga/tussock silty terraces, frozen	Permafrost	46-64	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-taiga loamy channels, frozen	Permafrost	45-81	Strongly cemented	40-85	60-120	High	High	Moderate
1ST:								
Boreal-taiga silty loess slopes, frozen	Permafrost	25-66	Strongly cemented	40-85	60-120	High	High	Moderate
Boreal-riparian forested loamy flood plains, frozen	Permafrost	31-89	Strongly cemented	0	0	High	Moderate	High
Boreal-riparian wet meadow organic depressions	Strongly contrasting textural stratification	51-150	Noncemented	25-50	40-70	High	High	Low

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
1ST1:								
Boreal-taiga deep loamy terraces, frozen	Permafrost	45-81	Strongly cemented	40-85	60-120	High	High	High
Boreal-taiga/tussock silty terraces, frozen	Permafrost	46-64	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-riparian wet meadow organic depressions	Strongly contrasting textural stratification	51-150	Noncemented	25-50	40-70	High	High	Low
1STW:								
Boreal-taiga/tussock silty terraces, frozen	Permafrost	46-64	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-taiga loamy channels, frozen	Permafrost	45-81	Strongly cemented	40-85	60-120	High	High	Moderate
Boreal-taiga deep loamy terraces, frozen	Permafrost	45-81	Strongly cemented	40-85	60-120	High	High	High
1STW2:								
Boreal-taiga gravelly alluvial plains, wet	none	---	---	10-20	20-40	High	High	Low
Boreal-riparian scrub silty drains, frozen	Permafrost	99-150	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-riparian fen organic depressions	Strongly contrasting textural stratification	63-150	Noncemented	15-50	20-70	High	High	Low
2FG:								
Boreal-taiga/tussock silty terraces, frozen	Permafrost	46-64	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-taiga peat plateaus, frozen	Permafrost	38-61	Strongly cemented	70-150	125-150	High	High	High
2FP2:								
Boreal-riparian forested loamy schist flood plains	Strongly contrasting textural stratification	22-113	Noncemented	0	0	High	Low	High
Boreal-riparian scrub loamy schist flood plains	Strongly contrasting textural stratification	40-66	Noncemented	0	0	High	Low	Moderate
Boreal-riparian forested gravelly flood plains	Strongly contrasting textural stratification	6-12	Noncemented	0	0	Low	Low	Low
2FP3:								
Boreal-riparian forested loamy flood plains, Kuskokwim Plains	Strongly contrasting textural stratification	22-96	Noncemented	0	0	Moderate	Low	Low
2FP3:								
Boreal-riparian forested loamy flood plains, moderately wet	Strongly contrasting textural stratification	33-78	Noncemented	0	0	High	Moderate	Low
Boreal-riparian forested gravelly flood plains	Strongly contrasting textural stratification	6-12	Noncemented	0	0	Low	Low	Low

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
2FW2:								
Boreal-taiga deep loamy terraces, frozen	Permafrost	45-81	Strongly cemented	40-85	60-120	High	High	High
Boreal-taiga loamy channels, frozen	Permafrost	45-81	Strongly cemented	40-85	60-120	High	High	Moderate
2P:								
Boreal-taiga silty outwash plains, frozen	Permafrost	46-66	Strongly cemented	40-85	60-120	High	High	Moderate
2ST:								
Boreal-forested gravelly terraces	Strongly contrasting textural stratification	3-22	Noncemented	0	0	Low	Low	High
Boreal-taiga loamy terraces, frozen	Permafrost	44-90	Strongly cemented	10-40	10-60	High	High	High
	Strongly contrasting textural stratification	46-150	Strongly cemented					
2ST2:								
Boreal-riparian forested gravelly high flood plains, Kuskokwim Plains	Strongly contrasting textural stratification	6-12	Noncemented	0	0	Low	Low	Low
Boreal-riparian forested gravelly flood plains	Strongly contrasting textural stratification	6-12	Noncemented	0	0	Low	Low	Low
3BG:								
Boreal-loamy wet meadows	none	---	---	0	0	High	High	High
Boreal-bog organic depressions	Strongly contrasting textural stratification	82-150	Noncemented	70-150	125-150	High	High	High
3C:								
Boreal-taiga/tussock silty colluvial slopes, frozen	Permafrost	51-82	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-taiga silty colluvial slopes, frozen	Permafrost	35-62	Strongly cemented	40-85	60-120	High	High	Moderate
3DH:								
Boreal-taiga/tussock silty loess slopes, frozen	Permafrost	51-82	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-taiga silty loess slopes, frozen	Permafrost	25-66	Strongly cemented	40-85	60-120	High	High	Moderate
Boreal-taiga/tussock silty colluvial slopes, frozen	Permafrost	51-82	Strongly cemented	60-105	90-150	High	High	Moderate
3FG:								
Boreal-taiga/tussock silty loess slopes, frozen	Permafrost	51-82	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-taiga silty loess slopes, frozen	Permafrost	25-66	Strongly cemented	40-85	60-120	High	High	Moderate

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
3FG3:								
Boreal-taiga silty loess slopes, frozen	Permafrost	25-66	Strongly cemented	40-85	60-120	High	High	Moderate
Boreal-taiga/tussock silty loess slopes, frozen	Permafrost	51-82	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-taiga peat plateaus, frozen	Permafrost	38-61	Strongly cemented	70-150	125-150	High	High	High
3FP1:								
Boreal-riparian forested loamy flood plains, Kuskokwim Plains	Strongly contrasting textural stratification	22-96	Noncemented	0	0	High	Low	Low
Boreal-taiga loamy terraces, frozen	Permafrost	44-90	Strongly cemented	10-40	10-60	High	High	High
	Strongly contrasting textural stratification	46-150	Strongly cemented					
Boreal-riparian forested loamy flood plains, moderately wet	Strongly contrasting textural stratification	33-78	Noncemented	0	0	High	Moderate	Low
3FP3:								
Boreal-taiga/tussock mica rich silty terraces, frozen	Permafrost	46-53	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-riparian forested mica-rich loamy flood plains, frozen	Permafrost	31-89	Strongly cemented	0	0	High	Moderate	High
Boreal-taiga mica rich loamy channels, frozen	Permafrost	45-81	Strongly cemented	40-85	60-120	High	High	Moderate
3FU:								
Boreal-taiga silty loess slopes, frozen	Permafrost	25-66	Strongly cemented	40-85	60-120	High	High	Moderate
Boreal-taiga/tussock silty loess slopes, frozen	Permafrost	51-82	Strongly cemented	60-105	90-150	High	High	Moderate
3FU2:								
Boreal-taiga peat plateaus, frozen	Permafrost	38-61	Strongly cemented	70-150	125-150	High	High	High
Boreal-taiga/tussock silty loess slopes, frozen	Permafrost	51-82	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-taiga silty loess slopes, frozen	Permafrost	25-66	Strongly cemented	40-85	60-120	High	High	Moderate
3FU3:								
Boreal-taiga loamy eolian slopes, frozen	Permafrost	50-88	Strongly cemented	40-85	60-120	High	High	Moderate
Boreal-taiga/tussock loamy eolian slopes, frozen	Permafrost	38-66	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-forested sandy hills	Strongly contrasting textural stratification	10-39	Noncemented	0	0	Low	Moderate	Moderate

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
3FU4:								
Boreal-taiga silty loess slopes, frozen	Permafrost	25-66	Strongly cemented	40-85	60-120	High	High	Moderate
Boreal-taiga silty loess hills, frozen	Permafrost	25-43	Strongly cemented	40-85	60-120	High	Low	Moderate
3Y:								
Boreal-taiga silty loess slopes, frozen	Permafrost	25-66	Strongly cemented	40-85	60-120	High	High	Moderate
Boreal-taiga/tussock silty loess slopes, frozen	Permafrost	51-82	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-taiga silty loess hills, frozen	Permafrost	25-43	Strongly cemented	40-85	60-120	High	Low	Moderate
4BS:								
Boreal-taiga mica rich silt loess slopes	Strongly contrasting textural stratification	14-30	Noncemented	0	0	Moderate	Low	High
	Bedrock (paralithic)	41-150	Moderately cemented					
Boreal-taiga silty schist slopes, frozen	Strongly contrasting textural stratification	25-49	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	25-49	Strongly cemented					
	Bedrock (paralithic)	70-150	Moderately cemented					
4BSS:								
Boreal-forested mica rich silty loess slopes	Bedrock (paralithic)	89-150	Moderately cemented	0	0	High	Low	High
4FS:								
Boreal-taiga mica rich silty colluvial slopes, frozen	Permafrost	35-62	Strongly cemented	40-85	60-120	High	High	Moderate
4S1:								
Alpine-scrub gravelly schist circles, Kuskokwim Mountains	Strongly contrasting textural stratification	0-33	Noncemented	60-105	90-150	High	Moderate	Moderate
	Bedrock (paralithic)	88-150	Moderately cemented					
	Permafrost	88-150	Strongly cemented					
Alpine-tussock-scrub mica rich silty slopes, Kuskokwim Mountains	Permafrost	51-82	Strongly cemented	60-105	90-150	High	High	Moderate
Alpine-scrub-sedge gravelly schist hummocks, frozen	Strongly contrasting textural stratification	29-44	Noncemented	60-105	90-150	High	High	High
	Permafrost	33-77	Strongly cemented					
4TS:								
Boreal-tussock-scrub mica rich silty loess slopes, frozen	Permafrost	51-82	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-taiga mica rich silty frozen colluvial slopes, Kuskokwim Mountains	Permafrost	35-62	Strongly cemented	40-85	60-120	High	High	Moderate

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
5MS21:								
Boreal-forested silty schist slopes, wet	Strongly contrasting textural stratification	16-43	Noncemented	0	0	High	High	Low
	Bedrock (paralithic)	84-150	Moderately cemented					
Subalpine-scrub gravelly schist colluvial slopes	Strongly contrasting textural stratification	4-32	Noncemented	0	0	Moderate	Low	High
	Bedrock (paralithic)	53-150	Moderately cemented					
Boreal-taiga gravelly schist slopes, frozen	Strongly contrasting textural stratification	25-49	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	25-49	Strongly cemented					
	Bedrock (paralithic)	70-150	Moderately cemented					
5P1:								
Alpine-scrub gravelly schist circles, frozen	Strongly contrasting textural stratification	1-12	Noncemented	60-105	90-150	High	Moderate	Moderate
	Bedrock (paralithic)	88-150	Moderately cemented					
	Permafrost	88-150	Strongly cemented					
Alpine-dwarf scrub gravelly schist steps and lobes	Bedrock (paralithic)	110-150	Moderately cemented	0	0	Moderate	Low	High
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen	Bedrock (paralithic)	68-150	Moderately cemented	60-105	90-150	High	High	Low
	Permafrost	68-150	Moderately cemented					
5SA1:								
Alpine-dwarf scrub gravelly schist colluvial slopes	Bedrock (paralithic)	50-90	Moderately cemented	0	0	Moderate	Low	Moderate
Alpine-dwarf scrub gravelly schist steps and lobes	Bedrock (paralithic)	110-150	Moderately cemented	0	0	Moderate	Low	High
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
5SA2:								
Alpine-scrub gravelly schist circles, frozen	Strongly contrasting textural stratification	1-12	Noncemented	60-105	90-150	High	Moderate	Moderate
	Bedrock (paralithic)	88-150	Moderately cemented					
	Permafrost	88-150	Strongly cemented					
Subalpine-scrub-meadow mosaic gravelly schist swales	Strongly contrasting textural stratification	8-30	Noncemented	0	0	High	Moderate	Moderate
	Bedrock (paralithic)	78-150	Moderately cemented					
Alpine-scrub-sedge-gravelly schist hummocks, frozen	Strongly contrasting textural stratification	29-44	Noncemented	60-105	90-150	High	High	High
	Permafrost	33-77	Strongly cemented					

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
5SA11:								
Alpine-scrub mosaic gravelly colluvial schist slopes	Bedrock (paralithic)	19-90	Moderately cemented	0	0	Moderate	Low	Moderate
Subalpine-scrub-meadow mosaic gravelly schist swales	Strongly contrasting textural stratification	8-30	Noncemented	0	0	High	Moderate	Moderate
	Bedrock (paralithic)	78-150	Moderately cemented					
Alpine-scrub gravelly schist colluvial slopes, thick surface	Strongly contrasting textural stratification	5-25	Noncemented	0	0	Moderate	Low	Moderate
	Bedrock (paralithic)	110-150	Moderately cemented					
5TS1:								
Alpine-scrub gravelly schist circles, frozen	Strongly contrasting textural stratification	1-12	Noncemented	60-105	90-150	High	Moderate	Moderate
	Bedrock (paralithic)	88-150	Moderately cemented					
	Permafrost	88-150	Strongly cemented					
Alpine-scrub gravelly schist colluvial slopes, thick surface	Strongly contrasting textural stratification	5-25	Noncemented	0	0	Moderate	Low	Moderate
	Bedrock (paralithic)	110-150	Moderately cemented					
Alpine-scrub-sedge-gravelly schist hummocks, frozen	Strongly contrasting textural stratification	29-44	Noncemented	60-105	90-150	High	High	High
	Permafrost	33-77	Strongly cemented					
5V1:								
Alpine-scrub gravelly schist terraces	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High
Alpine-scrub gravelly schist colluvial toeslopes, frozen	Permafrost	33-62	Strongly cemented	40-85	60-120	High	High	High
	Strongly contrasting textural stratification	33-62	Noncemented					
Alpine-riparian scrub gravelly schist flood plains	Strongly contrasting textural stratification	18-27	Noncemented	0	0	Low	Low	Moderate
5V2:								
Boreal-forested gravelly schist terraces	Strongly contrasting textural stratification	5-13	Noncemented	0	0	Moderate	Low	High
Boreal-riparian forested gravelly schist flood plains	none	---	---	0	0	Low	Low	Low
7AF:								
Alpine-scrub silty fan terraces	Strongly contrasting textural stratification	28-52	Noncemented	0	0	High	Moderate	Low
Alpine-scrub gravelly terraces	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
7AF2:								
Alpine-scrub gravelly terraces	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High
Subalpine-riparian scrub gravelly fan terraces	Strongly contrasting textural stratification	10-20	Noncemented	0	0	Low	Low	Low
7AFF:								
Boreal-woodland gravelly terraces	Strongly contrasting textural stratification	10-29	Noncemented	0	0	Low	Low	High
Boreal-riparian forested loamy flood plains, very wet	Strongly contrasting textural stratification	28-86	Noncemented	0	0	High	High	Low
Boreal-taiga high elevation loamy terraces, frozen	Permafrost	63-91	Strongly cemented	40-85	60-120	High	High	Low
7CE:								
Alpine-scrub gravelly moraines, calcareous	none	---	---	0	0	Moderate	Low	Low
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
7CEF:								
Alpine-dwarf scrub gravelly diorite moraines	none	---	---	0	0	Low	Low	Moderate
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
7ES:								
Boreal-forested gravelly colluvial slopes, dissected	Strongly contrasting textural stratification	9-18	Noncemented	0	0	Moderate	Low	Moderate
Alpine-scrub gravelly till slopes	Strongly contrasting textural stratification	9-21	Noncemented	0	0	Moderate	Low	High
Interior-nonvegetated rock outcrop, ice, talus and/ordrift	none	---	---	---	---	---	---	---
7FGA:								
Alpine-tussock-scrub silty loess slopes, frozen	Permafrost	51-70	Strongly cemented	60-105	90-150	High	High	High
Alpine-scrub-sedge gravelly slopes, frozen	Strongly contrasting textural stratification	19-39	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	28-96	Strongly cemented					
7FP1:								
Boreal-riparian forested loamy high flood plains	Strongly contrasting textural stratification	32-88	Noncemented	0	0	High	Low	Moderate
Boreal-riparian scrub gravelly flood plains, moderately wet	Strongly contrasting textural stratification	8-17	Noncemented	0	0	Moderate	Low	Low
Boreal-riparian scrub loamy flood plains	Strongly contrasting textural stratification	25-99	Noncemented	0	0	High	Low	Low

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
7FP2:								
Alpine-riparian scrub gravelly flood plains, moderately wet	Strongly contrasting textural stratification	8-12	Noncemented	0	0	Moderate	Low	Low
Alpine-riparian scrub gravelly flood plains	Strongly contrasting textural stratification	0-18	Noncemented	0	0	Low	Low	Low
Nonvegetated alluvium	none	---	---	---	---	---	---	---
7FP11:								
Boreal-riparian forested loamy flood plains, very wer	Strongly contrasting textural stratification	28-86	Noncemented	0	0	High	High	Low
Boreal-riparian forested gravelly high flood plains	Strongly contrasting textural stratification	7-18	Noncemented	0	0	Low	Low	Moderate
Boreal-riparian scrub gravelly diorite flood plains, moderately wet	Strongly contrasting textural stratification	8-12	Noncemented	0	0	Moderate	Low	Moderate
7FP21:								
Alpine-scrub mosaic gravelly diorite terraces	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High
Alpine-riparian scrub gravelly diorite flood plains, moderately wet	Strongly contrasting textural stratification	8-12	Noncemented	0	0	Moderate	Low	Moderate
Alpine-scrub loamy terraces	Strongly contrasting textural stratification	11-17	Noncemented	0	0	Moderate	Low	High
	Strongly contrasting textural stratification	29-88	Noncemented					
7MFA:								
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen	Strongly contrasting textural stratification	27-39	Noncemented	10-40	10-60	High	High	Low
	Permafrost	51-144	Moderately cemented					
	Bedrock (paralithic)	90-150	Moderately cemented					
Alpine-scrub-meadow mosaic gravelly schist swales	Strongly contrasting textural stratification	20-40	Noncemented	0	0	High	Moderate	Low
	Bedrock (paralithic)	84-150	Moderately cemented					
Alpine-dwarf scrub gravelly schist steps and lobes	Bedrock (paralithic)	110-150	Moderately cemented	0	0	Moderate	Low	High
7MS1D:								
Alpine-dwarf scrub dark gravelly colluvial slopes	Strongly contrasting textural stratification	5-20	Noncemented	0	0	Moderate	Low	Low
	Bedrock (paralithic)	53-150	Strongly cemented					
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
Alpine-scrub gravelly colluvial slopes	Strongly contrasting textural stratification	4-18	Noncemented	0	0	Moderate	Low	High
	Bedrock (paralithic)	49-150	Strongly cemented					

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
7MS1L:								
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes	Strongly contrasting textural stratification	2-14	Noncemented	0	0	Moderate	Low	High
	Bedrock (paralithic)	84-150	Strongly cemented					
Alpine-scrub gravelly colluvial slopes	Strongly contrasting textural stratification	4-18	Noncemented	0	0	Moderate	Low	High
	Bedrock (paralithic)	49-150	Strongly cemented					
7MS2:								
Boreal-forested gravelly till slopes, moderately wet	Strongly contrasting textural stratification	21-53	Noncemented	0	0	High	Moderate	Moderate
Boreal-forested gravelly warm till slopes	Strongly contrasting textural stratification	6-14	Noncemented	0	0	Moderate	Low	High
7MS3:								
Alpine-scrub-sedge gravelly till slopes, frozen	Permafrost	32-64	Strongly cemented	10-40	10-60	High	High	Moderate
Alpine-scrub gravelly till circles, frozen	Strongly contrasting textural stratification	2-32	Noncemented	60-105	90-150	High	Moderate	High
	Permafrost	90-150	Strongly cemented					
Subalpine-scrub-meadow mosaic gravelly till swales	Strongly contrasting textural stratification	21-53	Noncemented	0	0	High	Moderate	Moderate
7MS4:								
Boreal-taiga loamy drift slopes, frozen	Permafrost	42-68	Strongly cemented	40-85	60-120	High	High	Moderate
7MS31:								
Alpine-dwarf scrub gravelly till slopes	Strongly contrasting textural stratification	5-15	Noncemented	0	0	Moderate	Low	High
Alpine-scrub-sedge gravelly till slopes, frozen	Permafrost	32-64	Strongly cemented	10-40	10-60	High	High	Moderate
Alpine-scrub-meadow mosaic gravelly till swales	Strongly contrasting textural stratification	12-32	Noncemented	0	0	High	Moderate	Moderate
7MSA:								
Alpine-dwarf scrub gravelly diorite colluvial slopes	none	---	---	0	0	Moderate	Low	High
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
Alpine-dwarf scrub gravelly diorite colluvial slopes, cold	none	---	---	0	0	Moderate	Low	High

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
7MSC:								
Alpine-dwarf scrub gravelly fan terraces	Strongly contrasting textural stratification	3-13	Noncemented	0	0	Low	Low	Moderate
Alpine-dwarf scrub-meadow mosaic gravelly fan swales	Strongly contrasting textural stratification	10-13	Noncemented	0	0	Low	Low	Moderate
Alpine-dwarf scrub gravelly colluvial slopes	Strongly contrasting textural stratification	2-14	Noncemented	0	0	Moderate	Low	High
	Bedrock (paralithic)	84-150	Strongly cemented					
7MSHD:								
Interior-nonvegetated rock outcrop, ice,talus,and/or drift	none	---	---	---	---	---	---	---
Alpine-dwarf scrub dark gravelly colluvial slopes	Strongly contrasting textural stratification	5-20	Noncemented	0	0	Moderate	Low	Low
	Bedrock (paralithic)	53-150	Strongly cemented					
Alpine-dwarf scrub dark gravelly colluvial slopes, cold	Strongly contrasting textural stratification	5-20	Noncemented	0	0	Moderate	Low	Low
	Bedrock (paralithic)	53-150	Strongly cemented					
7MSHL:								
Interior-nonvegetated rock outcrop, ice,talus, and/or drift	none	---	---	---	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes	Strongly contrasting textural stratification	2-14	Noncemented	0	0	Moderate	Low	High
	Bedrock (paralithic)	84-150	Strongly cemented					
Alpine-dwarf scrub gravelly colluvial slopes, cold	Strongly contrasting textural stratification	2-14	Noncemented	0	0	Moderate	Low	High
	Bedrock (paralithic)	84-150	Strongly cemented					
7MSHS:								
Interior-nonvegetated rock outcrop, ice,talus,and/or drift	none	---	---	---	---	---	---	---
Alpine-dwarf scrub gravelly schist colluvial slopes	Bedrock (paralithic)	50-90	Moderately cemented	0	0	Moderate	Low	Moderate
Alpine-dwarf scrub gravelly schist steps and lobes	Bedrock (paralithic)	110-150	Moderately cemented	0	0	Moderate	Low	High
7NG:								
Alpine-scrub mosaic gravelly slopes	Strongly contrasting textural stratification	5-13	Noncemented	0	0	Moderate	Low	High
Alpine-scrub-sedge gravelly slopes, frozen	Strongly contrasting textural stratification	19-39	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	28-96	Strongly cemented					
Alpine-scrub gravelly circles, frozen	Strongly contrasting textural stratification	2-32	Noncemented	60-105	90-150	High	Moderate	High
	Permafrost	90-150	Strongly cemented					

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
7NG2:								
Alpine-scrub gravelly slopes	Strongly contrasting textural strtification	9-21	Noncemented	0	0	Moderate	Low	High
Subalpine-scrub-meadow mosaic gravelly swales, Nenana Gravels	Strongly contrasting textural stratification	23-49	Noncemented	0	0	High	Moderate	Moderate
Alpine-scrub-meadow mosaic gravelly till swales	Strongly contrasting textural stratification	12-32	Noncemented	0	0	High	Moderate	Moderate
7P1:								
Alpine-scrub gravelly outwash slopes	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High
Alpine-scrub-sedge loamy terraces, frozen	Permafrost	41-150	Strongly cemented	10-40	10-60	High	High	Low
	Strongly contrasting textural stratification	41-150	Noncemented					
Subalpine-scrub-meadow mosaic gravelly till swales	Strongly contrasting textural stratification	21-53	Noncemented	0	0	High	Moderate	Moderate
7P2:								
Boreal-forested gravelly outwash slopes	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High
Boreal-meadow loamy outwash slope depressions	Strongly contrasting textural stratification	58-123	Noncemented	0	0	High	Moderate	Moderate
7P4:								
Boreal-forested gravelly till slopes	Strongly contrasting textural stratification	9-21	Noncemented	0	0	Moderate	Low	High
Boreal-taiga loamy drift slopes, frozen	Permafrost	42-68	Strongly cemented	40-85	60-120	High	High	Moderate
Boreal-forested gravelly outwash slopes	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High
7P6:								
Boreal-taiga high elevation loamy terraces, frozen	Permafrost	63-91	Strongly cemented	40-85	60-120	High	High	Low
Boreal-woodland gravelly terraces	Strongly contrasting textural stratification	10-29	Noncemented	0	0	Low	Low	High
7SA1:								
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
Alpine-dwarf scrub dark gravelly colluvial slopes	Strongly contrasting textural stratification	5-20	Noncemented	0	0	Moderate	Low	Low
	Bedrock (paralithic)	53-150	Strongly cemented					
Alpine-scrub gravelly colluvial slopes	Strongly contrasting textural stratification	4-18	Noncemented	0	0	Moderate	Low	High
	Bedrock (paralithic)	49-150	Strongly cemented					

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
7SA3:								
Subalpine-scrub-meadow mosaic gravelly till swales	Strongly contrasting textural stratification	21-53	Noncemented	0	0	High	Moderate	Moderate
Alpine-scrub gravelly till slopes, frozen	Strongly contrasting textural stratification	21-29	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	48-130	Strongly cemented					
Alpine-scrub gravelly till slopes	Strongly contrasting textural stratification	9-21	Noncemented	0	0	Moderate	Low	High
7SA31:								
Subalpine-scrub gravelly colluvial slopes	Strongly contrasting textural stratification	9-26	Noncemented	0	0	Moderate	Low	High
	Bedrock (paralithic)	46-150	Strongly cemented					
Subalpine-scrub-meadow mosaic gravelly till swales	Strongly contrasting textural stratification	21-53	Noncemented	0	0	High	Moderate	Moderate
Alpine-scrub gravelly till slopes	Strongly contrasting textural stratification	9-21	Noncemented	0	0	Moderate	Low	High
7ST:								
Alpine-scrub gravelly terraces	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High
Alpine-scrub loamy terraces	Strongly contrasting textural stratification	11-17	Noncemented	0	0	Moderate	Low	High
	Strongly contrasting textural stratification	29-88	Noncemented					
7STF:								
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	Permafrost	43-54	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-taiga high elevation loamy terraces, frozen	Permafrost	63-91	Strongly cemented	40-85	60-120	High	High	Low
7TM:								
Alpine-dwarf scrub gravelly till slopes	Strongly contrasting textural stratification	5-15	Noncemented	0	0	Moderate	Low	High
Alpine-scrub gravelly till circles, frozen	Strongly contrasting textural stratification	2-32	Noncemented	60-105	90-150	High	Moderate	High
	Permafrost	90-150	Strongly cemented					
Alpine-scrub-sedge gravelly till slopes, frozen	Permafrost	32-64	Strongly cemented	10-40	10-60	High	High	Moderate
7TM1:								
Alpine-dwarf scrub gravelly till steps and lobes	none	---	---	0	0	Moderate	Low	Moderate
Alpine-scrub-sedge gravelly till slopes, frozen	Permafrost	32-64	Strongly cemented	10-40	10-60	High	High	Moderate
Alpine-scrub-meadow mosaic gravelly till swales	Strongly contrasting textural stratification	12-32	Noncemented	0	0	High	Moderate	Moderate

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
7TM2:								
Alpine-scrub gravelly till slopes, frozen	Strongly contrasting textural stratification	21-29	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	48-130	Strongly cemented					
Alpine-dwarf scrub gravelly till slopes	Strongly contrasting textural stratification	5-15	Noncemented	0	0	Moderate	Low	High
Subalpine-scrub-meadow mosaic gravelly till swales	Strongly contrasting textural stratification	21-53	Noncemented	0	0	High	Moderate	Moderate
7TM21:								
Alpine-dwarf scrub gravelly diorite till swales	none	---	---	0	0	Low	Low	High
Alpine-dwarf scrub gravelly diorite till hummocks and lobes	none	---	---	0	0	Moderate	Low	Moderate
Alpine-scrub gravelly diorite till slopes	Strongly contrasting textural stratification	9-21	Noncemented	0	0	Moderate	Low	High
7TM24:								
Alpine-dwarf scrub gravelly diorite colluvial slopes	none	---	---	0	0	Moderate	Low	High
Alpine-dwarf scrub gravelly diorite fans	Strongly contrasting textural stratification	9-14	Noncemented	0	0	Moderate	Low	Moderate
Alpine-dwarf scrub gravelly diorite fans, cold	Strongly contrasting textural stratification	9-14	Noncemented	0	0	Moderate	Low	Moderate
7TMS:								
Alpine-dwarf scrub gravelly till slopes	Strongly contrasting textural stratification	5-15	Noncemented	0	0	Moderate	Low	High
Alpine-dwarf scrub grvelly till steps and lobes	none	---	---	0	0	Moderate	Low	Moderate
Alpine-dwarf scrub gravelly till slopes, cold	Strongly contrasting textural stratification	5-15	Noncemented	0	0	Moderate	Low	High
7TP:								
Alpine-scrub-sedge gravelly till slopes, frozen	Permafrost	32-64	Strongly cemented	10-40	10-60	High	High	Moderate
Alpine-scrub-meadow mosaic gravelly till swales	Strongly contrasting textural stratification	12-32	Noncemented	0	0	High	Moderate	Moderate
Alpine-scrub gravelly till circles, frozen	Strongly contrasting textural stratification	2-32	Noncemented	60-105	90-150	High	Moderate	High
	Permafrost	90-150	Strongly cemented					
7TP2:								
Alpine-scrub gravelly till slopes	Strongly contrasting textural stratification	9-21	Noncemented	0	0	Moderate	Low	High
Alpine-scrub mosaic gravelly till slopes	Strongly contrasting textural stratification	5-15	Noncemented	0	0	Moderate	Low	High

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
7TP2:								
Alpine-scrub-sedge gravelly till slopes, frozen	Permafrost	32-64	Strongly cemented	10-40	10-60	High	High	Moderate
7TP3:								
Alpine-scrub gravelly till slopes	Strongly contrasting textural stratification	9-21	Noncemented	0	0	Moderate	Low	High
Boreal-forested gravelly till slopes, moderately wet	Strongly contrasting textural stratification	21-53	Noncemented	0	0	High	Moderate	Moderate
Boreal-taiga gravelly till slopes, frozen	Strongly contrasting textural stratification	33-45	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	40-64	Strongly cemented					
7TP4:								
Alpine-scrub-sedge gravelly till slopes, frozen	Permafrost	32-64	Strongly cemented	10-40	10-60	High	High	Moderate
Boreal-taiga gravelly till slopes, frozen	Strongly contrasting textural stratification	33-45	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	40-64	Strongly cemented					
7TP5:								
Boreal-taiga gravelly till slopes, frozen	Strongly contrasting textural stratification	33-45	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	40-64	Strongly cemented					
Alpine-scrub gravelly till slopes	Strongly contrasting textural stratification	9-21	Noncemented	0	0	Moderate	Low	High
7TP8:								
Alpine-scrub gravelly diorite till slopes	Strongly contrasting textural stratification	9-21	Noncemented	0	0	Moderate	Low	High
Alpine-dwarf scrub gravelly diorite till slopes	none	---	---	0	0	Low	Low	High
Alpine-scrub-meadow mosaic gravelly diorite swales	Strongly contrasting textural stratification	20-52	Noncemented	0	0	High	Moderate	Moderate
7V1:								
Alpine-scrub gravelly terraces	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High
Alpine-scrub-sedge loamy terraces, frozen	Permafrost	41-150	Strongly cemented	10-40	10-60	High	High	Moderate
	Strongly contrasting textural stratification	41-150	Noncemented					
Alpine-scrub-sedge gravelly till slopes, frozen	Permafrost	32-64	Strongly cemented	10-40	10-60	High	High	Moderate
7V1A:								
Alpine-dwarf scrub gravelly diorite fans	Strongly contrasting textural stratification	9-14	Noncemented	0	0	Moderate	Low	Moderate
Alpine-scrub mosaic gravelly diorite terraces	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
7V1A:								
Alpine-dwarf scrub gravelly diorite fans, cold	Strongly contrasting textural stratification	9-14	Noncemented	0	0	Moderate	Low	Moderate
7V1B:								
Alpine-scrub mosaic gravelly diorite terraces	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High
Alpine-scrub loamy diorite terraces, frozen	Permafrost	41-68	Strongly cemented	10-40	10-60	High	High	High
	Strongly contrasting textural stratification	41-68	Strongly cemented					
Subalpine-riparian scrub gravelly diorite flood plains	none	---	---	0	0	Low	Low	High
7V2:								
Boreal-forested loamy fan terraces	Strongly contrasting textural stratification	22-25	Noncemented	0	0	High	Moderate	Low
	Strongly contrasting textural stratification	32-78	Noncemented					
Boreal-woodland gravelly terraces	Strongly contrasting textural stratification	10-29	Noncemented	0	0	Low	Low	High
Alpine-scrub gravelly terraces	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High
7V5:								
Alpine-dwarf scrub gravelly fan terraces	Strongly contrasting textural stratification	3-13	Noncemented	0	0	Low	Low	Moderate
Alpine-scrub-sedge loamy terraces, frozen	Permafrost	41-68	Strongly cemented	10-40	10-60	High	High	Low
	Strongly contrasting textural stratification	41-68	Noncemented					
Alpine-riparian scrub gravelly flood plains, cold	Strongly contrasting textural stratification	0-18	Noncemented	0	0	Low	Low	Low
7V11:								
Alpine-riparian scrub gravelly flood plains	Strongly contrasting textural stratification	0-18	Noncemented	0	0	Low	Low	Low
Nonvegetated alluvium	none	---	---	---	---	---	---	---
Alpine-scrub gravelly terraces	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High
8FP1:								
Alpine-riparian scrub gravelly schist flood plains, moderately wet	Strongly contrasting textural stratification	8-18	Noncemented	0	0	Moderate	Low	Low
Alpine-riparian scrub gravelly schist flood plains	Strongly contrasting textural stratification	18-27	Noncemented	0	0	Low	Low	Moderate
Alpine-riparian scrub loamy schist flood plains, wet	Strongly contrasting textural stratification	40-66	Noncemented	0	0	High	High	Moderate

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
8FP2:								
Boreal-riparian scrub gravelly schist flood plains, moderately wet	Strongly contrasting textural stratification	8-18	Noncemented	0	0	Moderate	Low	Low
Boreal-riparian forested gravelly schist flood plains	none	---	---	0	0	Low	Low	Low
Alpine-scrub gravelly schist terraces	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High
8LM:								
Alpine-scrub-sedge silty hummocks, frozen	Permafrost	51-82	Strongly cemented	60-105	90-150	High	High	Moderate
Alpine-tussock-scrub mica rich silty slopes, frozen	Permafrost	51-82	Strongly cemented	60-105	90-150	High	High	Moderate
Alpine-scrub gravelly schist circles, frozen	Strongly contrasting textural stratification	1-12	Noncemented	60-105	90-150	High	Moderate	Moderate
	Bedrock (paralithic)	88-150	Moderately cemented					
	Permafrost	88-150	Strongly cemented					
8LM1:								
Alpine-scrub-sedge-gravelly schist hummocks, frozen	Strongly contrasting textural stratification	29-44	Noncemented	60-105	90-150	High	High	High
	Permafrost	33-77	Strongly cemented					
Alpine-scrub gravelly schist circles, frozen	Strongly contrasting textural stratification	1-12	Noncemented	60-105	90-150	High	Moderate	Moderate
	Bedrock (paralithic)	88-150	Moderately cemented					
	Permafrost	88-150	Strongly cemented					
Alpine-tussock-scrub gravelly schist slopes, frozen	Strongly contrasting textural stratification	29-44	Noncemented	60-105	90-150	High	High	High
	Permafrost	33-77	Strongly cemented					
8LMF:								
Boreal-taiga high elevation silty mica rich loess hills, frozen	Permafrost	33-75	Strongly cemented	40-85	60-120	High	Low	Moderate
Boreal-taiga/tussock mica rich silty loess slopes, frozen	Permafrost	51-82	Strongly cemented	60-105	90-150	High	High	Moderate
8LMV:								
Alpine-dwarf scrub gravelly schist colluvial slopes	Bedrock (paralithic)	50-90	Moderately cemented	0	0	Moderate	Low	Moderate
Alpine-scrub gravelly schist colluvial slopes, thick surface	Strongly contrasting textural stratification	5-25	Noncemented	0	0	Moderate	Low	Moderate
	Bedrock (paralithic)	110-150	Moderately cemented					

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
8LMV:								
Subalpine-scrub gravelly schist colluvial slopes	Strongly contrasting textural stratification	4-32	Noncemented	0	0	Moderate	Low	High
	Bedrock (paralithic)	53-150	Moderately cemented					
8MBS:								
Alpine-scrub gravelly schist colluvial slopes	Strongly contrasting textural stratification	5-25	Noncemented	0	0	Moderate	Low	Moderate
	Bedrock (paralithic)	110-150	Moderately cemented					
Alpine-scrub mosaic gravelly colluvial schist slopes	Bedrock (paralithic)	19-90	Moderately cemented	0	0	Moderate	Low	Moderate
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen	Strongly contrasting textural stratification	27-39	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	51-144	Moderately cemented					
	Bedrock (paralithic)	90-150	Moderately cemented					
8MFS:								
Alpine-scrub gravelly schist colluvial toeslopes, frozen	Permafrost	33-62	Strongly cemented	40-85	60-120	High	High	High
	Strongly contrasting textural stratification	33-62	Noncemented					
Alpine-scrub gravelly schist colluvial slopes	Strongly contrasting textural stratification	5-25	Noncemented	0	0	Moderate	Low	Moderate
	Bedrock (paralithic)	110-150	Moderately cemented					
Subalpine-scrub-meadow mosaic gravelly schist swales	Strongly contrasting textural stratification	8-30	Noncemented	0	0	High	Moderate	Moderate
	Bedrock (paralithic)	78-150	Moderately cemented					
8MFS1:								
Boreal-taiga gravelly schist slopes, frozen	Strongly contrasting textural stratification	25-49	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	25-49	Strongly cemented					
	Bedrock (paralithic)	70-150	Moderately cemented					
Alpine-scrub gravelly schist colluvial toeslopes, frozen	Permafrost	33-62	Strongly cemented	40-85	60-120	High	High	High
	Strongly contrasting textural stratification	33-62	Noncemented					
Alpine-tussock-scrub gravelly schist slopes, frozen	Strongly contrasting textural stratification	29-44	Noncemented	60-105	90-150	High	High	High
	Permafrost	33-77	Strongly cemented					

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
8MS:								
Alpine-dwarf scrub gravelly schist colluvial slopes	Bedrock (paralithic)	50-90	Moderately cemented	0	0	Moderate	Low	Moderate
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen	Permafrost	68-150	Moderately cemented	60-105	90-150	High	High	Low
	Bedrock (paralithic)	68-150	Moderately cemented					
8MVF:								
Boreal-forested silty schist slopes, wet	Strongly contrasting textural stratification	16-43	Noncemented	0	0	High	High	Low
	Bedrock (paralithic)	84-150	Moderately cemented					
Subalpine-scrub-meadow mosaic gravelly schist swales	Strongly contrasting textural stratification	8-30	Noncemented	0	0	High	Moderate	Moderate
	Bedrock (paralithic)	78-150	Moderately cemented					
Boreal-forested gravelly schist colluvial slopes	Strongly contrasting textural stratification	4-22	Noncemented	0	0	Moderate	Low	High
	Bedrock (paralithic)	53-150	Moderately cemented					
8ST1:								
Alpine-tussock-scrub gravelly schist slopes, frozen	Strongly contrasting textural stratification	29-44	Noncemented	60-105	90-150	High	High	High
	Permafrost	33-77	Strongly cemented					
Alpine-scrub gravelly schist colluvial toeslopes, frozen	Permafrost	33-62	Strongly cemented	40-85	60-120	High	High	High
	Strongly contrasting textural stratification	33-62	Noncemented					
Alpine-scrub gravelly schist terraces	Strongly contrasting textural stratification	15-31	Noncemented	0	0	Low	Low	High
9AF:								
Subalpine-scrub gravelly fan terraces	Strongly contrasting textural stratification	4-18	Noncemented	0	0	Low	Low	High
9AF2:								
Boreal-riparian forested gravelly high flood plains, Cook Inlet	Strongly contrasting textural stratification	12-32	Noncemented	0	0	Low	Low	Moderate
Boreal-forested gravelly fan terraces	Strongly contrasting textural stratification	4-18	Noncemented	0	0	Low	Low	High
Boreal-riparian forested hardwood gravelly flood plains	none	---	---	0	0	Low	Low	Low

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
9CE:								
Subalpine-scrub gravelly moraines	none	---	---	0	0	Moderate	Low	Low
South Central nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
Boreal-woodland gravelly moraines	Strongly contrasting textural stratification	7-12	Noncemented	0	0	Moderate	Low	High
9MSA:								
Alpine-dwarf scrub gravelly diorite colluvial slopes, warm	Bedrock (paralithic)	100-150	Moderately cemented	0	0	Moderate	High	High
South Central nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
Alpine-dwarf scrub gravelly diorite colluvial slopes, cool	Bedrock (paralithic)	100-150	Moderately cemented	0	0	Moderate	High	High
9MSH:								
South Central nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, warm	Strongly contrasting textural stratification	19-40	Noncemented	0	0	Moderate	High	High
	Bedrock (paralithic)	33-150	Strongly cemented					
Alpine-dwarf scrub gravelly colluvial slopes, cool	Strongly contrasting textural stratification	4-15	Noncemented	0	0	Moderate	High	High
	Bedrock (paralithic)	33-150	Strongly cemented					
9MSH1:								
Alpine-dwarf scrub silty hummocks	Strongly contrasting textural strtification	20-42	Noncemented	0	0	High	High	High
	Bedrock (paralithic)	53-91	Strongly cemented					
Alpine-dwarf scrub gravelly colluvial slopes, warm	Strongly contrasting textural stratification	19-40	Noncemented	0	0	Moderate	High	High
	Bedrock (paralithic)	33-150	Strongly cemented					
Alpine-scrub-meadow mosaic gravelly colluvial slopes	Bedrock (paralithic)	53-150	Strongly cemented	0	0	Moderate	Low	High
9SA4:								
Alpine-scrub-meadow mosaic gravelly colluvial slopes	Bedrock (paralithic)	53-150	Strongly cemented	0	0	Moderate	Low	High
South Central nonvegetated rock outcrop, ice, talus and/or drift	none	---	---	---	---	---	---	---

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
9SA5:								
Subalpine-scrub-meadow mosaic gravelly colluvial slopes	Strongly contrasting textural stratification	4-10	Noncemented	0	0	Moderate	High	High
	Bedrock (paralithic)	56-150	Moderately cemented					
Alpine-scrub gravelly colluvial slopes, warm	Strongly contrasting textural stratification	19-58	Noncemented	0	0	Moderate	High	High
	Bedrock (paralithic)	46-150	Strongly cemented					
South Central nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
9SA6:								
Subalpine-scrub-meadow mosaic silty till slopes	Strongly contrasting textural stratification	17-88	Noncemented	0	0	High	High	High
9SA44:								
Alpine-scrub-meadow mosaic silty till slopes	Strongly contrasting textural stratification	13-31	Noncemented	0	0	Moderate	High	Moderate
Alpine-scrub gravelly till slopes, warm	Strongly contrasting textural stratification	11-26	Noncemented	0	0	Moderate	High	High
								9SA44:
Alpine-dwarf scrub gravelly till hummocks	Strongly contrasting textural stratification	20-49	Noncemented	0	0	Moderate	High	High
	Bedrock (paralithic)	83-150	Strongly cemented					
9SA61:								
Subalpine-scrub-meadow mosaic silty till slopes	Strongly contrasting textural stratification	17-88	Noncemented	0	0	High	High	High
Alpine-sedge wet meadow organic depressions	Strongly contrasting textural stratification	58-150	Noncemented	25-100	40-145	High	High	High
Alpine-scrub gravelly wet till swales	Strongly contrasting textural stratification	24-58	Noncemented	0	0	High	High	Moderate
9SA62:								
Subalpine-scrub-meadow mosaic silty till slopes	Strongly contrasting textural stratification	17-88	Noncemented	0	0	High	High	High
Alpine-scrub gravelly wet till swales	Strongly contrasting textural stratification	24-58	Noncemented	0	0	High	High	Moderate
9SA66:								
Subalpine-scrub-meadow mosaic gravelly colluvial slopes	Strongly contrasting textural stratification	4-10	Noncemented	0	0	Moderate	High	High
	Bedrock (paralithic)	56-150	Moderately cemented					
Subalpine-scrub-meadow mosaic silty till slopes	Strongly contrasting textural stratification	17-88	Noncemented	0	0	High	High	High
Alpine-scrub gravelly colluvial slopes, warm	Strongly contrasting textural stratification	19-58	Noncemented	0	0	Moderate	High	High
	Bedrock (paralithic)	46-150	Strongly cemented					

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
9TM:								
Alpine-scrub-meadow mosaic silty till slopes	Strongly contrasting textural stratification	13-31	Noncemented	0	0	Moderate	High	Moderate
Subalpine-scrub-meadow mosaic silty till slopes	Strongly contrasting textural stratification	17-88	Noncemented	0	0	High	High	High
Alpine-scrub gravelly till slopes, warm	Strongly contrasting textural stratification	11-26	Noncemented	0	0	Moderate	High	High
9TM3:								
Alpine-dwarf scrub silty till hummocks	Strongly contrasting textural stratification	20-42	Noncemented	0	0	High	High	High
Alpine-dwarf scrub gravelly till hummocks	Strongly contrasting textural stratification	20-49	Noncemented	0	0	Moderate	High	High
	Bedrock (paralithic)	83-150	Strongly cemented					
Alpine-scrub mosaic gravelly till drains	Strongly contrasting textural stratification	13-16	Noncemented	0	0	High	Moderate	Low
9TM4:								
Alpine-dwarf scrub silty till hummocks	Strongly contrasting textural stratification	20-42	Noncemented	0	0	High	High	High
Alpine-dwarf scrub gravelly diorite till slopes, warm	Strongly contrasting textural stratification	10-20	Noncemented	0	0	Moderate	Low	High
Alpine-scrub-meadow mosaic gravelly diorite colluvial slopes	none	---	---	0	0	Moderate	High	High
9TMF:								
Boreal-forested silty till slopes, ash influenced, warm	Strongly contrasting textural stratification	20-37	Noncemented	0	0	High	High	High
Subalpine-scrub-meadow mosaic silty till slopes	Strongly contrasting textural stratification	17-88	Noncemented	0	0	High	High	High
9TP:								
Alpine-scrub-meadow mosaic silty till slopes	Strongly contrasting textural stratification	13-31	Noncemented	0	0	Moderate	High	Moderate
Alpine-dwarf scrub silty till hummocks	Strongly contrasting textural stratification	20-42	Noncemented	0	0	High	High	High
Alpine-scrub gravelly wet till swales	Strongly contrasting textural stratification	24-58	Noncemented	0	0	High	High	Moderate
9V12:								
Alpine-dwarf scrub gravelly fan terraces, warm	Strongly contrasting textural stratification	2-8	Noncemented	0	0	Low	Low	High
Nonvegetated alluvium	none	---	---	---	---	---	---	---
Alpine-dwarf scrub gravelly fan terraces	Strongly contrasting textural stratification	3-13	Noncemented	0	0	Low	Low	Moderate

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
10ES:								
Boreal-forested gravelly colluvial slopes, dissected	Strongly contrasting textural stratification	9-18	Noncemented	0	0	Moderate	Low	Moderate
Alpine-scrub-sedge gravelly slopes, frozen	Strongly contrasting textural stratification	19-39	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	28-96	Strongly cemented					
Subalpine-forested stunted hardwood gravelly colluvial slopes, dissected	Strongly contrasting textural stratification	3-7	Noncemented	0	0	Moderate	Low	Low
10ES1:								
Boreal-forested gravelly colluvial slopes, dissected	Strongly contrasting textural stratification	9-18	Noncemented	0	0	Moderate	Low	Moderate
Boreal-taiga high elevation silty loess slopes, frozen	Permafrost	44-83	Strongly cemented	40-85	60-120	High	High	Moderate
Alpine-scrub-sedge gravelly slopes, frozen	Strongly contrasting textural stratification	19-39	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	28-96	Strongly cemented					
10LM:								
Alpine-scrub-sedge gravelly slopes, frozen	Strongly contrasting textural stratification	19-39	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	28-96	Strongly cemented					
Alpine-scrub mosaic gravelly slopes	Strongly contrasting textural stratification	5-13	Noncemented	0	0	Moderate	Low	High
10P1:								
Alpine-scrub gravelly circles, frozen	Strongly contrasting textural stratification	2-32	Noncemented	60-105	90-150	High	Moderate	High
	Permafrost	90-150	Strongly cemented					
Alpine-scrub-sedge gravelly slopes, frozen	Strongly contrasting textural stratification	19-39	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	28-96	Strongly cemented					
10P3:								
Boreal-taiga high elevation silty loess slopes, frozen	Permafrost	44-83	Strongly cemented	40-85	60-120	High	High	Moderate
Boreal-taiga/tussock high elevation silty frozen loess slopes, Alaska Mountains	Permafrost	51-70	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-taiga high elevation silty loess hills, frozen	Permafrost	33-75	Strongly cemented	40-85	60-120	High	Low	Moderate

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
10P4:								
Alpine-scrub gravelly circles, frozen	Strongly contrasting textural stratification	2-32	Noncemented	60-105	90-150	High	Moderate	High
	Permafrost	90-150	Strongly cemented					
Alpine-scrub mosaic gravelly slopes	Strongly contrasting textural stratification	5-13	Noncemented	0	0	Moderate	Low	High
Alpine-scrub-sedge gravelly slopes, frozen	Strongly contrasting textural stratification	19-39	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	28-96	Strongly cemented					
10SU:								
Alpine-tussock-scrub silty loess slopes, frozen	Permafrost	51-70	Strongly cemented	60-105	90-150	High	High	High
Alpine-scrub-sedge gravelly slopes, frozen	Strongly contrasting textural stratification	19-39	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	28-96	Strongly cemented					
10TS:								
Boreal-taiga high elevation silty loess silty, frozen	Permafrost	44-83	Strongly cemented	40-85	60-120	High	High	Moderate
Boreal-taiga/tussock high elevation silty frozen loess slopes, Alaska Mountains	Permafrost	51-70	Strongly cemented	60-105	90-150	High	High	Moderate
10TS1:								
Boreal-taiga gravelly slopes, frozen	Strongly contrasting textural stratification	33-45	Noncemented	10-40	10-60	High	High	Moderate
	Permafrost	40-64	Strongly cemented					
Boreal-taiga/tussock high elevation silty frozen loess slopes, Alaska Mountains	Permafrost	51-70	Strongly cemented	60-105	90-150	High	High	Moderate
10V2:								
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	Permafrost	43-54	Strongly cemented	60-105	90-150	High	High	Moderate
Boreal-taiga high elevation loamy terraces, frozen	Permafrost	63-91	Strongly cemented	40-85	60-120	High	High	Low
Boreal-riparian scrub gravelly flood plains	Strongly contrasting textural stratification	0-17	Noncemented	0	0	Low	Low	Low
11FP:								
Boreal-riparian forested loamy high flood plains	Strongly contrasting textural stratification	32-88	Noncemented	0	0	High	Low	Moderate
Boreal-riparian scrub gravelly flood plains, moderately wet	Strongly contrasting textural stratification	8-17	Noncemented	0	0	Moderate	Low	Low
Boreal-riparian scrub gravelly flood plains	Strongly contrasting textural stratification	0-17	Noncemented	0	0	Low	Low	Low

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
11P:								
Alpine-tussock-scrub silty loess slopes, frozen	Permafrost	51-70	Strongly cemented	60-105	90-150	High	High	High
11P1:								
Alpine-tussock-scrub silty loess slopes, frozen	Permafrost	51-70	Strongly cemented	60-105	90-150	High	High	High
Alpine-scrub organic mounds, frozen	Permafrost	38-61	Strongly cemented	70-150	125-150	High	High	High
Alpine-sedge bog organic depressions, frozen	Strongly contrasting textural stratification	54-63	Strongly cemented	60-105	90-150	High	High	Moderate
	Permafrost	54-63	Strongly cemented					
11ST:								
Boreal-riparian forested loamy high flood plains	Strongly contrasting textural stratification	32-88	Noncemented	0	0	High	Low	Moderate
Boreal-taiga high elevation loamy terraces, frozen	Permafrost	63-91	Strongly cemented	40-85	60-120	High	High	Low
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	Permafrost	43-54	Strongly cemented	60-105	90-150	High	High	Low
12B:								
Boreal-sedge bog organic depressions	none	---	---	70-150	125-150	High	High	High
Boreal-woodland bog organic depressions	none	---	---	65-85	95-120	High	High	High
12HS2:								
Boreal-forested silty till slopes, ash influenced, warm	Strongly contrasting textural stratification	20-37	Noncemented	0	0	High	High	High
Boreal-forested silty wet till slopes, ash influenced	Strongly contrasting textural stratification	78-120	Noncemented	0	0	High	High	Moderate
Boreal-sedge bog organic depressions	none	---	---	70-150	125-150	High	High	High
13F21:								
Subalpine-riparian scrub gravelly diorite flood plains, moderately wet	none	---	---	0	0	Moderate	Low	High
Alpine-riparian scrub loamy diorite low flood plains, wet	Strongly contrasting textural stratification	33-78	Noncemented	0	0	High	High	Low
Subalpine-riparian wet meadow organic depressions	Strongly contrasting textural stratification	24-86	Noncemented	30-50	40-70	High	High	High
	Strongly contrasting textural stratification	42-150	Noncemented					

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
13F22:								
Alpine-riparian scrub gravelly diorite flood plains	none	---	---	0	0	Low	Low	High
Nonvegetated alluvium	none	---	---	---	---	---	---	---
Alpine-riparian scrub loamy diorite low flood plains, wet	Strongly contrasting textural stratification	33-78	Noncemented	0	0	High	High	Low
13FP:								
Boreal-riparian forested gravelly high flood plains, Cook Inlet	Strongly contrasting textural stratification	12-32	Noncemented	0	0	Low	Low	Moderate
Boreal-riparian scrub gravelly flood plains, moderately wet and warm	none	---	---	0	0	Moderate	Low	Moderate
Nonvegetated alluvium	none	---	---	---	---	---	---	---
13FP2:								
Boreal-riparian forested hardwood gravelly flood plains	none	---	---	0	0	Low	Low	Low
Nonvegetated alluvium	none	---	---	---	---	---	---	---
Boreal-riparian scrub gravelly flood plains, moderately wet and warm	none	---	---	0	0	Moderate	Low	Moderate
13FPW:								
Boreal-riparian scrub loamy wet flood plains, Cook Inlet	Strongly contrasting textural stratification	33-78	Noncemented	0	0	High	High	Low
Boreal-riparian forested loamy wet flood plains, Cook Inlet	Strongly contrasting textural stratification	60-98	Noncemented	0	0	High	Moderate	Low
Subalpine-riparian wet meadow organic depressions	Strongly contrasting textural stratification	24-86	Noncemented	30-50	40-70	High	High	High
	Strongly contrasting textural stratification	42-150	Noncemented					
13FWW:								
Boreal-riparian scrub organic flood plains, wer	Strongly contrasting textural stratification	59-96	Noncemented	30-70	45-70	High	High	Moderate
Boreal-riparian wet meadow organic flood plains, Cook Inlet	Strongly contrasting textural stratification	59-96	Noncemented	30-70	45-70	High	High	Moderate
Boreal-riparian forested loamy wet flood plains, Cook Inlet	Strongly contrasting textural stratification	60-98	Noncemented	0	0	High	Moderate	Low
G:								
Nonvegetated alluvium	none	---	---	---	---	---	---	---

Table 14. Soil Features--Continued

Map symbol and common component name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Hardness	Initial	Total		Uncoated steel	Concrete
		cm		cm	cm			
G1:								
Nonvegetated alluvium	none	---	---	---	---	---	---	---
G2:								
Nonvegetated alluvium	none	---	---	---	---	---	---	---
GA:								
Nonvegetated alluvium	none	---	---	---	---	---	---	---
NV1:								
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
NV2:								
South Central nonvegetated rock outcrop, ice, talus, and/or drift	none	---	---	---	---	---	---	---
W:								
Water	none	---	---	---	---	---	---	---

Table 15. Hydric Soils List

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
1FP:						
Boreal-riparian forested loamy wet flood plains, frozen (50%)	Yes	flood plains	2B3	Yes	No	No
Boreal-riparian forested loamy flood plains, moderately wet (20%)	No	channels on flood plains	---	---	---	---
Boreal-riparian forested loamy flood plains, Kuskokwim Plains (15%)	No	flood plains	---	---	---	---
Boreal-taiga loamy channels, frozen (10%)	Yes	channels on stream terraces	2B3	Yes	No	No
Boreal-riparian wet meadow organic depressions (5%)	Yes	cutoffs on flood plains	1,3	Yes	No	Yes
1FP2:						
Boreal-taiga deep loamy terraces, frozen (40%)	Yes	stream terraces	2B3	Yes	No	No
Boreal-riparian forested loamy flood plains (20%)	No	flood plains	---	---	---	---
Boreal-riparian wet meadow organic depressions (10%)	Yes	cutoffs on flood plains	1,3	Yes	No	Yes
Boreal-riparian forested loamy flood plains, frozen (10%)	No	flood plains	---	---	---	---
Boreal-riparian woodland loamy flood plains, wet (10%)	Yes	flood plains	2B3,3	Yes	No	Yes
Boreal-taiga loamy channels, frozen (10%)	Yes	channels on stream terraces	2B3	Yes	No	No
1FP4:						
Boreal-riparian forested loamy wet flood plains, frozen (25%)	Yes	flood plains	2B3	Yes	No	No
Boreal-riparian forested loamy flood plains, frozen (25%)	No	flood plains	---	---	---	---
Boreal-riparian wet meadow organic depressions (20%)	Yes	cutoffs on flood plains	1,3	Yes	No	Yes
Boreal-riparian scrub silty flood plains, wet (15%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
Boreal-taiga deep loamy terraces, frozen (13%)	Yes	stream terraces	2B3	Yes	No	No
Nonvegetated alluvium (2%)	Unranked	NO DATA	---	---	---	---
1FW1:						
Boreal-taiga deep loamy terraces, frozen (30%)	Yes	stream terraces	2B3	Yes	No	No
Boreal-taiga/tussock silty terraces, frozen (30%)	Yes	turf hummocks on stream terraces	2B3	Yes	No	No
Boreal-taiga loamy channels, frozen (20%)	Yes	channels on stream terraces	2B3	Yes	No	No

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
1FW1:						
Boreal-riparian forested loamy flood plains, frozen (10%)	No	flood plains	---	---	---	---
Boreal-riparian wet meadow organic depressions (8%)	Yes	cutoffs on flood plains	1,3	Yes	No	Yes
Boreal-bog organic depressions (2%)	Yes	bogs on peat plateaus	1,3	Yes	No	Yes
1ST:						
Boreal-taiga silty loess slopes, frozen (40%)	Yes	plains	2B3	Yes	No	No
Boreal-riparian forested loamy flood plains, frozen (30%)	No	flood plains	---	---	---	---
Boreal-riparian wet meadow organic depressions (15%)	Yes	cutoffs on flood plains	1,3	Yes	No	Yes
Boreal-bog organic depressions (15%)	Yes	depressions on outwash plains	1,3	Yes	No	Yes
1ST1:						
Boreal-taiga deep loamy terraces, frozen (45%)	Yes	stream terraces	2B3	Yes	No	No
Boreal-taiga/tussock silty terraces, frozen (25%)	Yes	turf hummocks on stream terraces	2B3	Yes	No	No
Boreal-riparian wet meadow organic depressions (15%)	Yes	cutoffs on flood plains	1,3	Yes	No	Yes
Boreal-riparian forested loamy wet flood plains, frozen (5%)	Yes	flood plains	2B3	Yes	No	No
Boreal-taiga peat plateaus, frozen (5%)	No	peat plateaus on plains	---	---	---	---
Boreal-bog organic depressions (5%)	Yes	bogs on peat plateaus	1,3	Yes	No	Yes
1STW:						
Boreal-taiga/tussock silty terraces, frozen (45%)	Yes	turf hummocks on stream terraces	2B3	Yes	No	No
Boreal-taiga loamy channels, frozen (25%)	Yes	channels on stream terraces	2B3	Yes	No	No
Boreal-taiga deep loamy terraces, frozen (20%)	Yes	stream terraces	2B3	Yes	No	No
Boreal-riparian wet meadow organic depressions (5%)	Yes	cutoffs on flood plains	1,3	Yes	No	Yes
Boreal-taiga scrub bog organic depressions (5%)	Yes	bogs on alluvial flats	1	Yes	No	No
1STW2:						
Boreal-taiga gravelly alluvial plains, wet (35%)	Yes	plains	2B3	Yes	No	No
Boreal-riparian scrub silty drains, frozen (25%)	Yes	drainages on plains	1,3	Yes	Yes	Yes
Boreal-riparian fen organic depressions (20%)	Yes	depressions on plains	1	Yes	No	No

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
2FG:						
Boreal-taiga/tussock silty terraces, frozen (70%)	Yes	turf hummocks on stream terraces	2B3	Yes	No	No
Boreal-taiga peat plateaus, frozen (15%)	No	peat plateaus on plains	---	---	---	---
Boreal-taiga loamy terraces, frozen (10%)	Yes	stream terraces	2B3	Yes	No	No
Boreal-loamy wet meadows (3%)	Yes	depressions on outwash plains	2B3	Yes	No	No
Boreal-bog organic depressions (2%)	Yes	bogs on peat plateaus	1,3	Yes	No	Yes
2FP2:						
Boreal-riparian forested loamy schist flood plains (45%)	No	flood plains	---	---	---	---
Boreal-riparian scrub loamy schist flood plains (30%)	No	flood plains	---	---	---	---
Boreal-riparian forested gravelly flood plains (15%)	No	flood plains	---	---	---	---
Nonvegetated alluvium (10%)	Unranked	NO DATA	---	---	---	---
2FP3:						
Boreal-riparian forested loamy flood plains, Kuskokwim Plains (45%)	No	flood plains	---	---	---	---
Boreal-riparian forested loamy flood plains, moderately wet (15%)	No	channels on flood plains	---	---	---	---
Boreal-riparian forested gravelly flood plains (15%)	No	flood plains	---	---	---	---
Boreal-riparian forested loamy wet flood plains, frozen (10%)	Yes	flood plains	2B3	Yes	No	No
Boreal-taiga loamy terraces, frozen (10%)	Yes	stream terraces	2B3	Yes	No	No
Nonvegetated alluvium (5%)	Unranked	NO DATA	---	---	---	---
2FW2:						
Boreal-taiga deep loamy terraces, frozen (40%)	Yes	stream terraces	2B3	Yes	No	No
Boreal-taiga loamy channels, frozen (30%)	Yes	channels on stream terraces	2B3	Yes	No	No
Boreal-riparian forested loamy wet flood plains, frozen (10%)	Yes	flood plains	2B3	Yes	No	No
Boreal-riparian forested loamy flood plains, thick surface (10%)	No	flood plains	---	---	---	---
Boreal-riparian wet meadow organic depressions (5%)	Yes	cutoffs on flood plains	1,3	Yes	No	Yes
Boreal-riparian forested loamy flood plains, frozen (3%)	No	flood plains	---	---	---	---
Boreal-taiga/tussock silty terraces, frozen (2%)	Yes	turf hummocks on stream terraces	2B3	Yes	No	No

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
2P:						
Boreal-taiga silty outwash plains, frozen (90%)	Yes	outwash plains	2B3	Yes	No	No
Boreal-loamy wet meadows (5%)	Yes	depressions on outwash plains	2B3	Yes	No	No
Boreal-riparian scrub silty drains, frozen (3%)	Yes	drainageways on outwash plains	2B3,3,4	Yes	Yes	Yes
Boreal-bog organic depressions (2%)	Yes	depressions on outwash plains	1,3	Yes	No	Yes
2ST:						
Boreal-forested gravelly terraces (45%)	No	stream terraces	---	---	---	---
Boreal-taiga loamy terraces, frozen (45%)	Yes	stream terraces	2B3	Yes	No	No
Boreal-taiga/tussock silty terraces, frozen (5%)	Yes	turf hummocks on stream terraces	2B3	Yes	No	No
Boreal-taiga loamy channels, frozen (3%)	Yes	channels on stream terraces	2B3	Yes	No	No
Boreal-bog organic depressions (2%)	Yes	depressions on outwash plains	1,3	Yes	No	Yes
2ST2:						
Boreal-riparian forested gravelly high flood plains, Kuskokwim Plains (70%)	No	flood plains	---	---	---	---
Boreal-riparian forested gravelly flood plains (20%)	No	flood plains	---	---	---	---
Boreal-riparian forested loamy flood plains, Kuskokwim Plains (5%)	No	flood plains	---	---	---	---
Boreal-taiga loamy terraces, frozen (5%)	Yes	stream terraces	2B3	Yes	No	No
3BG:						
Boreal-loamy wet meadows (45%)	Yes	depressions on plains	2B3	Yes	No	No
Boreal-bog organic depressions (45%)	Yes	bogs on hills, bogs on plains	1,3	Yes	No	Yes
Boreal-taiga silty loess slopes, frozen (5%)	Yes	plains	2B3	Yes	No	No
Boreal-taiga/tussock silty loess slopes, frozen (5%)	Yes	turf hummocks on plains	2B3	Yes	No	No
3C:						
Boreal-taiga/tussock silty colluvial slopes, frozen (45%)	Yes	turf hummocks on hills	2B3	Yes	No	No
Boreal-taiga silty colluvial slopes, frozen (40%)	Yes	hills	2B3	Yes	No	No
Boreal-riparian tall scrub silty frozen drains, Kuskokwim Plain (10%)	Yes	drainageways on hills	2B3,3,4	Yes	Yes	Yes
Boreal-taiga silty loess hills, frozen (5%)	No	hills	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
3DH:						
Boreal-taiga/tussock silty loess slopes, frozen (45%)	Yes	turf hummocks on hills	2B3	Yes	No	No
Boreal-taiga silty loess slopes, frozen (30%)	Yes	plains	2B3	Yes	No	No
Boreal-taiga/tussock silty colluvial slopes, frozen (15%)	Yes	turf hummocks on hills	2B3	Yes	No	No
Boreal-forested gravelly colluvial slopes, dissected (10%)	No	escarpments on terraces	---	---	---	---
3FG:						
Boreal-taiga/tussock silty loess slopes, frozen (60%)	Yes	turf hummocks on plains	2B3	Yes	No	No
Boreal-taiga silty loess slopes, frozen (30%)	Yes	plains	2B3	Yes	No	No
Boreal-bog organic depressions (5%)	Yes	bogs on peat plateaus	1,3	Yes	No	Yes
Boreal-riparian scrub silty drains, frozen (3%)	Yes	drainageways on plains, draInageways on hills	2B3,3,4	Yes	Yes	Yes
Boreal-taiga peat plateaus, frozen (2%)	No	peat plateaus on plains	---	---	---	---
3FG3:						
Boreal-taiga silty loess slopes, frozen (40%)	Yes	plains	2B3	Yes	No	No
Boreal-taiga/tussock silty loess slopes, frozen (30%)	Yes	turf hummocks on plains	2B3	Yes	No	No
Boreal-taiga peat plateaus, frozen (20%)	No	peat plateaus on plains	---	---	---	---
Boreal-riparian scrub silty drains, frozen (5%)	Yes	drainageways on plains, drainageways on hills	2B3,3,4	Yes	Yes	Yes
Boreal-bog organic depressions (5%)	Yes	bogs on hills, bogs on plains	1,3	Yes	No	Yes
3FP1:						
Boreal-riparian forested loamy flood plains, Kuskokwim Plains (30%)	No	flood plains	---	---	---	---
Boreal-taiga loamy terraces, frozen (30%)	Yes	stream terraces	2B3	Yes	No	No
Boreal-riparian forested loamy flood plains, moderately wet (20%)	No	channels on flood plains	---	---	---	---
Boreal-taiga/tussock silty terraces, frozen (15%)	Yes	turf hummocks on stream terraces	2B3	Yes	No	No
Nonvegetated alluvium (5%)	Unranked	flood plains	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
3FP3:						
Boreal-taiga/tussock mica rich silty terraces, frozen (40%)	Yes	turf hummocks on stream terraces	2B3	Yes	No	No
Boreal-riparian forested mica-rich loamy flood plains, frozen (28%)	No	flood plains	---	---	---	---
Boreal-taiga mica rich loamy channels, frozen (15%)	Yes	channels on stream terraces	2B3	Yes	No	No
Boreal-taiga mica rich loamy terraces, frozen (15%)	Yes	stream terraces	2B3	Yes	No	No
Boreal-riparian wet meadow organic depressions (2%)	Yes	cutoffs on flood plains	1,3	Yes	No	Yes
3FU:						
Boreal-taiga silty loess slopes, frozen (50%)	Yes	plains	2B3	Yes	No	No
Boreal-taiga/tussock silty loess slopes, frozen (35%)	Yes	turf hummocks on plains	2B3	Yes	No	No
Boreal-bog organic depressions (5%)	Yes	bogs on peat plateaus	1,3	Yes	No	Yes
Boreal-taiga peat slopes, frozen (5%)	Yes	plains	1	Yes	No	No
Boreal-taiga silty loess hills, frozen (5%)	No	hills	---	---	---	---
3FU2:						
Boreal-taiga peat plateaus, frozen (40%)	No	peat plateaus on plains	---	---	---	---
Boreal-taiga/tussock silty loess slopes, frozen (40%)	Yes	turf hummocks on plains	2B3	Yes	No	No
Boreal-taiga silty loess slopes, frozen (15%)	Yes	plains	2B3	Yes	No	No
Boreal-bog organic depressions (5%)	Yes	bogs on peat plateaus	1,3	Yes	No	Yes
3FU3:						
Boreal-taiga loamy eolian slopes, frozen (30%)	Yes	plains	2B3	Yes	No	No
Boreal-taiga/tussock loamy eolian slopes, frozen (30%)	Yes	turf hummocks on plains	2B3	Yes	No	No
Boreal-forested sandy hills (20%)	No	hills	---	---	---	---
Boreal-taiga peat plateaus, frozen (10%)	No	peat plateaus on plains	---	---	---	---
Boreal-loamy wet meadows (5%)	Yes	depressions on outwash plains	2B3	Yes	No	No
Boreal-bog organic depressions (5%)	Yes	bogs on plains, bogs on hills	1,3	Yes	No	Yes

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
3FU4:						
Boreal-taiga silty loess slopes, frozen (70%)	Yes	hills, plains	2B3	Yes	No	No
Boreal-taiga silty loess hills, frozen (15%)	No	hills	---	---	---	---
Boreal-riparian tall scrub silty frozen drains, Kuskokwim Plain (5%)	Yes	drainageways on plains, drainageways on hills	2B3,3,4	Yes	Yes	Yes
Boreal-riparian scrub silty drains, frozen (5%)	Yes	drainageways on plains, drainageways on hills	2B3,3,4	Yes	Yes	Yes
Boreal-bog organic depressions (5%)	Yes	bogs on plains	1,3	Yes	No	Yes
3Y:						
Boreal-taiga silty loess slopes, frozen (35%)	Yes	hills, plains	2B3	Yes	No	No
Boreal-taiga/tussock silty loess slopes, frozen (30%)	Yes	turf hummocks on plains	2B3	Yes	No	No
Boreal-taiga silty loess hills, frozen (25%)	No	hills	---	---	---	---
Boreal-bog organic depressions (5%)	Yes	bogs on hills, bogs on plains	1,3	Yes	No	Yes
Water (5%)	Unranked	NO DATA	---	---	---	---
4BS:						
Boreal-taiga mica rich silt loess slopes (45%)	No	mountains	---	---	---	---
Boreal-taiga silty schist slopes, frozen (45%)	Yes	mountain slopes	2B3	Yes	No	No
Alpine-scrub-sedge gravelly schist hummocks, frozen (10%)	Yes	hummocks on mountain slopes	2B3	Yes	No	No
4BSS:						
Boreal-forested mica rich silty loess slopes (90%)	No	mountains	---	---	---	---
Boreal-taiga mica rich silt loess slopes (3%)	No	mountains	---	---	---	---
Boreal-taiga mica rich silty frozen colluvial slopes, Kuskokwim Mountains (3%)	Yes	mountain slopes	2B3	Yes	No	No
Boreal-riparian scrub mica rich silty drains, frozen (2%)	Yes	drainageways on mountain slopes	2B3,3,4	Yes	Yes	Yes
Boreal-taiga silty schist slopes, frozen (2%)	Yes	mountain slopes	2B3	Yes	No	No
4FS:						
Boreal-taiga mica rich silty colluvial slopes, frozen (85%)	Yes	mountain slopes	2B3	Yes	No	No
Boreal-riparian scrub mica rich silty drains, frozen (10%)	Yes	drainageways on mountain slopes	2B3,3,4	Yes	Yes	Yes
Boreal-taiga mica rich silt loess slopes (5%)	No	mountains	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
4S1:						
Alpine-scrub gravelly schist circles, Kuskokwim Mountains (55%)	No	nonsorted circles on mountains	---	---	---	---
Alpine-tussock-scrub mica rich silty slopes, Kuskokwim Mountains (25%)	Yes	turf hummocks on mountains	2B3	Yes	No	No
Alpine-scrub-sedge gravelly schist hummocks, frozen (20%)	Yes	hummocks on mountain slopes	2B3	Yes	No	No
4TS:						
Boreal-tussock-scrub mica rich silty loess slopes, frozen (50%)	Yes	turf hummocks on mountains	2B3	Yes	No	No
Boreal-taiga mica rich silty frozen colluvial slopes, Kuskokwim Mountains (45%)	Yes	mountains	2B3	Yes	No	No
Boreal-riparian scrub mica rich silty drains, frozen (5%)	Yes	drainageways on mountain slopes	2B3,3,4	Yes	Yes	Yes
5MS21:						
Boreal-forested silty schist slopes, wet (30%)	Yes	mountains	2B3	Yes	No	No
Subalpine-scrub gravelly schist colluvial slopes (25%)	No	mountains	---	---	---	---
Boreal-taiga gravelly schist slopes, frozen (25%)	Yes	mountain slopes	2B3	Yes	No	No
Boreal-forested gravelly schist colluvial slopes (20%)	No	mountains	---	---	---	---
5P1:						
Alpine-scrub gravelly schist circles, frozen (35%)	No	nonsorted circles on mountains	---	---	---	---
Alpine-dwarf scrub gravelly schist steps and lobes (30%)	No	solifluction lobes on mountains	---	---	---	---
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen (20%)	Yes	solifluction lobes on mountains, stripes on mountains	2B3	Yes	No	No
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (10%)	Unranked	NO DATA	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly schist swales (5%)	No	swales on mountains	---	---	---	---
5SA1:						
Alpine-dwarf scrub gravelly schist colluvial slopes (30%)	No	ridges on mountains	---	---	---	---
Alpine-dwarf scrub gravelly schist steps and lobes (30%)	No	solifluction lobes on ridges on mountains	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (15%)	Unranked	NO DATA	---	---	---	---
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen (15%)	Yes	stripes on mountains, solifluction lobes on mountains	2B3	Yes	No	No
Subalpine-scrub-meadow mosaic gravelly schist swales (10%)	No	swales on mountains	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
5SA2:						
Alpine-scrub gravelly schist circles, frozen (50%)	No	nonsorted circles on mountains	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly schist swales (25%)	No	swales on mountains	---	---	---	---
Alpine-scrub-sedge-gravelly schist hummocks, frozen (15%)	Yes	hummocks on mountains	2B3	Yes	No	No
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (5%)	Unranked	NO DATA	---	---	---	---
Alpine-riparian scrub loamy schist flood plains (5%)	No	flood plains	---	---	---	---
5SA11:						
Alpine-scrub mosaic gravelly colluvial schist slopes (30%)	No	ridges on mountains	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly schist swales (20%)	No	swales on mountains	---	---	---	---
Alpine-scrub gravelly schist colluvial slopes, thick surface (20%)	No	mountains	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (15%)	Unranked	NO DATA	---	---	---	---
Subalpine-scrub gravelly schist colluvial slopes (15%)	No	mountains	---	---	---	---
5TS1:						
Alpine-scrub gravelly schist circles, frozen (45%)	No	nonsorted circles on mountains	---	---	---	---
Alpine-scrub gravelly schist colluvial slopes, thick surface (25%)	No	mountains	---	---	---	---
Alpine-scrub-sedge-gravelly schist hummocks, frozen (20%)	Yes	hummocks on mountains	2B3	Yes	No	No
Alpine-riparian scrub gravelly schist flood plains (5%)	No	flood plains on alluvial fans on mountains	---	---	---	---
Alpine-scrub gravelly schist terraces (5%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
5V1:						
Alpine-scrub gravelly schist terraces (40%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Alpine-scrub gravelly schist colluvial toeslopes, frozen (25%)	Yes	fans on mountains	2B3	Yes	No	No
Alpine-riparian scrub gravelly schist flood plains (20%)	No	flood plains on alluvial fans on mountains	---	---	---	---
Alpine-riparian scrub loamy schist flood plains (10%)	No	flood plains	---	---	---	---
Nonvegetated alluvium (5%)	Unranked	flood plains	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
5V2:						
Boreal-forested gravelly schist terraces (65%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Boreal-riparian forested gravelly schist flood plains (25%)	No	flood plains on alluvial fans on mountains	---	---	---	---
Nonvegetated alluvium (5%)	Unranked	flood plains	---	---	---	---
Boreal-riparian scrub loamy flood plains (5%)	No	flood plains	---	---	---	---
7AF:						
Alpine-scrub silty fan terraces (70%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Alpine-scrub gravelly terraces (28%)	No	fan terraces on alluvial fans	---	---	---	---
Nonvegetated alluvium (2%)	Unranked	flood plains	---	---	---	---
7AF2:						
Alpine-scrub gravelly terraces (55%)	No	fan terraces on alluvial fans	---	---	---	---
Subalpine-riparian scrub gravelly fan terraces (40%)	No	flood plains on alluvial fans	---	---	---	---
Nonvegetated alluvium (5%)	Unranked	flood plains	---	---	---	---
7AFF:						
Boreal-woodland gravelly terraces (30%)	No	fan terraces on alluvial fans, outwash plains	---	---	---	---
Boreal-riparian forested loamy flood plains, very wet (25%)	Yes	flood plains on alluvial fans	2B3,3	Yes	No	Yes
Boreal-riparian scrub gravelly diorite flood plains, moderately wet (15%)	Yes	flood plains on alluvial fans on mountains	4	No	Yes	No
Nonvegetated alluvium (5%)	Unranked	flood plains	---	---	---	---
7CE:						
Alpine-scrub gravelly moraines, calcareous (60%)	No	moraines	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (28%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub gravelly diorite fans, cool (10%)	No	depressions on moraines	---	---	---	---
Water (2%)	Unranked	NO DATA	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
7CEF:						
Alpine-dwarf scrub gravelly diorite moraines (65%)	No	moraines	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (20%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub-meadow mosaic gravelly diorite till depressions (10%)	No	depressions on moraines	---	---	---	---
Water (5%)	Unranked	NO DATA	---	---	---	---
7ES:						
Boreal-forested gravelly colluvial slopes, dissected (60%)	No	escarpments on terraces	---	---	---	---
Alpine-scrub gravelly till slopes (25%)	No	hills, escarpments	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (15%)	Unranked	NO DATA	---	---	---	---
7FGA:						
Alpine-tussock-scrub silty loess slopes, frozen (50%)	Yes	turf hummocks on alluvial flats on basin floors	2B3	Yes	No	No
Alpine-scrub-sedge gravelly slopes, frozen (40%)	Yes	mountains	2B3	Yes	No	No
Subalpine-riparian scrub loamy drains (10%)	No	drainageways on mountains	---	---	---	---
7FP1:						
Boreal-riparian forested loamy high flood plains (35%)	No	flood plains	---	---	---	---
Boreal-riparian scrub gravelly flood plains, moderately wet (25%)	Yes	channels on flood plains	4	No	Yes	No
Boreal-riparian scrub loamy flood plains (20%)	No	flood plains	---	---	---	---
Boreal-riparian scrub gravelly flood plains, wet (10%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
Nonvegetated alluvium (5%)	Unranked	flood plains	---	---	---	---
Boreal-riparian scrub loamy wet flood plains (5%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
7FP2:						
Alpine-riparian scrub gravelly flood plains, moderately wet (25%)	Yes	channels on flood plains	4	No	Yes	No
Alpine-riparian scrub gravelly flood plains (25%)	No	flood plains	---	---	---	---
Nonvegetated alluvium (20%)	Unranked	flood plains	---	---	---	---
Alpine-riparian scrub loamy flood plains, wet (10%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
Alpine-riparian scrub loamy flood plains (10%)	No	flood plains	---	---	---	---
Alpine-scrub gravelly terraces (10%)	No	stream terraces	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
7FP11:						
Boreal-riparian forested loamy flood plains, very wet (35%)	Yes	flood plains on alluvial fans	2B3,3	Yes	No	Yes
Boreal-riparian forested gravelly high flood plains (30%)	No	flood plains	---	---	---	---
Boreal-riparian scrub gravelly diorite flood plains, moderately wet (20%)	Yes	channels on flood plains	4	No	Yes	No
Boreal-riparian scrub loamy wet flood plains (10%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
Nonvegetated alluvium (5%)	Unranked	flood plains	---	---	---	---
7FP21:						
Alpine-scrub mosaic gravelly diorite terraces (40%)	No	stream terraces	---	---	---	---
Alpine-riparian scrub gravelly diorite flood plains, moderately wet (25%)	Yes	channels on flood plains	4	No	Yes	No
Alpine-scrub loamy terraces (20%)	No	stream terraces	---	---	---	---
Alpine-riparian scrub loamy wet diorite low flood plains, cool (10%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
Nonvegetated alluvium (5%)	Unranked	flood plains	---	---	---	---
7MFA:						
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen (35%)	Yes	mountains, saddles on mountains	2B3	Yes	No	No
Alpine-scrub-meadow mosaic gravelly schist swales (30%)	No	swales on mountains	---	---	---	---
Alpine-dwarf scrub gravelly schist steps and lobes (20%)	No	solifluction lobes on mountains	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (15%)	Unranked	NO DATA	---	---	---	---
7MS1D:						
Alpine-dwarf scrub dark gravelly colluvial slopes (30%)	No	mountains	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (25%)	Unranked	NO DATA	---	---	---	---
Alpine-scrub gravelly colluvial slopes (25%)	No	mountains	---	---	---	---
Subalpine-scrub-meadow mosaic dark gravelly swales (10%)	No	swales on mountains	---	---	---	---
Alpine-dwarf scrub dark gravelly colluvial slopes, cold (7%)	No	mountains	---	---	---	---
Alpine-sedge-dwarf scrub gravelly swales, frozen (3%)	Yes	saddles on mountains	2B3	Yes	No	No

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
7MS1L:						
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (30%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes (25%)	No	mountains	---	---	---	---
Alpine-scrub gravelly colluvial slopes (25%)	No	mountains	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, cold (15%)	No	mountains	---	---	---	---
Subalpine-scrub gravelly colluvial slopes (3%)	No	mountains	---	---	---	---
Alpine-sedge-dwarf scrub gravelly swales, frozen (2%)	Yes	saddles on mountains	2B3	Yes	No	No
7MS2:						
Boreal-forested gravelly till slopes, moderately wet (55%)	No	mountains	---	---	---	---
Boreal-forested gravelly warm till slopes (30%)	No	mountains	---	---	---	---
Alpine-scrub gravelly till slopes, frozen (105%)	No	mountains	---	---	---	---
Alpine-scrub gravelly till slopes (5%)	No	mountains	---	---	---	---
7MS3:						
Alpine-scrub-sedge gravelly till slopes, frozen (55%)	Yes	mountains	2B3	Yes	No	No
Alpine-scrub gravelly till circles, frozen (25%)	No	nonsorted circles on mountains	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly till swales (15%)	No	swales on mountains	---	---	---	---
Alpine-dwarf scrub gravelly till slopes (5%)	No	mountains	---	---	---	---
7MS4:						
Boreal-taiga loamy drift slopes, frozen (85%)	Yes	mountains	2B3	Yes	No	No
Boreal-forested gravelly till slopes, moderately wet (5%)	No	mountains	---	---	---	---
Alpine-scrub gravelly till slopes (5%)	No	mountains	---	---	---	---
Alpine-scrub gravelly till slopes, frozen (5%)	No	mountains	---	---	---	---
7MS31:						
Alpine-dwarf scrub gravelly till slopes (40%)	No	mountains	---	---	---	---
Alpine-scrub-sedge gravelly till slopes, frozen (25%)	Yes	mountains	2B3	Yes	No	No
Alpine-scrub-meadow mosaic gravelly till swales (20%)	No	swales on hills	---	---	---	---
Alpine-scrub gravelly till circles, frozen (10%)	No	nonsorted circles on mountains	---	---	---	---
Alpine-dwarf scrub gravelly till slopes, moist (5%)	No	mountains	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
7MSA:						
Alpine-dwarf scrub gravelly diorite colluvial slopes (40%)	No	mountains	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (30%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub gravelly diorite colluvial slopes, cold (20%)	No	mountains	---	---	---	---
Alpine-dwarf scrub-meadow mosaic gravelly diorite till depressions (10%)	No	swales on moraines	---	---	---	---
7MSC:						
Alpine-dwarf scrub gravelly fan terraces (30%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Alpine-dwarf scrub-meadow mosaic gravelly fan swales (30%)	No	flood plains on alluvial fans on mountains	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes (20%)	No	mountains	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (5%)	Unranked	NO DATA	---	---	---	---
Alpine-scrub gravelly colluvial slopes (5%)	No	mountains	---	---	---	---
Alpine-dwarf scrub gravelly fan terraces, cold (5%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
7MSHD:						
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (35%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub dark gravelly colluvial slopes (30%)	No	mountains	---	---	---	---
Alpine-dwarf scrub dark gravelly colluvial slopes, cold (20%)	No	mountains	---	---	---	---
Alpine-scrub-meadow mosaic gravelly swales (12%)	No	swales on mountains	---	---	---	---
Alpine-sedge-dwarf scrub gravelly swales, frozen (3%)	Yes	saddles on mountains	2B3	Yes	No	No
7MSHL:						
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (30%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes (30%)	No	mountains	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, cold (30%)	No	mountains	---	---	---	---
Alpine-scrub-meadow mosaic gravelly swales (5%)	No	swales on mountains	---	---	---	---
Alpine-sedge-dwarf scrub gravelly swales, frozen (5%)	Yes	saddles on mountains	2B3	Yes	No	No

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
7MSHS:						
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (35%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub gravelly schist colluvial slopes (30%)	No	ridges on mountains	---	---	---	---
Alpine-dwarf scrub gravelly schist steps and lobes (20%)	No	solifluction lobes on mountains	---	---	---	---
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen (10%)	Yes	saddles on mountains	2B3	Yes	No	No
Alpine-dwarf scrub gravelly schist colluvial slopes, cold (5%)	No	ridges on mountains	---	---	---	---
7NG:						
Alpine-scrub mosaic gravelly slopes (50%)	No	hills	---	---	---	---
Alpine-scrub-sedge gravelly slopes, frozen (30%)	Yes	mountains	2B3	Yes	No	No
Alpine-scrub gravelly circles, frozen (15%)	No	nonsorted circles on plains, nonsorted circles on hills	---	---	---	---
Alpine-scrub-meadow mosaic gravelly till swales (3%)	No	swales on hills	---	---	---	---
Alpine-scrub gravelly slopes (2%)	No	hills	---	---	---	---
7NG2:						
Alpine-scrub gravelly slopes (65%)	No	hills	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly swales, Nenana Gravels (15%)	No	swales on hills	---	---	---	---
Alpine-scrub-meadow mosaic gravelly till swales (15%)	No	swales on hills	---	---	---	---
Alpine-dwarf scrub gravelly till slopes (5%)	No	hills	---	---	---	---
7P1:						
Alpine-scrub gravelly outwash slopes (55%)	No	hills, pitted outwash plains	---	---	---	---
Alpine-scrub-sedge loamy terraces, frozen (30%)	Yes	fan terraces on outwash plains on mountains	2B3	Yes	No	No
Subalpine-scrub-meadow mosaic gravelly till swales (15%)	No	depressions on outwash plains, swales on hills	---	---	---	---
7P2:						
Boreal-forested gravelly outwash slopes (75%)	No	pitted outwash plains, hills	---	---	---	---
Boreal-meadow loamy outwash slope depressions (15%)	No	kettles on hills, kettles on outwash plains	---	---	---	---
Alpine-wet meadow gravelly pond margins (5%)	Yes	kettles	2B3	Yes	No	No
Water (5%)	Unranked	NO DATA	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
7P4:						
Boreal-forested gravelly till slopes (35%)	No	till plains, hills	---	---	---	---
Boreal-taiga loamy drift slopes, frozen (30%)	Yes	outwash plains	2B3	Yes	No	No
Boreal-forested gravelly outwash slopes (20%)	No	hills, pitted outwash plains	---	---	---	---
Boreal-taiga/tussock silty frozen loess slopes, Alaska Mountains (10%)	Yes	turf hummocks on plateaus	2B3	Yes	No	No
Water (3%)	Unranked	NO DATA	---	---	---	---
Alpine-wet meadow gravelly pond margins (2%)	Yes	kettles	2B3	Yes	No	No
7P6:						
Boreal-taiga high elevation loamy terraces, frozen (70%)	Yes	outwash plains, fan terraces on alluvial fans	2B3	Yes	No	No
Boreal-woodland gravelly terraces (20%)	No	outwash plains	---	---	---	---
Boreal-riparian tall scrub silty frozen drains (10%)	Yes	drainageways on outwash plains	2B3,3,4	Yes	Yes	Yes
7SA1:						
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (30%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub dark gravelly colluvial slopes (25%)	No	mountains	---	---	---	---
Alpine-scrub gravelly colluvial slopes (20%)	No	mountains	---	---	---	---
Subalpine-scrub gravelly colluvial slopes, dry (15%)	No	mountains	---	---	---	---
Subalpine-scrub-meadow mosaic dark gravelly swales (10%)	No	swales on mountains	---	---	---	---
7SA3:						
Subalpine-scrub-meadow mosaic gravelly till swales (45%)	No	swales on mountains	---	---	---	---
Alpine-scrub gravelly till slopes, frozen (35%)	No	benches on mountains	---	---	---	---
Alpine-scrub gravelly till slopes (20%)	No	mountains	---	---	---	---
7SA31:						
Subalpine-scrub gravelly colluvial slopes (45%)	No	mountains	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly till swales (20%)	No	swales on mountains	---	---	---	---
Alpine-scrub gravelly till slopes (20%)	No	mountains	---	---	---	---
Alpine-scrub mosaic gravelly till slopes (10%)	No	mountains, ridges	---	---	---	---
Alpine-sedge-dwarf scrub gravelly swales, frozen (3%)	Yes	saddles on mountains	2B3	Yes	No	No
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (2%)	Unranked	NO DATA	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
7ST:						
Alpine-scrub gravelly terraces (70%)	No	stream terraces	---	---	---	---
Alpine-scrub loamy terraces (25%)	No	stream terraces	---	---	---	---
Alpine-riparian scrub gravelly flood plains (5%)	No	flood plains	---	---	---	---
7STF:						
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains (60%)	Yes	turf hummocks on outwash plains, turf hummocks on stream terraces	2B3	Yes	No	No
Boreal-taiga high elevation loamy terraces, frozen (35%)	Yes	outwash plains, stream terraces	2B3	Yes	No	No
Boreal-forested gravelly till slopes (5%)	No	till plains	---	---	---	---
7TM:						
Alpine-dwarf scrub gravelly till slopes (30%)	No	mountains	---	---	---	---
Alpine-scrub gravelly till circles, frozen (25%)	No	nonsorted circles on mountains	---	---	---	---
Alpine-scrub-sedge gravelly till slopes, frozen (20%)	Yes	mountains	2B3	Yes	No	No
Alpine-scrub-meadow mosaic gravelly till swales (15%)	No	swales on till plains, swales on hills	---	---	---	---
Alpine-dwarf scrub gravelly till slopes, cold (10%)	No	mountains	---	---	---	---
7TM1:						
Alpine-dwarf scrub gravelly till steps and lobes (40%)	No	solifluction lobes on mountains	---	---	---	---
Alpine-scrub-sedge gravelly till slopes, frozen (25%)	Yes	mountains	2B3	Yes	No	No
Alpine-scrub-meadow mosaic gravelly till swales (15%)	No	swales on hills	---	---	---	---
Alpine-dwarf scrub gravelly till slopes, moist (10%)	No	mountains	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly till swales (5%)	No	swales on mountains	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (5%)	Unranked	NO DATA	---	---	---	---
7TM2:						
Alpine-scrub gravelly till slopes, frozen (40%)	No	benches on mountains	---	---	---	---
Alpine-dwarf scrub gravelly till slopes (25%)	No	mountains	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly till swales (15%)	No	swales on mountains	---	---	---	---
Alpine-scrub gravelly till slopes (15%)	No	mountains	---	---	---	---
Alpine-dwarf scrub gravelly till slopes, moist (4%)	No	mountains	---	---	---	---
Alpine-scrub-meadow mosaic gravelly till swales (1%)	No	swales on till plains, swales on hills	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
7TM21:						
Alpine-dwarf scrub gravelly diorite till slopes (35%)	No	mountains	---	---	---	---
Alpine-dwarf scrub gravelly diorite till hummocks and lobes (30%)	No	hummocks on mountains, solifluction lobes on mountains	---	---	---	---
Alpine-scrub gravelly diorite till slopes (20%)	No	mountains	---	---	---	---
Alpine-scrub-meadow mosaic gravelly diorite swales (15%)	No	swales on mountains	---	---	---	---
7TM24:						
Alpine-dwarf scrub gravelly diorite colluvial slopes (30%)	No	mountains	---	---	---	---
Alpine-dwarf scrub gravelly diorite fans (20%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Alpine-dwarf scrub gravelly diorite fans, cold (15%)	No	fan terraces on fans on mountains	---	---	---	---
Alpine-scrub gravelly diorite till slopes, frozen (15%)	No	mountains	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (10%)	Unranked	NO DATA	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly till swales (5%)	No	swales on mountains	---	---	---	---
Alpine-scrub-meadow mosaic gravelly diorite swales (5%)	No	swales on mountains	---	---	---	---
7TMS:						
Alpine-dwarf scrub gravelly till slopes (40%)	No	mountains	---	---	---	---
Alpine-dwarf scrub gravelly till steps and lobes (35%)	No	solifluction lobes on mountains, solifluction lobes on cirque floors	---	---	---	---
Alpine-dwarf scrub gravelly till slopes, cold (15%)	No	mountains	---	---	---	---
Alpine-dwarf scrub gravelly diorite fans, cool (10%)	No	depressions on cirque floors, depressions on mountains	---	---	---	---
7TP:						
Alpine-scrub-sedge gravelly till slopes, frozen (55%)	Yes	till plains, hills	2B3	Yes	No	No
Alpine-scrub-meadow mosaic gravelly till swales (15%)	No	swales on till plains, swales on hills	---	---	---	---
Alpine-scrub gravelly till circles, frozen (15%)	No	nonsorted circles on till plains, nonsorted circles on hills	---	---	---	---
Alpine-sedge wet meadow organic depressions, frozen (10%)	Yes	fens on till plains	1	Yes	No	No
Water (3%)	Unranked	NO DATA	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
7TP:						
Alpine-wet meadow gravelly pond margins (2%)	Yes	kettles	2B3	Yes	No	No
7TP2:						
Alpine-scrub gravelly till slopes (30%)	No	hills	---	---	---	---
Alpine-scrub mosaic gravelly till slopes (25%)	No	hills, ridges	---	---	---	---
Alpine-scrub-sedge gravelly till slopes, frozen (25%)	Yes	hills, till plains	2B3	Yes	No	No
Subalpine-scrub-meadow mosaic gravelly till swales (15%)	No	swales on hills, swales on till plains	---	---	---	---
Water (3%)	Unranked	NO DATA	---	---	---	---
Alpine-wet meadow gravelly pond margins (2%)	Yes	kettles	2B3	Yes	No	No
7TP3:						
Alpine-scrub gravelly till slopes (30%)	No	hills	---	---	---	---
Boreal-forested gravelly till slopes, moderately wet (25%)	No	mountains	---	---	---	---
Boreal-taiga gravelly till slopes, frozen (25%)	Yes	till plains, hills	2B3	Yes	No	No
Alpine-scrub-sedge gravelly till slopes, frozen (15%)	Yes	hills, till plains	2B3	Yes	No	No
Water (3%)	Unranked	NO DATA	---	---	---	---
Alpine-wet meadow gravelly pond margins (2%)	Yes	kettles	2B3	Yes	No	No
7TP4:						
Alpine-scrub-sedge gravelly till slopes, frozen (45%)	Yes	till plains	2B3	Yes	No	No
Boreal-taiga gravelly till slopes, frozen (40%)	Yes	till plains, hills	2B3	Yes	No	No
Boreal-sedge/sphagnum bog organic depressions (5%)	Yes	bogs on hills, bogs on till plains	1,3	Yes	No	Yes
Boreal-riparian tall scrub silty frozen drains (5%)	Yes	drainageways on till plains, drainageways on hills	2B3,3,4	Yes	Yes	Yes
Water (5%)	Unranked	NO DATA	---	---	---	---
7TP5:						
Boreal-taiga gravelly till slopes, frozen (70%)	Yes	hills, till plains	2B3	Yes	No	No
Alpine-scrub gravelly till slopes (20%)	No	hills	---	---	---	---
Boreal-riparian tall scrub silty frozen drains (5%)	Yes	drainageways on hills, drainageways on till plains	2B3,3,4	Yes	Yes	Yes
Boreal-sedge/sphagnum bog organic depressions (3%)	Yes	bogs on till plains, bogs on hills	1,3	Yes	No	Yes
Water (2%)	Unranked	NO DATA	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
7TP8:						
Alpine-scrub gravelly diorite till slopes (40%)	No	till plains, hills	---	---	---	---
Alpine-dwarf scrub gravelly diorite till slopes (38%)	No	hills	---	---	---	---
Alpine-scrub-meadow mosaic gravelly diorite swales (15%)	No	swales on hills, swales on till plains	---	---	---	---
Water (3%)	Unranked	NO DATA	---	---	---	---
Boreal-sedge/sphagnum bog organic depressions (2%)	Yes	bogs on hills, bogs on till plains	1,3	Yes	No	Yes
Alpine-wet meadow gravelly pond margins (2%)	Yes	kettles	2B3	Yes	No	No
7V1:						
Alpine-scrub gravelly terraces (40%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Alpine-scrub-sedge loamy terraces, frozen (25%)	Yes	fan terraces on alluvial fans on mountains	2B3	Yes	No	No
Alpine-scrub-sedge gravelly till slopes, frozen (15%)	Yes	mountains	2B3	Yes	No	No
Alpine-riparian scrub gravelly flood plains (10%)	No	flood plains	---	---	---	---
Alpine-scrub silty fan terraces (5%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Nonvegetated alluvium (5%)	Unranked	flood plains	---	---	---	---
7V1A:						
Alpine-dwarf scrub gravelly diorite fans (55%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Alpine-scrub mosaic gravelly diorite terraces (20%)	No	stream terraces	---	---	---	---
Alpine-dwarf scrub gravelly diorite fans, cold (15%)	No	fan terraces on fans on mountains	---	---	---	---
Nonvegetated alluvium (5%)	Unranked	flood plains	---	---	---	---
Alpine-scrub loamy diorite terraces, frozen (5%)	Yes	fan terraces on alluvial fans on mountains	2B3	Yes	No	No

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
7V1B:						
Alpine-scrub mosaic gravelly diorite terraces (40%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Alpine-scrub loamy diorite terraces, frozen (33%)	Yes	fan terraces on alluvial fans on mountains	2B3	Yes	No	No
Subalpine-riparian scrub gravelly diorite flood plains (20%)	No	flood plains on alluvial fans on mountains	---	---	---	---
Alpine-riparian scrub gravelly diorite flood plains, moderately wet (5%)	Yes	channels on flood plains	4	No	Yes	No
Nonvegetated alluvium (2%)	Unranked	flood plains	---	---	---	---
7V2:						
Boreal-forested loamy fan terraces (50%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Boreal-woodland gravelly terraces (20%)	No	outwash plains, fan terraces on alluvial fans	---	---	---	---
Alpine-scrub gravelly terraces (15%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Boreal-riparian forested gravelly fans (10%)	No	flood plains on alluvial fans on mountains	---	---	---	---
Boreal-riparian scrub gravelly flood plains, moderately wet (5%)	Yes	channels on flood plains	4	No	Yes	No
7V5:						
Alpine-dwarf scrub gravelly fan terraces (50%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Alpine-scrub-sedge loamy terraces, frozen (20%)	Yes	fan terraces on alluvial fans on mountains	2B3	Yes	No	No
Alpine-riparian scrub gravelly flood plains, cool (15%)	No	flood plains on alluvial fans on mountains	---	---	---	---
Alpine-scrub gravelly terraces (10%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Nonvegetated alluvium (5%)	Unranked	flood plains	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
7V11:						
Alpine-riparian scrub gravelly flood plains (30%)	No	flood plains	---	---	---	---
Nonvegetated alluvium (20%)	Unranked	flood plains	---	---	---	---
Alpine-scrub gravelly terraces (20%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Alpine-riparian scrub gravelly flood plains, moderately wet (15%)	Yes	channels on flood plains	4	No	Yes	No
Alpine-riparian scrub loamy flood plains (10%)	No	flood plains	---	---	---	---
Alpine-dwarf scrub gravelly fan terraces (5%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
8FP1:						
Alpine-riparian scrub gravelly schist flood plains, moderately wet (40%)	Yes	channels on flood plains	4	No	Yes	No
Alpine-riparian scrub gravelly schist flood plains (35%)	No	flood plains	---	---	---	---
Alpine-riparian scrub loamy schist flood plains, wet (20%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
Nonvegetated alluvium (5%)	Unranked	flood plains	---	---	---	---
8FP2:						
Boreal-riparian scrub gravelly schist flood plains, moderately wet (35%)	Yes	channels on flood plains	4	No	Yes	No
Boreal-riparian forested gravelly schist flood plains (30%)	No	flood plains	---	---	---	---
Alpine-scrub gravelly schist terraces (20%)	No	stream terraces	---	---	---	---
Boreal-riparian scrub loamy schist flood plains, wet (10%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
Nonvegetated alluvium (5%)	Unranked	flood plains	---	---	---	---
8LM:						
Alpine-scrub-sedge silty hummocks, frozen (40%)	Yes	hummocks on mountains	2B3	Yes	No	No
Alpine-tussock-scrub mica rich silty slopes, frozen (30%)	Yes	turf hummocks on mountains	2B3	Yes	No	No
Alpine-scrub gravelly schist circles, frozen (15%)	No	nonsorted circles on mountains	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly schist swales (10%)	No	swales on mountains	---	---	---	---
Boreal-taiga gravelly schist slopes, frozen (5%)	Yes	mountain slopes	2B3	Yes	No	No

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
8LM1:						
Alpine-scrub-sedge-gravelly schist hummocks, frozen (40%)	Yes	hummocks on mountains	2B3	Yes	No	No
Alpine-scrub gravelly schist circles, frozen (20%)	No	nonsorted circles on mountains	---	---	---	---
Alpine-tussock-scrub gravelly schist slopes, frozen (20%)	Yes	turf hummocks on mountains	2B3	Yes	No	No
Subalpine-scrub-meadow mosaic gravelly schist swales (10%)	No	swales on mountains	---	---	---	---
Alpine-dwarf scrub gravelly schist colluvial slopes (10%)	No	ridges on mountains	---	---	---	---
8LMF:						
Boreal-taiga high elevation silty mica rich loess hills, frozen (70%)	No	mountains	---	---	---	---
Boreal-taiga/tussock mica rich silty loess slopes, frozen (25%)	Yes	turf hummocks on mountains	2B3	Yes	No	No
Boreal-riparian tall scrub silty frozen drains (5%)	Yes	drainageways on mountains	2B3,3,4	Yes	Yes	Yes
8LMV:						
Alpine-dwarf scrub gravelly schist colluvial slopes (30%)	No	ridges on mountains	---	---	---	---
Alpine-scrub gravelly schist colluvial slopes, thick surface (30%)	No	mountains	---	---	---	---
Subalpine-scrub gravelly schist colluvial slopes (20%)	No	mountains	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly schist swales (15%)	No	swales on mountains	---	---	---	---
Alpine-scrub gravelly schist colluvial toeslopes, frozen (5%)	Yes	mountains	2B3	Yes	No	No
8MBS:						
Alpine-scrub gravelly schist colluvial slopes (30%)	No	mountains	---	---	---	---
Alpine-scrub mosaic gravelly colluvial schist slopes (20%)	No	ridges on mountains	---	---	---	---
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen (20%)	Yes	saddles on mountains, mountains	2B3	Yes	No	No
Subalpine-scrub-meadow mosaic gravelly schist swales (15%)	No	swales on mountains	---	---	---	---
Alpine-scrub-meadow mosaic gravelly schist swales (13%)	No	swales on mountains	---	---	---	---
Alpine-riparian scrub gravelly schist flood plains, moderately wet (2%)	Yes	channels on flood plains	4	No	Yes	No

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
8MFS:						
Alpine-scrub gravelly schist colluvial toeslopes, frozen (45%)	Yes	mountains	2B3	Yes	No	No
Alpine-scrub gravelly schist colluvial slopes (30%)	No	mountains	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly schist swales (25%)	No	swales on mountains	---	---	---	---
8MFS1:						
Boreal-taiga gravelly schist slopes, frozen (60%)	Yes	mountain slopes	2B3	Yes	No	No
Alpine-scrub gravelly schist colluvial toeslopes, frozen (15%)	Yes	mountains	2B3	Yes	No	No
Alpine-tussock-scrub gravelly schist slopes, frozen (15%)	Yes	turf hummocks on mountains	2B3	Yes	No	No
Boreal-riparian scrub loamy schist flood plains, wet (5%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
Alpine-scrub gravelly schist colluvial slopes, thick surface (5%)	No	mountains	---	---	---	---
8MS:						
Alpine-dwarf scrub gravelly schist colluvial slopes (45%)	No	ridges on mountains	---	---	---	---
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (20%)	Unranked	NO DATA	---	---	---	---
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen (15%)	Yes	stripes on mountains, solifluction lobes on mountains	2B3	Yes	No	No
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen (10%)	Yes	saddles on mountains	2B3	Yes	No	No
Alpine-scrub gravelly schist circles, frozen (5%)	No	nonsorted circles on mountains	---	---	---	---
Alpine-scrub gravelly schist colluvial slopes, thick surface (5%)	No	mountains	---	---	---	---
8MVF:						
Boreal-forested silty schist slopes, wet (40%)	Yes	valleys on mountains	2B3	Yes	No	No
Subalpine-scrub-meadow mosaic gravelly schist swales (20%)	No	swales on mountains	---	---	---	---
Boreal-forested gravelly schist colluvial slopes (20%)	No	valleys on mountains	---	---	---	---
Subalpine-scrub gravelly schist colluvial slopes (10%)	No	mountains	---	---	---	---
Alpine-scrub gravelly schist colluvial slopes (10%)	No	mountains	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
8ST1:						
Alpine-tussock-scrub gravelly schist slopes, frozen (35%)	Yes	turf hummocks on fans on mountains	2B3	Yes	No	No
Alpine-scrub gravelly schist colluvial toeslopes, frozen (30%)	Yes	fans on mountains	2B3	Yes	No	No
Alpine-scrub gravelly schist terraces (20%)	No	stream terraces	---	---	---	---
Boreal-taiga/tussock mica rich silty loess slopes, frozen (15%)	Yes	turf hummocks on mountains	2B3	Yes	No	No
9AF:						
Subalpine-scrub gravelly fan terraces (85%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Nonvegetated alluvium (5%)	Unranked	flood plains on alluvial fans on mountains	---	---	---	---
Alpine-scrub gravelly wet till swales (5%)	Yes	depressions on alluvial fans on mountains	2B3	Yes	No	No
Boreal-riparian forested gravelly high flood plains, Cook Inlet (5%)	No	channels on flood plains	---	---	---	---
9AF2:						
Boreal-riparian forested gravelly high flood plains, Cook Inlet (55%)	No	flood plains on alluvial fans on mountains	---	---	---	---
Boreal-forested gravelly fan terraces (35%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Nonvegetated alluvium (5%)	Unranked	flood plains on alluvial fans on mountains	---	---	---	---
Boreal-riparian forested hardwood gravelly flood plains (5%)	No	flood plains on alluvial fans	---	---	---	---
9CE:						
Subalpine-scrub gravelly moraines (45%)	No	moraines	---	---	---	---
South Central nonvegetated rock outcrop, ice, talus, and/or drift (30%)	Unranked	NO DATA	---	---	---	---
Boreal-woodland gravelly moraines (20%)	No	moraines	---	---	---	---
Nonvegetated alluvium (5%)	Unranked	flood plains on alluvial fans on mountains	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
9MSA:						
Alpine-dwarf scrub gravelly diorite colluvial slopes, warm (30%)	No	mountains	---	---	---	---
South Central nonvegetated rock outcrop, ice, talus, and/or drift (30%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub gravelly diorite colluvial slopes, cool (25%)	No	mountains	---	---	---	---
Alpine-dwarf scrub-meadow mosaic gravelly diorite swales (10%)	No	mountains	---	---	---	---
Alpine-dwarf scrub silty hummocks (5%)	No	earth hummocks on mountains	---	---	---	---
South Central nonvegetated rock outcrop, ice, talus, and/or drift (30%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, warm (25%)	No	mountains	---	---	---	---
9MSH:						
Alpine-dwarf scrub gravelly colluvial slopes, cool (15%)	No	mountains	---	---	---	---
Alpine-scrub-meadow mosaic gravelly colluvial slopes (15%)	No	mountains	---	---	---	---
Alpine-dwarf scrub-meadow mosaic gravelly colluvial slopes (10%)	No	swales on mountains	---	---	---	---
Alpine-dwarf scrub silty hummocks (5%)	No	earth hummocks on mountains	---	---	---	---
9MSH1:						
Alpine-dwarf scrub silty hummocks (25%)	No	earth hummocks on mountains	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, warm (20%)	No	hummocks on mountains	---	---	---	---
Alpine-scrub-meadow mosaic gravelly colluvial slopes (20%)	No	mountains	---	---	---	---
South Central nonvegetated rock outcrop, ice, talus, and/or drift (20%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, cool (10%)	No	mountains	---	---	---	---
Alpine-scrub gravelly colluvial slopes, warm (5%)	No	mountains	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
9SA4:						
Alpine-scrub-meadow mosaic gravelly colluvial slopes (60%)	No	mountains	---	---	---	---
South Central nonvegetated rock outcrop, ice, talus, and/or drift (20%)	Unranked	NO DATA	---	---	---	---
Alpine-scrub gravelly colluvial slopes, warm (10%)	No	mountains	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, cool (5%)	No	mountains	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, warm (5%)	No	hummocks on mountains	---	---	---	---
9SA5:						
Subalpine-scrub-meadow mosaic gravelly colluvial slopes (60%)	No	mountains	---	---	---	---
Alpine-scrub gravelly colluvial slopes, warm (15%)	No	mountains	---	---	---	---
South Central nonvegetated rock outcrop, ice, talus, and/or drift (15%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub silty till hummocks (10%)	No	earth hummocks on mountains	---	---	---	---
9SA6:						
Subalpine-scrub-meadow mosaic silty till slopes (80%)	No	mountains	---	---	---	---
Alpine-scrub-meadow mosaic silty till slopes(10%)	No	mountains	---	---	---	---
Alpine-scrub gravelly till slopes, warm (5%)	No	mountains	---	---	---	---
Alpine-dwarf scrub silty till hummocks (3%)	No	earth hummocks on mountains	---	---	---	---
Alpine-sedge wet meadow organic depressions (2%)	Yes	fens on benches on mountains	1	Yes	No	No
9SA44:						
Alpine-scrub-meadow mosaic silty till slopes(45%)	No	mountains	---	---	---	---
Alpine-scrub gravelly till slopes, warm (20%)	No	mountains	---	---	---	---
Alpine-dwarf scrub gravelly till hummocks (15%)	No	mountains	---	---	---	---
Alpine-scrub gravelly wet till swales (10%)	Yes	depressions on mountains	2B3	Yes	No	No
Alpine-dwarf scrub silty till hummocks (5%)	No	hummocks on mountains	---	---	---	---
South Central nonvegetated rock outcrop, ice, talus, and/or drift (5%)	Unranked	NO DATA	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
9SA61:						
Subalpine-scrub-meadow mosaic silty till slopes (65%)	No	benches on mountains	---	---	---	---
Alpine-sedge wet meadow organic depressions (15%)	Yes	fens on benches on mountains	1	Yes	No	No
Alpine-scrub gravelly wet till swales (15%)	Yes	depressions on benches on mountains	2B3	Yes	No	No
Alpine-scrub-meadow mosaic silty till slopes (5%)	No	mountains	---	---	---	---
9SA62:						
Subalpine-scrub-meadow mosaic silty till slopes (75%)	No	mountains	---	---	---	---
Alpine-scrub gravelly wet till swales (15%)	Yes	depressions on mountains, drainageways on mountains	2B3	Yes	No	No
Alpine-scrub gravelly till slopes, warm (5%)	No	mountains	---	---	---	---
Alpine-sedge wet meadow organic depressions (5%)	Yes	fens on benches on mountains	1	Yes	No	No
9SA66:						
Subalpine-scrub-meadow mosaic gravelly colluvial slopes (35%)	No	mountains	---	---	---	---
Subalpine-scrub-meadow mosaic silty till slopes (25%)	No	mountains	---	---	---	---
Alpine-scrub gravelly colluvial slopes, warm (15%)	No	mountains	---	---	---	---
Alpine-dwarf scrub silty till hummocks (10%)	No	earth hummocks on mountains	---	---	---	---
South Central nonvegetated rock outcrop, ice, talus, and/or drift (10%)	Unranked	NO DATA	---	---	---	---
Alpine-scrub gravelly wet till swales (5%)	Yes	depressions on mountains, drainageways on mountains	2B3	Yes	No	No
9TM:						
Alpine-scrub-meadow mosaic silty till slopes (40%)	No	mountains	---	---	---	---
Subalpine-scrub-meadow mosaic silty till slopes (25%)	No	mountains	---	---	---	---
Alpine-scrub gravelly till slopes, warm (15%)	No	mountains	---	---	---	---
Alpine-scrub-meadow mosaic gravelly colluvial slopes (10%)	No	mountains	---	---	---	---
South Central nonvegetated rock outcrop, ice, talus, and/or drift (5%)	Unranked	NO DATA	---	---	---	---
Alpine-scrub gravelly wet till swales (5%)	Yes	depressions on mountains	2B3	Yes	No	No

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
9TM3:						
Alpine-dwarf scrub silty till hummocks (30%)	No	earth hummocks on mountains	---	---	---	---
Alpine-dwarf scrub gravelly till hummocks (25%)	No	mountains	---	---	---	---
Alpine-scrub mosaic gravelly till drains (15%)	Yes	drainageways on mountains	2B3	Yes	No	No
South Central nonvegetated rock outcrop, ice, talus, and/or drift (15%)	Unranked	NO DATA	---	---	---	---
Alpine-scrub-meadow mosaic silty till slopes (10%)	No	mountains	---	---	---	---
Alpine-dwarf scrub-meadow mosaic gravelly colluvial slopes (5%)	No	swales on mountains	---	---	---	---
9TM4:						
Alpine-dwarf scrub silty till hummocks (35%)	No	earth hummocks on mountains	---	---	---	---
Alpine-dwarf scrub gravelly diorite till slopes, warm (25%)	No	mountains	---	---	---	---
Alpine-scrub-meadow mosaic gravelly diorite colluvial slopes (20%)	No	mountains	---	---	---	---
South Central nonvegetated rock outcrop, ice, talus, and/or drift (10%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub gravelly diorite till slopes, cool (10%)	No	mountains	---	---	---	---
9TMF:						
Boreal-forested silty till slopes, ash influenced, warm (55%)	No	mountains	---	---	---	---
Subalpine-scrub-meadow mosaic silty till slopes (30%)	No	mountains	---	---	---	---
Boreal-forested silty wet till slopes, ash influenced (10%)	Yes	depressions on mountains	2B3	Yes	No	No
Boreal-sedge bog organic depressions (5%)	Yes	bogs on mountains	1,3	Yes	No	Yes
9TP:						
Alpine-scrub-meadow mosaic silty till slopes (35%)	No	hills, till plains	---	---	---	---
Alpine-dwarf scrub silty till hummocks (20%)	No	earth hummocks on hills, earth hummocks on till plains	---	---	---	---
Alpine-scrub gravelly wet till swales (20%)	Yes	depressions on hills, depressions on till plains	2B3	Yes	No	No
Alpine-sedge wet meadow organic depressions (15%)	Yes	fens on till plains	1	Yes	No	No
Alpine-scrub gravelly till hummocks (10%)	No	earth hummocks on till plains	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
9V12:						
Alpine-dwarf scrub gravelly fan terraces, warm (35%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Nonvegetated alluvium (25%)	Unranked	flood plains	---	---	---	---
Alpine-dwarf scrub gravelly fan terraces (25%)	No	fan terraces on alluvial fans on mountains	---	---	---	---
Alpine-riparian scrub gravelly flood plains, warm (10%)	No	channels on flood plains	---	---	---	---
Alpine-riparian scrub loamy flood plains, warm (5%)	No	flood plains	---	---	---	---
10ES:						
Boreal-forested gravelly colluvial slopes, dissected (30%)	No	escarpments on plateaus	---	---	---	---
Alpine-scrub-sedge gravelly slopes, frozen (25%)	Yes	escarpments on plateaus, escarpments on mountains	2B3	Yes	No	No
Subalpine-forested hardwood gravelly colluvial slopes (20%)	No	escarpments on plateaus	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly swales, Nenana Gravels (15%)	No	swales on escarpments, swales on mountains	---	---	---	---
Alpine-scrub gravelly slopes (10%)	No	mountains	---	---	---	---
10ES1:						
Boreal-forested gravelly colluvial slopes, dissected (55%)	No	escarpments on plateaus	---	---	---	---
Boreal-taiga high elevation silty loess slopes, frozen (20%)	Yes	escarpments on plateaus	2B3	Yes	No	No
Alpine-scrub-sedge gravelly slopes, frozen (20%)	Yes	escarpments on plateaus, mountains	2B3	Yes	No	No
Subalpine-riparian scrub loamy drains (5%)	No	drainageways on mountains, drainageways on plateaus	---	---	---	---
10LM:						
Alpine-scrub-sedge gravelly slopes, frozen (50%)	Yes	mountains	2B3	Yes	No	No
Alpine-scrub mosaic gravelly slopes (25%)	No	mountains	---	---	---	---
Subalpine-riparian scrub loamy drains (10%)	No	drainageways on mountains	---	---	---	---
Subalpine-scrub-meadow mosaic gravelly swales, Nenana Gravels (10%)	No	swales on mountains	---	---	---	---
Alpine-scrub gravelly slopes (5%)	No	mountains	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
10P1:						
Alpine-scrub gravelly circles, frozen (50%)	No	nonsorted circles on hills, nonsorted circles on till plains	---	---	---	---
Alpine-scrub-sedge gravelly slopes, frozen (45%)	Yes	mountains	2B3	Yes	No	No
Subalpine-scrub-meadow mosaic gravelly swales, Nenana Gravels (5%)	No	swales on mountains	---	---	---	---
10P3:						
Boreal-taiga high elevation silty loess slopes, frozen (40%)	Yes	mountains, plateaus	2B3	Yes	No	No
Boreal-taiga/tussock silty frozen loess slopes, Alaska Mountains (30%)	Yes	turf hummocks on plateaus	2B3	Yes	No	No
Boreal-taiga high elevation silty loess hills, frozen (20%)	No	mountains	---	---	---	---
Boreal-forested gravelly colluvial slopes, dissected (10%)	No	escarpments on terraces	---	---	---	---
10P4:						
Alpine-scrub gravelly circles, frozen (35%)	No	nonsorted circles on plateaus, nonsorted circles on hills	---	---	---	---
Alpine-scrub mosaic gravelly slopes (35%)	No	hills on plateaus	---	---	---	---
Alpine-scrub-sedge gravelly slopes, frozen (30%)	Yes	mountains	2B3	Yes	No	No
10SU:						
Alpine-tussock-scrub silty loess slopes, frozen (75%)	Yes	turf hummocks on plateaus, turf hummocks on mountains	2B3	Yes	No	No
Alpine-scrub-sedge gravelly slopes, frozen (20%)	Yes	plateaus, mountains	2B3	Yes	No	No
Boreal-taiga gravelly slopes, frozen (5%)	Yes	mountains	2B3	Yes	No	No
10TS:						
Boreal-taiga high elevation silty loess slopes, frozen (55%)	Yes	plateaus	2B3	Yes	No	No
Boreal-taiga/tussock silty frozen loess slopes, Alaska Mountains (35%)	Yes	turf hummocks on plateaus	2B3	Yes	No	No
Alpine-scrub organic mounds, frozen (10%)	No	mounds on basin floors	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
10TS1:						
Boreal-taiga gravelly slopes, frozen (55%)	Yes	mountains	2B3	Yes	No	No
Boreal-taiga/tussock silty frozen loess slopes, Alaska Mountains (25%)	Yes	turf hummocks on plateaus	2B3	Yes	No	No
Subalpine-riparian scrub loamy drains (10%)	No	drainageways on mountains	---	---	---	---
Boreal-taiga loamy drift slopes, frozen (10%)	Yes	mountains	2B3	Yes	No	No
10V2:						
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains (70%)	Yes	turf hummocks on stream terraces	2B3	Yes	No	No
Boreal-taiga high elevation loamy terraces, frozen (25%)	Yes	stream terraces	2B3	Yes	No	No
Boreal-riparian scrub gravelly flood plains (5%)	No	flood plains	---	---	---	---
11FP:						
Boreal-riparian forested loamy high flood plains (30%)	No	flood plains	---	---	---	---
Boreal-riparian scrub gravelly flood plains, moderately wet (20%)	Yes	channels on flood plains	4	No	Yes	No
Boreal-riparian scrub gravelly flood plains (20%)	No	flood plains	---	---	---	---
Boreal-riparian scrub loamy wet flood plains (15%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
Nonvegetated alluvium (10%)	Unranked	flood plains	---	---	---	---
Boreal-riparian scrub gravelly flood plains, wet (5%)	Yes	channels on flood plains	2B1,3	Yes	No	Yes
11P:						
Alpine-tussock-scrub silty loess slopes, frozen (85%)	Yes	turf hummocks on alluvial flats on basin floors	2B3	Yes	No	No
Subalpine-riparian scrub loamy drains (5%)	No	drainageways on plains on basin floors	---	---	---	---
Alpine-scrub organic mounds, frozen (5%)	No	mounds on basin floors	---	---	---	---
Alpine-sedge bog organic depressions, frozen (5%)	Yes	drainageways on plains on basins	1	Yes	No	No
						11P1:
Alpine-tussock-scrub silty loess slopes, frozen (60%)	Yes	turf hummocks on alluvial flats on basin floors	2B3	Yes	No	No
Alpine-scrub organic mounds, frozen (25%)	No	mounds on basin floors	---	---	---	---
Alpine-sedge bog organic depressions, frozen (15%)	Yes	drainageways on plains on basins	1	Yes	No	No

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
11ST:						
Boreal-riparian forested loamy high flood plains (40%)	No	flood plains	---	---	---	---
Boreal-taiga high elevation loamy terraces, frozen (35%)	Yes	stream terraces	2B3	Yes	No	No
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains (25%)	Yes	turf hummocks on stream terraces	2B3	Yes	No	No
12B:						
Boreal-sedge bog organic depressions (55%)	Yes	bogs on till plains	1,3	Yes	No	Yes
Boreal-woodland bog organic depressions (40%)	Yes	bogs on till plains	1	Yes	No	No
Boreal-forested silty wet till slopes, ash influenced (5%)	Yes	swales on hills, swales on till plains	2B3	Yes	No	No
12HS2:						
Boreal-forested silty till slopes, ash influenced, warm (55%)	No	hills, till plains	---	---	---	---
Boreal-forested silty wet till slopes, ash influenced (30%)	Yes	depressions on hills, depressions on till plains	2B3	Yes	No	No
Boreal-sedge bog organic depressions (15%)	Yes	bogs on till plains, bogs on hills	1,3	Yes	No	Yes
13F21:						
Subalpine-riparian scrub gravelly diorite flood plains, moderately wet (50%)	Yes	channels on flood plains	4	No	Yes	No
Alpine-riparian scrub loamy diorite low flood plains, wet (25%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
Subalpine-riparian wet meadow organic depressions (15%)	Yes	cutoffs on flood plains, meander scrolls on flood plains	1,3	Yes	No	Yes
Nonvegetated alluvium (10%)	Unranked	flood plains	---	---	---	---
13F22:						
Alpine-riparian scrub gravelly diorite flood plains (35%)	No	channels on flood plains	---	---	---	---
Nonvegetated alluvium (25%)	Unranked	flood plains	---	---	---	---
Alpine-riparian scrub loamy diorite low flood plains, wet (25%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
Subalpine-riparian scrub loamy diorite flood plains (15%)	No	flood plains	---	---	---	---
13FP:						
Boreal-riparian forested gravelly high flood plains, Cook Inlet (40%)	No	flood plains	---	---	---	---
Boreal-riparian scrub gravelly flood plains, moderately wet and warm (25%)	Yes	channels on flood plains	4	No	Yes	No
Nonvegetated alluvium (15%)	Unranked	flood plains	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
13FP:						
Boreal-riparian scrub loamy wet flood plains, Cook Inlet (15%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
Subalpine-riparian wet meadow organic depressions (5%)	Yes	meander scrolls on flood plains, cutoffs on flood plains	1,3	Yes	No	Yes
13FP2:						
Boreal-riparian forested hardwood gravelly flood plains (40%)	No	channels on flood plains	---	---	---	---
Nonvegetated alluvium (20%)	Unranked	flood plains	---	---	---	---
Boreal-riparian scrub gravelly flood plains, moderately wet and warm (15%)	Yes	channels on flood plains	4	No	Yes	No
Boreal-riparian forested gravelly high flood plains, Cook Inlet (15%)	No	flood plains	---	---	---	---
Subalpine-riparian wet meadow organic depressions (5%)	Yes	cutoffs on flood plains, meander scrolls on flood plains	1,3	Yes	No	Yes
Alpine-riparian scrub loamy wet flood plains, warm (5%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
13FPW:						
Boreal-riparian scrub loamy wet flood plains, Cook Inlet (45%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
Boreal-riparian forested loamy wet flood plains, Cook Inlet (25%)	No	channels on flood plains	---	---	---	---
Subalpine-riparian wet meadow organic depressions (20%)	Yes	meander scrolls on flood plains, cutoffs on flood plains	1,3	Yes	No	Yes
Nonvegetated alluvium (10%)	Unranked	flood plains	---	---	---	---
13FWW:						
Boreal-riparian scrub organic flood plains, wet (45%)	Yes	cutoffs on flood plains, meander scrolls on flood plains	1,3	Yes	No	Yes
Boreal-riparian wet meadow organic flood plains, Cook Inlet (35%)	Yes	cutoffs on flood plains, meander scrolls on flood plains	1,3	Yes	No	Yes
Boreal-riparian forested loamy wet flood plains, Cook Inlet (20%)	No	channels on flood plains	---	---	---	---
G:						
Nonvegetated alluvium (90%)	Unranked	flood plains	---	---	---	---
Boreal-riparian scrub gravelly diorite flood plains, moderately wet (3%)	Yes	channels on flood plains	4	No	Yes	No
Boreal-riparian forested gravelly high flood plains (3%)	No	flood plains	---	---	---	---

Table 15. Hydric Soils List--Continued

Map symbol and common component name (percent composition)	Hydric soil	Local landform	Hydric soils criteria			
			Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
G:						
Alpine-riparian scrub gravelly flood plains, moderately wet (2%)	Yes	channels on flood plains	4	No	Yes	No
Boreal-riparian scrub loamy wet flood plains (2%)	Yes	channels on flood plains	2B3,3	Yes	No	Yes
G1:						
Nonvegetated alluvium (90%)	Unranked	NO DATA	---	---	---	---
Boreal-riparian forested loamy flood plains, moderately wet (5%)	No	channels on flood plains	---	---	---	---
Boreal-riparian forested gravelly flood plains (5%)	No	flood plains	---	---	---	---
G2:						
Nonvegetated alluvium (90%)	Unranked	flood plains	---	---	---	---
Boreal-riparian scrub gravelly flood plains, moderately wet and warm (5%)	Yes	channels on flood plains	4	No	Yes	No
Boreal-riparian forested hardwood gravelly flood plains (5%)	No	channels on flood plains	---	---	---	---
GA:						
Nonvegetated alluvium (95%)	Unranked	flood plains	---	---	---	---
Alpine-riparian scrub gravelly flood plains (3%)	No	flood plains	---	---	---	---
Alpine-riparian scrub gravelly flood plains, moderately wet (2%)	Yes	channels on flood plains	4	No	Yes	No
NV1:						
Interior-nonvegetated rock outcrop, ice, talus, and/or drift (90%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes (5%)	No	mountains	---	---	---	---
Alpine-dwarf scrub gravelly schist colluvial slopes (3%)	No	ridges on mountains	---	---	---	---
Alpine-dwarf scrub dark gravelly colluvial slopes (2%)	No	mountains	---	---	---	---
NV2:						
South Central nonvegetated rock outcrop, ice, talus, and/or drift (90%)	Unranked	NO DATA	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, cool (5%)	No	mountains	---	---	---	---
Alpine-dwarf scrub gravelly colluvial slopes, warm (5%)	No	mountains	---	---	---	---
W:						
Water (100%)	Unranked	NO DATA	---	---	---	---

Table 16. Water Features

(See text for definitions of terms used in this table. Ponding depth is the estimated depth of water on the surface. Soil moisture status and temperature depth is the upper and lower depth below the soil surface. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
1FP:										
Boreal-riparian forested loamy wet flood plains, frozen	D	Apr	Very rare	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	Rare	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	Rare	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	Rare	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	Rare	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-riparian forested loamy flood plains, moderately wet	C	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-120	Moist	1
								120-150	Wet	2
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Wet	2
		Jun	Occasional	Brief	None	---	---	0- 70	Moist	7
								70-150	Wet	6
		Jul	Occasional	Brief	None	---	---	0- 70	Moist	8
								70-150	Wet	6
		Aug	Occasional	Brief	None	---	---	0- 70	Moist	6
								70-150	Wet	6
		Sep	Occasional	Brief	None	---	---	0- 70	Moist	5
								70-150	Wet	6
Boreal-riparian forested loamy flood plains, Kuskokwim Plains	B	Apr	Very rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Rare	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Rare	---	None	---	---	0-150	Moist	3
		Jul	Rare	---	None	---	---	0-150	Moist	5
		Aug	Rare	---	None	---	---	0-150	Moist	6
		Sep	Rare	---	None	---	---	0-150	Moist	5
1FP2:										
Boreal-taiga deep loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
1FP2:										
Boreal-riparian forested loamy flood plains	B	Apr	Very rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Rare	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Rare	---	None	---	---	0-150	Moist	3
		Jul	Rare	---	None	---	---	0-150	Moist	5
		Aug	Rare	---	None	---	---	0-150	Moist	6
		Sep	Rare	---	None	---	---	0-150	Moist	5
1FP4:										
Boreal-riparian forested loamy wet flood plains, frozen	D	Apr	Very rare	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	Rare	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	Rare	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	Rare	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	Rare	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-riparian forested loamy flood plains, frozen	B	Apr	Rare	---	None	---	---	0- 25	Moist	-1
								25-150	Moist	-4
		May	Occasional	Brief	None	---	---	0- 10	Moist	1
								10- 60	Moist	-1
								60-150	Moist	-2
		Jun	Occasional	Brief	None	---	---	0- 25	Moist	3
								25- 60	Moist	-1
								60-150	Moist	-2
		Jul-Aug	Occasional	Brief	None	---	---	0- 25	Moist	4
								25- 60	Moist	1
								60-150	Moist	-2
		Sep	Occasional	Brief	None	---	---	0- 25	Moist	2
								25- 60	Moist	1
								60-150	Moist	-2
Boreal-riparian wet meadow organic depressions	D	Apr	Rare	---	None	---	---	0- 60	Wet	-1
								60-150	Wet	1
		May	Occasional	Long	Frequent	Very long	5-20	0- 30	Wet	1
								30- 60	Wet	-1
								60-150	Wet	1
		Jun	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	1
		Jul	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	10
		Aug	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	11
		Sep	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	7
1FW1:										
Boreal-taiga deep loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2

Table 16 Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
1FW1:										
Boreal-taiga/tussock silty terraces, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga loamy channels, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
1ST:										
Boreal-taiga silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-riparian forested loamy flood plains, frozen	B	Apr	Rare	---	None	---	---	0- 25	Moist	-1
								25-150	Moist	-4
		May	Occasional	Brief	None	---	---	0- 10	Moist	1
								10- 60	Moist	-1
								60-150	Moist	-2
		Jun	Occasional	Brief	None	---	---	0- 25	Moist	3
								25- 60	Moist	-1
								60-150	Moist	-2
		Jul-Aug	Occasional	Brief	None	---	---	0- 25	Moist	4
								25- 60	Moist	1
								60-150	Moist	-2
		Sep	Occasional	Brief	None	---	---	0- 25	Moist	2
								25- 60	Moist	1
								60-150	Moist	-2

Table 16. Water Features--Continued

Map symbol and soil name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
1ST:										
Boreal-riparian wet meadow organic depressions	D	Apr	Rare	---	None	---	---	0- 60	Wet	-1
								60-150	Wet	1
		May	Occasional	Long	Frequent	Very long	5-20	0- 30	Wet	1
								30- 60	Wet	-1
								60-150	Wet	1
		Jun	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	1
		Jul	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	10
		Aug	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	11
		Sep	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	7
1ST1:										
Boreal-taiga deep loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga/tussock silty terraces, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Boreal-riparian wet meadow organic depressions	D	Apr	Rare	---	None	---	---	0- 60	Wet	-1
								60-150	Wet	1
		May	Occasional	Long	Frequent	Very long	5-20	0- 30	Wet	1
								30- 60	Wet	-1
								60-150	Wet	1
		Jun	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	1
		Jul	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	10
		Aug	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	11
		Sep	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	7
1STW:										
Boreal-taiga/tussock silty terraces, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
1STW:										
Boreal-taiga loamy channels, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga deep loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
1STW2:										
Boreal-taiga gravelly alluvial plains, wet	D	Apr	None	---	None	---	---	0- 10	Moist	-1
								10- 25	Moist	-4
								25-100	Wet	-4
								100-150	Wet	1
		May	None	---	None	---	---	0- 10	Wet	1
								25- 50	Wet	-1
								50-150	Wet	1
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	2
		Jul	None	---	None	---	---	0- 25	Moist	4
								25-150	Wet	4
		Aug	None	---	None	---	---	0- 25	Moist	5
								25-150	Wet	5
		Sep	None	---	None	---	---	0- 10	Moist	2
								10- 25	Moist	3
								25-150	Wet	3
Boreal-riparian scrub silty drains, frozen	D	Apr	Rare	---	None	---	---	0- 25	Moist	-1
								25- 150	Wet	-3
		May	Frequent	Long	Frequent	Long	---	0- 10	Wet	1
								10- 150	Wet	-2
		Jun	Frequent	Long	Frequent	Long	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul	Frequent	Brief	Frequent	Brief	---	0- 10	Moist	4
								10-50	Wet	1
								50-150	Wet	-2
		Aug	Frequent	Brief	Frequent	Brief	---	0- 10	Moist	4
								10-50	Wet	1
								50-150	Wet	-2
		Sep	Frequent	Brief	Frequent	Brief	---	0- 10	Moist	2
								10-50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
1STW2:										
Boreal-riparian fen organic depressions	D	Apr	Rare	---	None	---	---	0- 60	Wet	-1
								60-150	Wet	1
		May	Occasional	Long	Frequent	Very long	5-20	0- 30	Wet	1
								30- 60	Wet	-1
								60-150	Wet	1
		Jun	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	1
		Jul	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	10
		Aug	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	11
		Sep	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	7
2FG:										
Boreal-taiga/tussock silty terraces, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
2FG:										
Boreal-taiga peat plateaus, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 25	Moist	1
								25-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Moist	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 50	Moist	4
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 50	Moist	2
								50-150	Wet	-2
2FP2:										
Boreal-riparian forested loamy schist flood plains	B	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0-150	Moist	6
		Sep	Occasional	Brief	None	---	---	0-150	Moist	5
Boreal-riparian scrub loamy schist flood plains	B	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0-150	Moist	6
		Sep	Occasional	Brief	None	---	---	0-150	Moist	5

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
2FP2:										
Boreal-riparian forested gravelly flood plains	A	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0-150	Moist	6
		Sep	Occasional	Brief	None	---	---	0-150	Moist	5
2FP3:										
Boreal-riparian forested loamy flood plains, Kuskokwim Plains	B	Apr	Very rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Rare	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Rare	---	None	---	---	0-150	Moist	3
		Jul	Rare	---	None	---	---	0-150	Moist	5
		Aug	Rare	---	None	---	---	0-150	Moist	6
		Sep	Rare	---	None	---	---	0-150	Moist	5
Boreal-riparian forested loamy flood plains, moderately wet	C	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-120	Moist	1
								120-150	Wet	2
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Wet	2
		Jun	Occasional	Brief	None	---	---	0- 70	Moist	7
								70-150	Wet	6
		Jul	Occasional	Brief	None	---	---	0- 70	Moist	8
								70-150	Wet	6
		Aug	Occasional	Brief	None	---	---	0- 70	Moist	6
								70-150	Wet	6
		Sep	Occasional	Brief	None	---	---	0- 70	Moist	5
								70-150	Wet	6
Boreal-riparian forested gravelly flood plains	A	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0-150	Moist	6
		Sep	Occasional	Brief	None	---	---	0-150	Moist	5
2FW2:										
Boreal-taiga deep loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
2FW2:										
Boreal-taiga loamy channels, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
2P:										
Boreal-taiga silty outwash plains, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
2ST:										
Boreal-forested gravelly terraces	A	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Boreal-taiga loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
2ST2:										
Boreal-riparian forested gravelly high flood plains, Kuskokwim Plains	A	Apr	Very rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Rare	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Rare	---	None	---	---	0-150	Moist	3
		Jul	Rare	---	None	---	---	0-150	Moist	5
		Aug	Rare	---	None	---	---	0-150	Moist	6
		Sep	Rare	---	None	---	---	0-150	Moist	5

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
2ST2:										
Boreal-riparian forested gravelly flood plains	A	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0-150	Moist	6
		Sep	Occasional	Brief	None	---	---	0-150	Moist	5
3BG:										
Boreal-loamy wet meadows	D	Apr	None	---	None	---	---	0- 60	Wet	-1
								60-150	Wet	1
		May	None	---	Occasional	Long	0-20	0- 30	Wet	1
								30- 60	Wet	-1
								60-150	Wet	1
		Jun	None	---	Occasional	Long	0-10	0-150	Wet	1
		Jul	None	---	Occasional	Long	0-10	0-150	Wet	10
		Aug	None	---	Occasional	Long	0-10	0-150	Wet	11
		Sep	None	---	Occasional	Long	0-10	0-150	Wet	7
Boreal-bog organic depressions	D	Apr	None	---	None	---	---	0- 60	Wet	-1
								60-150	Wet	1
		May	None	---	Frequent	Very long	5-20	0- 30	Wet	1
								30- 60	Wet	-1
								60-150	Wet	1
		Jun	None	---	Frequent	Very long	0-10	0-150	Wet	1
		Jul	None	---	Frequent	Very long	0-10	0-150	Wet	10
		Aug	None	---	Frequent	Very long	0-10	0-150	Wet	11
		Sep	None	---	Frequent	Very long	0-10	0-150	Wet	7
3C:										
Boreal-taiga/tussock silty colluvial slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga silty colluvial slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
3DH:										
Boreal-taiga/tussock silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga/tussock silty colluvial slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
3FG:										
Boreal-taiga/tussock silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
3FG:										
Boreal-taiga silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
3FG3:										
Boreal-taiga silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga/tussock silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga peat plateaus, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 25	Moist	1
								25-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Moist	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 50	Moist	4
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 50	Moist	2
								50-150	Wet	-2
3FP1:										
Boreal-riparian forested loamy flood plains, Kuskokwim Plains	B	Apr	Very rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Rare	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Rare	---	None	---	---	0-150	Moist	3
		Jul	Rare	---	None	---	---	0-150	Moist	5
		Aug	Rare	---	None	---	---	0-150	Moist	6
		Sep	Rare	---	None	---	---	0-150	Moist	5

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
3FP1:										
Boreal-taiga loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-riparian forested loamy flood plains, moderately wet	C	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-120	Moist	1
								120-150	Wet	2
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Wet	2
		Jun	Occasional	Brief	None	---	---	0- 70	Moist	7
								70-150	Wet	6
		Jul	Occasional	Brief	None	---	---	0- 70	Moist	8
								70-150	Wet	6
		Aug	Occasional	Brief	None	---	---	0- 70	Moist	6
								70-150	Wet	6
		Sep	Occasional	Brief	None	---	---	0- 70	Moist	5
								70-150	Wet	6
3FP3:										
Boreal-taiga/tussock mica rich silty terraces, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Boreal-riparian forested mica-rich loamy flood plains, frozen	B	Apr	Rare	---	None	---	---	0- 25	Moist	-1
								25-150	Moist	-4
		May	Occasional	Brief	None	---	---	0- 10	Moist	1
								10- 60	Moist	-1
								60-150	Moist	-2
		Jun	Occasional	Brief	None	---	---	0- 25	Moist	3
								25- 60	Moist	-1
								60-150	Moist	-2
		Jul-Aug	Occasional	Brief	None	---	---	0- 25	Moist	4
								25- 60	Moist	1
								60-150	Moist	-2
		Sep	Occasional	Brief	None	---	---	0- 25	Moist	2
								25- 60	Moist	1
								60-150	Moist	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
3FP3:										
Boreal-taiga mica rich loamy channels, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
3FU:										
Boreal-taiga silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga/tussock silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
3FU2:										
Boreal-taiga peat plateaus, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 25	Moist	1
								25-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Moist	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 50	Moist	4
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 50	Moist	2
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
3FU2:										
Boreal-taiga/tussock silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
3FU3:										
Boreal-taiga loamy eolian slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga/tussock loamy eolian slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Boreal-forested sandy hills	A	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
3FU4:										
Boreal-taiga silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga silty loess hills, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Moist	-4
		May	None	---	None	---	---	0- 25	Moist	1
								25-150	Moist	-2
		Jun	None	---	None	---	---	0- 25	Moist	3
								25-150	Moist	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Moist	1
								50-150	Moist	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Moist	1
								50-150	Moist	-2
3Y:										
Boreal-taiga silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga/tussock silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
3Y:										
Boreal-taiga silty loess hills, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Moist	-4
		May	None	---	None	---	---	0- 25	Moist	1
								25-150	Moist	-2
		Jun	None	---	None	---	---	0- 25	Moist	3
								25-150	Moist	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Moist	1
								50-150	Moist	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Moist	1
								50-150	Moist	-2
4BS:										
Boreal-taiga mica rich silt loess slopes	B	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Boreal-taiga silty schist slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
4BSS:										
Boreal-forested mica rich silty loess slopes	B	Apr	None	---	None	---	---	0- 60	Moist	-3
								60- 75	Moist	-3
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	1
		Jun	None	---	None	---	---	0-150	Moist	2
		Jul	None	---	None	---	---	0-150	Moist	6
		Aug-Sep	None	---	None	---	---	0-150	Moist	8
4FS:										
Boreal-taiga mica rich silty colluvial slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
4S1:										
Alpine-scrub gravelly schist circles, Kuskokwim Mountains	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Wet	-2
		May	None	---	None	---	---	0- 10	Moist	1
								10-100	Moist	-1
								100-150	Wet	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-100	Moist	-1
								100-150	Wet	-2
		Jul	None	---	None	---	---	0- 80	Moist	5
								80-100	Wet	2
								120-150	Wet	-2
		Aug	None	---	None	---	---	0-100	Moist	5
								100-120	Wet	1
								120-150	Wet	-1
		Sep	None	---	None	---	---	0-100	Moist	4
								100-120	Wet	1
								120-150	Wet	-1
Alpine-tussock-scrub mica rich silty slopes, Kuskokwim Mountains	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub-sedge gravelly schist hummocks, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
4TS:										
Boreal-tussock-scrub mica rich silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
4TS:										
Boreal-taiga mica rich silty frozen colluvial slopes, Kuskokwim Mountains	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
5MS21:										
Boreal-forested silty schist slopes, wet	D	Apr	None	---	None	---	---	0- 75	Moist	-1
								75-100	Wet	-1
								100-150	Wet	1
		May	None	---	None	---	---	0- 10	Wet	2
								10- 25	Wet	-1
								25- 75	Moist	-1
								75-100	Wet	-1
								100-150	Wet	2
		Jun	None	---	None	---	---	0- 25	Wet	4
								25- 75	Wet	-1
								75-100	Wet	2
		Jul	None	---	None	---	---	0- 25	Moist	8
								25- 50	Wet	8
								50- 75	Wet	5
								75-150	Wet	3
		Aug	None	---	None	---	---	0- 25	Moist	6
								25-150	Wet	6
		Sep	None	---	None	---	---	0- 25	Moist	1
								25-150	Wet	1
Subalpine-scrub gravelly schist colluvial slopes	B	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Boreal-taiga gravelly schist slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
5P1:										
Alpine-scrub gravelly schist circles, frozen	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Wet	-2
		May	None	---	None	---	---	0- 10	Moist	1
								10-100	Moist	-1
								100-150	Wet	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-100	Moist	-1
								100-150	Wet	-2
		Jul	None	---	None	---	---	0- 80	Moist	5
								80-100	Wet	2
								120-150	Wet	-2
		Aug	None	---	None	---	---	0-100	Moist	5
								100-120	Wet	1
								120-150	Wet	-1
		Sep	None	---	None	---	---	0-100	Moist	4
								100-120	Wet	1
								120-150	Wet	-1
Alpine-dwarf scrub gravelly schist steps and lobes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	4
								50-130	Wet	1
								130-150	Wet	-2
		Sep	None	---	None	---	---	0- 40	Moist	2
								40-130	Wet	1
								130-150	Wet	-2
5SA1:										
Alpine-dwarf scrub gravelly schist colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-dwarf scrub gravelly schist steps and lobes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Interior-nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
5SA2:										
Alpine-scrub gravelly schist circles, frozen	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Wet	-2
		May	None	---	None	---	---	0- 10	Moist	1
								10-100	Moist	-1
								100-150	Wet	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-100	Moist	-1
								100-150	Wet	-2
		Jul	None	---	None	---	---	0- 80	Moist	5
								80-100	Wet	2
								120-150	Wet	-2
		Aug	None	---	None	---	---	0-100	Moist	5
								100-120	Wet	1
								120-150	Wet	-1
		Sep	None	---	None	---	---	0-100	Moist	4
								100-120	Wet	1
								120-150	Wet	-1
Subalpine-scrub-meadow mosaic gravelly schist swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 10	Moist	4
								10- 25	Wet	1
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Alpine-scrub-sedge-gravelly schist hummocks, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
5SA11:										
Alpine-scrub mosaic gravelly colluvial schist slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
5SA11:										
Subalpine-scrub-meadow mosaic gravelly schist swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 10	Moist	4
								10- 25	Wet	1
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Alpine-scrub gravelly schist colluvial slopes, thick surface	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
5TS1:										
Alpine-scrub gravelly schist circles, frozen	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Wet	-2
		May	None	---	None	---	---	0- 10	Moist	1
								10-100	Moist	-1
								100-150	Wet	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-100	Moist	-1
								100-150	Wet	-2
		Jul	None	---	None	---	---	0- 80	Moist	5
								80-100	Wet	2
								120-150	Wet	-2
		Aug	None	---	None	---	---	0-100	Moist	5
								100-120	Wet	1
								120-150	Wet	-1
		Sep	None	---	None	---	---	0-100	Moist	4
								100-120	Wet	1
								120-150	Wet	-1
Alpine-scrub gravelly schist colluvial slopes, thick surface	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Alpine-scrub-sedge-gravelly schist hummocks, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
5V1:										
Alpine-scrub gravelly schist terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Alpine-scrub gravelly schist colluvial toeslopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-riparian scrub gravelly schist flood plains	A	Apr	Rare	---	None	---	---	0-150	Moist	-4
		May	Occasional	Long	None	---	---	0-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	Occasional	Brief	None	---	---	0-150	Moist	3
		Aug	Occasional	Brief	None	---	---	0-150	Moist	7
		Sep	Rare	---	None	---	---	0-150	Moist	4
5V2:										
Boreal-forested gravelly schist terraces	B	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Boreal-riparian forested gravelly schist flood plains	A	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0-150	Moist	6
		Sep	Occasional	Brief	None	---	---	0-150	Moist	5

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7AF:										
Alpine-scrub silty fan terraces	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 25	Wet	4
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 30	Moist	8
								30- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Alpine-scrub gravelly terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
7AF2:										
Alpine-scrub gravelly terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Subalpine-riparian scrub gravelly fan terraces	A	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0-150	Moist	6
		Sep	Occasional	Brief	None	---	---	0-150	Moist	5
7AFF:										
Boreal-woodland gravelly terraces	A	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7AFF:										
Boreal-riparian forested loamy flood plains, very wet	D	Apr	Rare	---	None	---	---	0- 25	Moist	-1
								25- 60	Wet	-1
								120-150	Wet	2
		May	Occasional	Brief	None	---	---	0- 25	Wet	1
								25- 50	Wet	-1
								60-150	Wet	2
		Jun	Occasional	Brief	None	---	---	0-150	Wet	7
		Jul	Occasional	Brief	None	---	---	0- 10	Moist	8
								10-150	Wet	6
		Aug	Occasional	Brief	None	---	---	0- 10	Moist	6
								10-150	Wet	6
		Sep	Occasional	Brief	None	---	---	0- 10	Moist	5
								10-150	Wet	6
Boreal-taiga high elevation loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
7CE:										
Alpine-scrub gravelly moraines, calcareous	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Interior-nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--
7CEF:										
Alpine-dwarf scrub gravelly diorite moraines	A	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Interior-nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7ES:										
Boreal-forested gravelly colluvial slopes, dissected	B	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Alpine-scrub gravelly till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Interior-nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--
7FGA:										
Alpine-tussock-scrub silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub-sedge gravelly slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
7FP1:										
Boreal-riparian forested loamy high flood plains	B	Apr	Very rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Rare	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Rare	---	None	---	---	0-150	Moist	3
		Jul	Rare	---	None	---	---	0-150	Moist	5
		Aug	Rare	---	None	---	---	0-150	Moist	6
		Sep	Rare	---	None	---	---	0-150	Moist	5

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7FP1:										
Boreal-riparian scrub gravelly flood plains, moderately wet	C	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-120	Moist	1
								120-150	Wet	2
		May	Frequent	Long	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Wet	2
		Jun	Frequent	Long	None	---	---	0- 70	Moist	7
								70-150	Wet	6
		Jul	Frequent	Brief	None	---	---	0- 70	Moist	8
								70-150	Wet	6
		Aug	Frequent	Brief	None	---	---	0- 70	Moist	6
								70-150	Wet	6
		Sep	Frequent	Brief	None	---	---	0- 70	Moist	5
								70-150	Wet	6
Boreal-riparian scrub loamy flood plains	C	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0-150	Moist	6
		Sep	Occasional	Brief	None	---	---	0-150	Moist	5
7FP2:										
Alpine-riparian scrub gravelly flood plains, moderately wet	C	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-120	Moist	1
								120-150	Wet	2
		May	Frequent	Long	None	---	---	0- 60	Moist	-1
								60-120	Moist	1
								120-150	Wet	2
		Jun	Frequent	Long	None	---	---	0- 30	Moist	6
								30- 50	Moist	-1
								50-150	Wet	2
		Jul	Frequent	Brief	None	---	---	0- 70	Moist	8
								70-150	Wet	6
		Aug	Frequent	Brief	None	---	---	0- 70	Moist	6
								70-150	Wet	6
		Sep	Rare	---	None	---	---	0- 70	Moist	5
								70-150	Wet	6
Alpine-riparian scrub gravelly flood plains	A	Apr	Rare	---	None	---	---	0-150	Moist	-4
		May	Occasional	Long	None	---	---	0-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	Occasional	Brief	None	---	---	0-150	Moist	3
		Aug	Occasional	Brief	None	---	---	0-150	Moist	7
		Sep	Rare	---	None	---	---	0-150	Moist	4
Nonvegetated alluvium		Apr	Rare	---	None	---	---	---	---	--
		May-Sep	Frequent	Long	None	---	---	---	---	--

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7FP11:										
Boreal-riparian forested loamy flood plains, very wet	D	Apr	Rare	---	None	---	---	0- 25	Moist	-1
								25- 60	Wet	-1
								120-150	Wet	2
		May	Occasional	Brief	None	---	---	0- 25	Wet	1
								25- 50	Wet	-1
								60-150	Wet	2
		Jun	Occasional	Brief	None	---	---	0-150	Wet	7
		Jul	Occasional	Brief	None	---	---	0- 10	Moist	8
								10-150	Wet	6
		Aug	Occasional	Brief	None	---	---	0- 10	Moist	6
								10-150	Wet	6
		Sep	Occasional	Brief	None	---	---	0- 10	Moist	5
								10-150	Wet	6
Boreal-riparian forested gravelly high flood plains	A	Apr	Very rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Rare	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Rare	---	None	---	---	0-150	Moist	3
		Jul	Rare	---	None	---	---	0-150	Moist	5
		Aug	Rare	---	None	---	---	0-150	Moist	6
		Sep	Rare	---	None	---	---	0-150	Moist	5
Boreal-riparian scrub gravelly diorite flood plains, moderately wet	C	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-120	Moist	1
								120-150	Wet	2
		May	Frequent	Long	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Wet	2
		Jun	Frequent	Long	None	---	---	0- 70	Moist	7
								70-150	Wet	6
		Jul	Frequent	Brief	None	---	---	0- 70	Moist	8
								70-150	Wet	6
		Aug	Frequent	Brief	None	---	---	0- 70	Moist	6
								70-150	Wet	6
		Sep	Frequent	Brief	None	---	---	0- 70	Moist	5
								70-150	Wet	6
7FP21:										
Alpine-scrub mosaic gravelly diorite terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7FP21:										
Alpine-riparian scrub gravelly diorite flood plains, moderately wet	C	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-120	Moist	1
								120-150	Wet	2
		May	Frequent	Long	None	---	---	0- 60	Moist	-1
								60-120	Moist	1
								120-150	Wet	2
		Jun	Frequent	Long	None	---	---	0- 30	Moist	6
								30- 50	Moist	-1
								50-150	Wet	2
		Jul	Frequent	Brief	None	---	---	0- 70	Moist	8
								70-150	Wet	6
		Aug	Frequent	Brief	None	---	---	0- 70	Moist	6
								70-150	Wet	6
		Sep	Rare	---	None	---	---	0- 70	Moist	5
								70-150	Wet	6
Alpine-scrub loamy terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
7MFA:										
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 30	Wet	3
								30-150	Wet	-2
		Jul	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	4
								50- 80	Wet	1
								80-150	Wet	-2
		Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	4
								50- 80	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub-meadow mosaic gravelly schist swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	2
								10-100	Moist	-1
								100-150	Moist	1
		Jun	None	---	None	---	---	0- 25	Wet	4
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 30	Moist	8
								30- 50	Moist	5
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7MFA:										
Alpine-dwarf scrub gravelly schist steps and lobes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
7MS1D:										
Alpine-dwarf scrub dark gravelly colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Interior-nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--
Alpine-scrub gravelly colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
7MS1L:										
Interior-nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--
Alpine-dwarf scrub gravelly colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-scrub gravelly colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7MS2:										
Boreal-forested gravelly till slopes, moderately wet	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	2
								10- 25	Wet	-1
								25-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 25	Moist	4
								25- 50	Moist	-1
								50- 75	Wet	-1
								75-100	Wet	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Wet	3
		Aug	None	---	None	---	---	0- 50	Moist	6
								50-150	Wet	6
		Sep	None	---	None	---	---	0- 50	Moist	1
								50-150	Wet	1
Boreal-forested gravelly warm till slopes	B	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
7MS3:										
Alpine-scrub-sedge gravelly till slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 20	Wet	3
								20-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub gravelly till circles, frozen	D	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Wet	-2
		May	None	---	None	---	---	0- 10	Moist	1
								10-100	Moist	-1
								100-150	Wet	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-100	Moist	-1
								100-150	Wet	-2
		Jul	None	---	None	---	---	0- 80	Moist	5
								80-100	Wet	2
								120-150	Wet	-2
		Aug	None	---	None	---	---	0-100	Moist	5
								100-120	Wet	1
								120-150	Wet	-1
		Sep	None	---	None	---	---	0-100	Moist	4
								100-120	Wet	1
								120-150	Wet	-1

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7MS3:										
Subalpine-scrub-meadow mosaic gravelly till swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 10	Moist	4
								10- 25	Wet	1
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
7MS4:										
Boreal-taiga loamy drift slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
7MS31:										
Alpine-dwarf scrub gravelly till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-scrub-sedge gravelly till slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 20	Wet	3
								20-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7MS31:										
Alpine-scrub-meadow mosaic gravelly till swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	2
								10-100	Moist	-1
								100-150	Moist	1
		Jun	None	---	None	---	---	0- 25	Wet	4
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 30	Moist	8
								30- 50	Moist	5
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
7MSA:										
Alpine-dwarf scrub gravelly diorite colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Interior-nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--
Alpine-dwarf scrub gravelly diorite colluvial slopes, cold	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
7MSC:										
Alpine-dwarf scrub gravelly fan terraces	A	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-dwarf scrub-meadow mosaic gravelly fan swales	B	Apr	Very rare	---	None	---	---	0-150	Moist	-5
		May	Rare	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	Rare	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	Rare	---	None	---	---	0-150	Moist	8
		Sep	Rare	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7MSC:										
Alpine-dwarf scrub gravelly colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
7MSHD:										
Interior-nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--
Alpine-dwarf scrub dark gravelly colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-dwarf scrub dark gravelly colluvial slopes, cold	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
7MSHL:										
Interior-nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--
Alpine-dwarf scrub gravelly colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
7MSHL:										
Alpine-dwarf scrub gravelly colluvial slopes, cold	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
7MSHS:										
Interior-nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7MSHS:										
Alpine-dwarf scrub gravelly schist colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-dwarf scrub gravelly schist steps and lobes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
7NG:										
Alpine-scrub mosaic gravelly slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Alpine-scrub-sedge gravelly slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub gravelly circles, frozen	D	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Wet	-2
		May	None	---	None	---	---	0- 10	Moist	1
								10-100	Moist	-1
								100-150	Wet	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-100	Moist	-1
								100-150	Wet	-2
		Jul	None	---	None	---	---	0- 80	Moist	5
								80-100	Wet	2
								120-150	Wet	-2
		Aug	None	---	None	---	---	0-100	Moist	5
								100-120	Wet	1
								120-150	Wet	-1
		Sep	None	---	None	---	---	0-100	Moist	4
								100-120	Wet	1
								120-150	Wet	-1

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7NG2:										
Alpine-scrub gravelly slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Subalpine-scrub-meadow mosaic gravelly swales, Nenana Gravels	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 10	Moist	4
								10- 25	Wet	1
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Alpine-scrub-meadow mosaic gravelly till swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	2
								10-100	Moist	-1
								100-150	Moist	1
		Jun	None	---	None	---	---	0- 25	Wet	4
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 30	Moist	8
								30- 50	Moist	5
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
7P1:										
Alpine-scrub gravelly outwash slopes	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Alpine-scrub-sedge loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7P1:										
Subalpine-scrub-meadow mosaic gravelly till swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 10	Moist	4
								10- 25	Wet	1
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
7P2:										
Boreal-forested gravelly outwash slopes	A	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Boreal-meadow loamy outwash slope depressions	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 10	Moist	4
								10- 25	Wet	1
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
7P4:										
Boreal-forested gravelly till slopes	B	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7P4:										
Boreal-taiga loamy drift slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-forested gravelly outwash slopes	A	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
7P6:										
Boreal-taiga high elevation loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-woodland gravelly terraces	A	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
7SA1:										
Interior-nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--
Alpine-dwarf scrub dark gravelly colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7SA1:										
Alpine-scrub gravelly colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
7SA3:										
Subalpine-scrub-meadow mosaic gravelly till swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 10	Moist	4
								10- 25	Wet	1
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Alpine-scrub gravelly till slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Moist	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Moist	1
								50-150	Wet	-2
Alpine-scrub gravelly till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
7SA31:										
Subalpine-scrub gravelly colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7SA31:										
Subalpine-scrub-meadow mosaic gravelly till swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 10	Moist	4
								10- 25	Wet	1
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Alpine-scrub gravelly till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
7ST:										
Alpine-scrub gravelly terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Alpine-scrub loamy terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
7STF:										
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 20	Wet	3
								20- 150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7STF:										
Boreal-taiga high elevation loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
7TM:										
Alpine-dwarf scrub gravelly till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-scrub gravelly till circles, frozen	D	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Wet	-2
		May	None	---	None	---	---	0- 10	Moist	1
								10-100	Moist	-1
								100-150	Wet	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-100	Moist	-1
								100-150	Wet	-2
		Jul	None	---	None	---	---	0- 80	Moist	5
								80-100	Wet	2
								120-150	Wet	-2
		Aug	None	---	None	---	---	0-100	Moist	5
								100-120	Wet	1
								120-150	Wet	-1
		Sep	None	---	None	---	---	0-100	Moist	4
								100-120	Wet	1
								120-150	Wet	-1
Alpine-scrub-sedge gravelly till slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 20	Wet	3
								20-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7TM1:										
Alpine-dwarf scrub gravelly till steps and lobes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-scrub-sedge gravelly till slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 20	Wet	3
								20-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub-meadow mosaic gravelly till swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	2
								10-100	Moist	-1
								100-150	Moist	1
		Jun	None	---	None	---	---	0- 25	Wet	4
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 30	Moist	8
								30- 50	Moist	5
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
7TM2:										
Alpine-scrub gravelly till slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Moist	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Moist	1
								50-150	Wet	-2
Alpine-dwarf scrub gravelly till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7TM2:										
Subalpine-scrub-meadow mosaic gravelly till swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 10	Moist	4
								10- 25	Wet	1
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
7TM21:										
Alpine-dwarf scrub gravelly diorite till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-dwarf scrub gravelly diorite till hummocks and lobes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-scrub gravelly diorite till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
7TM24:										
Alpine-dwarf scrub gravelly diorite colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-dwarf scrub gravelly diorite fans	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7TM24:										
Alpine-dwarf scrub gravelly diorite fans, cold	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
7TMS:										
Alpine-dwarf scrub gravelly till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-dwarf scrub gravelly till steps and lobes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-dwarf scrub gravelly till slopes, cold	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
7TP:										
Alpine-scrub-sedge gravelly till slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 20	Wet	3
								20-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7TP:										
Alpine-scrub-meadow mosaic gravelly till swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	2
								10-100	Moist	-1
								100-150	Moist	1
		Jun	None	---	None	---	---	0- 25	Wet	4
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 30	Moist	8
								30- 50	Moist	5
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Alpine-scrub gravelly till circles, frozen	D	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Wet	-2
		May	None	---	None	---	---	0- 10	Moist	1
								10-100	Moist	-1
								100-150	Wet	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-100	Moist	-1
								100-150	Wet	-2
		Jul	None	---	None	---	---	0- 80	Moist	5
								80-100	Wet	2
								120-150	Wet	-2
		Aug	None	---	None	---	---	0-100	Moist	5
								100-120	Wet	1
								120-150	Wet	-1
		Sep	None	---	None	---	---	0-100	Moist	4
								100-120	Wet	1
								120-150	Wet	-1
7TP2:										
Alpine-scrub gravelly till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Alpine-scrub mosaic gravelly till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7TP2:										
Alpine-scrub-sedge gravelly till slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 20	Wet	3
								20-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
7TP3:										
Alpine-scrub gravelly till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Boreal-forested gravelly till slopes, moderately wet	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 10	Moist	4
								10- 25	Wet	1
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Boreal-taiga gravelly till slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7TP4:										
Alpine-scrub-sedge gravelly till slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 20	Wet	3
								20-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga gravelly till slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
7TP5:										
Boreal-taiga gravelly till slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub gravelly till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
7TP8:										
Alpine-scrub gravelly diorite till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7TP8:										
Alpine-dwarf scrub gravelly diorite till slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-scrub-meadow mosaic gravelly diorite swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	2
								10-100	Moist	-1
								100-150	Moist	1
		Jun	None	---	None	---	---	0- 25	Wet	4
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 30	Moist	8
								30- 50	Moist	5
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
7V1:										
Alpine-scrub gravelly terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Alpine-scrub-sedge loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub-sedge gravelly till slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 20	Wet	3
								20-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7V1A:										
Alpine-dwarf scrub gravelly diorite fans	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-scrub mosaic gravelly diorite terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Alpine-dwarf scrub gravelly diorite fans, cold	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
7V1B:										
Alpine-scrub mosaic gravelly diorite terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Alpine-scrub loamy diorite terraces, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Subalpine-riparian scrub gravelly diorite flood plains	A	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Rare	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Rare	---	None	---	---	0-150	Moist	3
		Jul	Rare	---	None	---	---	0-150	Moist	5
		Aug	Rare	---	None	---	---	0-150	Moist	6
		Sep	Rare	---	None	---	---	0-150	Moist	5

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7V2:										
Boreal-forested loamy fan terraces	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 10	Moist	4
								10- 25	Wet	1
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Boreal-woodland gravelly terraces	A	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Alpine-scrub gravelly terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
7V5:										
Alpine-dwarf scrub gravelly fan terraces	A	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-scrub-sedge loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-riparian scrub gravelly flood plains, cool	A	Apr	Rare	---	None	---	---	0-150	Moist	-4
		May	Occasional	Long	None	---	---	0-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	Occasional	Brief	None	---	---	0-150	Moist	3
		Aug	Occasional	Brief	None	---	---	0-150	Moist	7
		Sep	Rare	---	None	---	---	0-150	Moist	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
7V11:										
Alpine-riparian scrub gravelly flood plains	A	Apr	Rare	---	None	---	---	0-150	Moist	-4
		May	Occasional	Long	None	---	---	0-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	Occasional	Brief	None	---	---	0-150	Moist	3
		Aug	Occasional	Brief	None	---	---	0-150	Moist	7
		Sep	Rare	---	None	---	---	0-150	Moist	4
Nonvegetated alluvium		Apr	Rare	---	None	---	---	---	---	--
		May-Sep	Frequent	Long	None	---	---	---	---	--
Alpine-scrub gravelly terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
8FP1:										
Alpine-riparian scrub gravelly schist flood plains, moderately wet	C	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-120	Moist	1
								120-150	Wet	2
		May	Frequent	Long	None	---	---	0- 60	Moist	-1
								60-120	Moist	1
								120-150	Wet	2
		Jun	Frequent	Long	None	---	---	0- 30	Moist	6
								30- 50	Moist	-1
								50-150	Wet	2
		Jul	Frequent	Brief	None	---	---	0- 70	Moist	8
								70-150	Wet	6
		Aug	Frequent	Brief	None	---	---	0- 70	Moist	6
								70-150	Wet	6
		Sep	Rare	---	None	---	---	0- 70	Moist	5
								70-150	Wet	6
Alpine-riparian scrub gravelly schist flood plains	A	Apr	Rare	---	None	---	---	0-150	Moist	-4
		May	Occasional	Long	None	---	---	0-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	Occasional	Brief	None	---	---	0-150	Moist	3
		Aug	Occasional	Brief	None	---	---	0-150	Moist	7
		Sep	Rare	---	None	---	---	0-150	Moist	4
Alpine-riparian scrub loamy schist flood plains, wet	D	Apr	Rare	---	None	---	---	0- 25	Moist	-1
								25- 60	Wet	-1
								120-150	Wet	2
		May	Frequent	Long	Frequent	Long	25	0- 25	Wet	1
								25- 50	Wet	-1
								60-150	Wet	2
		Jun	Frequent	Long	Frequent	Long	25	0-150	Wet	7
		Jul	Frequent	Brief	Frequent	Brief	10	0- 10	Moist	8
								10-150	Wet	6
		Aug	Frequent	Brief	Frequent	Brief	10	0- 10	Moist	6
								10-150	Wet	6
		Sep	Frequent	Brief	Frequent	Brief	10	0- 10	Moist	5
								10-150	Wet	6

Table 16. Water Features—Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
8FP2:										
Boreal-riparian scrub gravelly schist flood plains, moderately wet	C	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-120	Moist	1
								120-150	Wet	2
		May	Frequent	Long	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Wet	2
		Jun	Frequent	Long	None	---	---	0- 70	Moist	7
								70-150	Wet	6
		Jul	Frequent	Brief	None	---	---	0- 70	Moist	8
								70-150	Wet	6
		Aug	Frequent	Brief	None	---	---	0- 70	Moist	6
								70-150	Wet	6
		Sep	Frequent	Brief	None	---	---	0- 70	Moist	5
								70-150	Wet	6
Boreal-riparian forested gravelly schist flood plains	A	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0-150	Moist	6
		Sep	Occasional	Brief	None	---	---	0-150	Moist	5
Alpine-scrub gravelly schist terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
8LM:										
Alpine-scrub-sedge silty hummocks, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 20	Wet	3
								20- 25	Wet	-2
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-tussock-scrub mica rich silty slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 20	Wet	3
								20- 25	Wet	-2
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
Alpine-scrub gravelly schist circles, frozen	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Wet	-2
		May	None	---	None	---	---	0- 10	Moist	1
								10-100	Moist	-1
								100-150	Wet	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-100	Moist	-1
								100-150	Wet	-2
		Jul	None	---	None	---	---	0- 80	Moist	5
								80-100	Wet	2
								120-150	Wet	-2
		Aug	None	---	None	---	---	0-100	Moist	5
								100-120	Wet	1
								120-150	Wet	-1
		Sep	None	---	None	---	---	0-100	Moist	4
								100-120	Wet	1
								120-150	Wet	-1
8LM1:										
Alpine-scrub-sedge-gravelly schist hummocks, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub gravelly schist circles, frozen	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Wet	-2
		May	None	---	None	---	---	0- 10	Moist	1
								10-100	Moist	-1
								100-150	Wet	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-100	Moist	-1
								100-150	Wet	-2
		Jul	None	---	None	---	---	0- 80	Moist	5
								80-100	Wet	2
								120-150	Wet	-2
		Aug	None	---	None	---	---	0-100	Moist	5
								100-120	Wet	1
								120-150	Wet	-1
		Sep	None	---	None	---	---	0-100	Moist	4
								100-120	Wet	1
								120-150	Wet	-1
Alpine-tussock-scrub gravelly schist slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
8LMF:										
Boreal-taiga high elevation silty mica rich loess hills, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Moist	-4
		May	None	---	None	---	---	0- 25	Moist	1
								25-150	Moist	-2
		Jun	None	---	None	---	---	0- 25	Moist	3
								25-150	Moist	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Moist	1
								50-150	Moist	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Moist	1
								50-150	Moist	-2
Boreal-taiga/tussock mica rich silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
8LMV:										
Alpine-dwarf scrub gravelly schist colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Alpine-scrub gravelly schist colluvial slopes, thick surface	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Subalpine-scrub gravelly schist colluvial slopes	B	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
8MBS:										
Alpine-scrub gravelly schist colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Alpine-scrub mosaic gravelly colluvial schist slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 30	Wet	3
								30-150	Wet	-2
		Jul	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	4
								50- 80	Wet	1
								80-150	Wet	-2
		Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	4
								50- 80	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
8MFS:										
Alpine-scrub gravelly schist colluvial toeslopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub gravelly schist colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
8MFS:										
Subalpine-scrub-meadow mosaic gravelly schist swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 10	Moist	4
								10- 25	Wet	1
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
8MFS1:										
Boreal-taiga gravelly schist slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub gravelly schist colluvial toeslopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-tussock-scrub gravelly schist slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
8MS:										
Alpine-dwarf scrub gravelly schist colluvial slopes	B	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
Interior-nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	4
								50-130	Wet	1
								130-150	Wet	-2
		Sep	None	---	None	---	---	0- 40	Moist	2
								40-130	Wet	1
								130-150	Wet	-2
8MVF:										
Boreal-forested silty schist slopes, wet	D	Apr	None	---	None	---	---	0- 75	Moist	-1
								75-100	Wet	-1
								100-150	Wet	1
		May	None	---	None	---	---	0- 10	Wet	2
								10- 25	Wet	-1
								25- 75	Moist	-1
								75-100	Wet	-1
								100-150	Wet	2
		Jun	None	---	None	---	---	0- 25	Wet	4
								25- 75	Wet	-1
								75-100	Wet	2
		Jul	None	---	None	---	---	0- 25	Moist	8
								25- 50	Wet	8
								50- 75	Wet	5
								75-150	Wet	3
		Aug	None	---	None	---	---	0- 25	Moist	6
								25-150	Wet	6
		Sep	None	---	None	---	---	0- 25	Moist	1
								25-150	Wet	1
Subalpine-scrub-meadow mosaic gravelly schist swales	C	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Moist	1
		May	None	---	None	---	---	0- 10	Wet	3
								10-100	Moist	-1
								100-150	Moist	2
		Jun	None	---	None	---	---	0- 10	Moist	4
								10- 25	Wet	1
								25- 75	Moist	-1
								75-100	Moist	2
		Jul	None	---	None	---	---	0- 50	Moist	8
								50- 75	Wet	5
								75-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
8MVF:										
Boreal-forested gravelly schist colluvial slopes	B	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
8ST1:										
Alpine-tussock-scrub gravelly schist slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub gravelly schist colluvial toeslopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub gravelly schist terraces	A	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
9AF:										
Subalpine-scrub gravelly fan terraces	A	Apr	Rare	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	Rare	---	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	Rare	---	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	Rare	---	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	Rare	---	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	Rare	---	None	---	---	0- 30	Moist	5
								30-150	Moist	6

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
9AF2:										
Boreal-riparian forested gravelly high flood plains, Cook Inlet	A	Apr	Rare	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	Occasional	Brief	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	Occasional	Brief	None	---	---	0- 30	Moist	5
								30-150	Moist	6
Boreal-forested gravelly fan terraces	A	Apr	Rare	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	Rare	---	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	Rare	---	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	Rare	---	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	Rare	---	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	Rare	---	None	---	---	0- 30	Moist	5
								30-150	Moist	6
Boreal-riparian forested hardwood gravelly flood plains	A	Apr	Rare	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	Occasional	Brief	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	Occasional	Brief	None	---	---	0- 30	Moist	5
								30-150	Moist	6
9CE:										
Subalpine-scrub gravelly moraines	B	Apr	None	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	None	---	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	None	---	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	None	---	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	None	---	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	None	---	None	---	---	0- 30	Moist	5
								30-150	Moist	6
South Central nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
9CE:										
Boreal-woodland gravelly moraines	B	Apr	None	---	None	---	---	0- 50	Moist	-2
								0-150	Moist	-4
								50-150	Moist	1
		May	None	---	None	---	---	0- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25- 50	Moist	0
								50-150	Moist	2
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
9MSA:										
Alpine-dwarf scrub gravelly diorite colluvial slopes, warm	B	Apr	None	---	None	---	---	0- 25	Moist	-3
								25- 75	Moist	-2
								75-150	Moist	1
		May	None	---	None	---	---	0- 75	Moist	-1
								75-150	Moist	1
		Jun	None	---	None	---	---	0- 25	Moist	5
								25- 75	Moist	3
								75-150	Moist	1
		Jul	None	---	None	---	---	0- 25	Moist	9
								25- 75	Moist	7
								75-150	Moist	2
		Aug	None	---	None	---	---	0- 25	Moist	7
								25- 75	Moist	8
								75-150	Moist	3
		Sep	None	---	None	---	---	0- 75	Moist	5
								75-150	Moist	4
South Central nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--
Alpine-dwarf scrub gravelly diorite colluvial slopes, cool	B	Apr	None	---	None	---	---	0- 25	Moist	-3
								25- 75	Moist	-2
								75-150	Moist	1
		May	None	---	None	---	---	0- 75	Moist	-1
								75-150	Moist	1
		Jun	None	---	None	---	---	0- 25	Moist	5
								25- 75	Moist	3
								75-150	Moist	1
		Jul	None	---	None	---	---	0- 25	Moist	9
								25- 75	Moist	7
								75-150	Moist	2
		Aug	None	---	None	---	---	0- 25	Moist	7
								25- 75	Moist	8
								75-150	Moist	3
		Sep	None	---	None	---	---	0- 75	Moist	5
								75-150	Moist	4
9MSH:										
South Central nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
9MSH:										
Alpine-dwarf scrub gravelly colluvial slopes, warm	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
Alpine-dwarf scrub gravelly colluvial slopes, cool	B	Apr	None	---	None	---	---	0- 25	Moist	-3
								25- 75	Moist	-2
								75-150	Moist	1
		May	None	---	None	---	---	0- 75	Moist	-1
								75-150	Moist	1
		Jun	None	---	None	---	---	0- 25	Moist	5
								25- 75	Moist	3
								75-150	Moist	1
		Jul	None	---	None	---	---	0- 25	Moist	9
								25- 75	Moist	7
								75-150	Moist	2
		Aug	None	---	None	---	---	0- 25	Moist	7
								25- 75	Moist	8
								75-150	Moist	3
		Sep	None	---	None	---	---	0- 75	Moist	5
								75-150	Moist	4
9MSH1:										
Alpine-dwarf scrub silty hummocks	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
9MSH1:										
Alpine-dwarf scrub gravelly colluvial slopes, warm	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
Alpine-scrub-meadow mosaic gravelly colluvial slopes	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
9SA4:										
Alpine-scrub-meadow mosaic gravelly colluvial slopes	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
South Central nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
9SA5:										
Subalpine-scrub-meadow mosaic gravelly colluvial slopes	B	Apr	None	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	None	---	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	None	---	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	None	---	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	None	---	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	None	---	None	---	---	0- 30	Moist	5
								30-150	Moist	6
Alpine-scrub gravelly colluvial slopes, warm	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
South Central nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--
9SA6:										
Subalpine-scrub-meadow mosaic silty till slopes	B	Apr	None	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	None	---	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	None	---	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	None	---	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	None	---	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	None	---	None	---	---	0- 30	Moist	5
								30-150	Moist	6

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
9SA44:										
Alpine-scrub-meadow mosaic silty till slopes	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
Alpine-scrub gravelly till slopes, warm	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
Alpine-dwarf scrub gravelly till hummocks	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
9SA61:										
Subalpine-scrub-meadow mosaic silty till slopes	B	Apr	None	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	None	---	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	None	---	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	None	---	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	None	---	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	None	---	None	---	---	0- 30	Moist	5
								30-150	Moist	6
Alpine-sedge wet meadow organic depressions	D	Apr	None	---	None	---	---	0- 50	Wet	-1
								50-150	Wet	1
		May	None	---	None	---	---	0- 10	Wet	1
								10- 50	Wet	-1
								60-150	Wet	1
		Jun	None	---	None	---	---	0- 25	Wet	1
								25- 50	Wet	-1
								50-150	Wet	1
		Jul	None	---	None	---	---	0-150	Wet	12
		Aug	None	---	None	---	---	0-150	Wet	13
		Sep	None	---	None	---	---	0-150	Wet	10
Alpine-scrub gravelly wet till swales	D	Apr	None	---	None	---	---	0- 25	Moist	-2
								25-150	Wet	1
		May	None	---	None	---	---	0-150	Wet	1
		Jun	None	---	None	---	---	0-150	Wet	4
		Jul	None	---	None	---	---	0- 25	Moist	10
								25-150	Wet	7
		Aug	None	---	None	---	---	0- 25	Moist	8
								25-150	Wet	7
		Sep	None	---	None	---	---	0- 25	Wet	5
								25-150	Moist	6
9SA62:										
Subalpine-scrub-meadow mosaic silty till slopes	B	Apr	None	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	None	---	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	None	---	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	None	---	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	None	---	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	None	---	None	---	---	0- 30	Moist	5
								30-150	Moist	6
Alpine-scrub gravelly wet till swales	D	Apr	None	---	None	---	---	0- 25	Moist	-2
								25-150	Wet	1
		May	None	---	None	---	---	0-150	Wet	1
		Jun	None	---	None	---	---	0-150	Wet	4
		Jul	None	---	None	---	---	0- 25	Moist	10
								25-150	Wet	7
		Aug	None	---	None	---	---	0- 25	Moist	8
								25-150	Wet	7
		Sep	None	---	None	---	---	0- 25	Wet	5
								25-150	Moist	6

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
9SA66:										
Subalpine-scrub-meadow mosaic gravelly colluvial slopes	B	Apr	None	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	None	---	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	None	---	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	None	---	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	None	---	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	None	---	None	---	---	0- 30	Moist	5
								30-150	Moist	6
Subalpine-scrub-meadow mosaic silty till slopes	B	Apr	None	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	None	---	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	None	---	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	None	---	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	None	---	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	None	---	None	---	---	0- 30	Moist	5
								30-150	Moist	6
Alpine-scrub gravelly colluvial slopes, warm	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
9TM:										
Alpine-scrub-meadow mosaic silty till slopes	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
9TM:										
Subalpine-scrub-meadow mosaic silty till slopes	B	Apr	None	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	None	---	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	None	---	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	None	---	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	None	---	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	None	---	None	---	---	0- 30	Moist	5
								30-150	Moist	6
Alpine-scrub gravelly till slopes, warm	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
9TM3:										
Alpine-dwarf scrub silty till hummocks	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
9TM3:										
Alpine-dwarf scrub gravelly till hummocks	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
Alpine-scrub mosaic gravelly till drains	C	Apr	None	---	None	---	---	0- 25	Moist	-2
								25-150	Wet	1
		May	None	---	None	---	---	0-150	Wet	1
		Jun	None	---	None	---	---	0- 25	Wet	6
								25-150	Wet	3
		Jul	None	---	None	---	---	0- 10	Moist	10
								10-150	Wet	7
		Aug	None	---	None	---	---	0- 10	Moist	8
								10-150	Wet	7
		Sep	None	---	None	---	---	0- 10	Wet	5
								10-150	Moist	6
9TM4:										
Alpine-dwarf scrub silty till hummocks	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
9TM4:										
Alpine-dwarf scrub gravelly diorite till slopes, warm	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 40	Moist	8
								40- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
Alpine-scrub-meadow mosaic gravelly diorite colluvial slopes	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
9TMF:										
Boreal-forested silty till slopes, ash influenced, warm	B	Apr	None	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	None	---	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	None	---	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	None	---	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	None	---	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	None	---	None	---	---	0- 30	Moist	5
								30-150	Moist	6
Subalpine-scrub-meadow mosaic silty till slopes	B	Apr	None	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	None	---	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	None	---	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	None	---	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	None	---	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	None	---	None	---	---	0- 30	Moist	5
								30-150	Moist	6

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
9TP:										
Alpine-scrub-meadow mosaic silty till slopes	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
Alpine-dwarf scrub silty till hummocks	B	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
Alpine-scrub gravelly wet till swales	D	Apr	None	---	None	---	---	0- 25	Moist	-2
								25-150	Wet	1
		May	None	---	None	---	---	0-150	Wet	1
		Jun	None	---	None	---	---	0-150	Wet	4
		Jul	None	---	None	---	---	0- 25	Moist	10
								25-150	Wet	7
		Aug	None	---	None	---	---	0- 25	Moist	8
								25-150	Wet	7
		Sep	None	---	None	---	---	0- 25	Wet	5
								25-150	Moist	6

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
9V12:										
Alpine-dwarf scrub gravelly fan terraces, warm	A	Apr	None	---	None	---	---	0- 40	Moist	-2
								40- 60	Moist	0
								60-150	Moist	2
		May	None	---	None	---	---	0- 40	Moist	1
								40- 60	Moist	0
								60-150	Moist	2
		Jun	None	---	None	---	---	0- 40	Moist	6
								40- 60	Moist	3
								60-150	Moist	2
		Jul	None	---	None	---	---	0- 40	Moist	10
								40- 60	Moist	9
								60-150	Moist	4
		Aug	None	---	None	---	---	0- 60	Moist	8
								60-150	Moist	4
		Sep	None	---	None	---	---	0- 40	Moist	5
								40- 60	Moist	7
								60-150	Moist	4
Nonvegetated alluvium		Apr	Rare	---	None	---	---	---	---	--
		May-Sep	Frequent	Long	None	---	---	---	---	--
Alpine-dwarf scrub gravelly fan terraces	A	Apr	None	---	None	---	---	0-150	Moist	-5
		May	None	---	None	---	---	0- 10	Moist	1
								10-150	Moist	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-150	Moist	-1
		Jul-Aug	None	---	None	---	---	0-150	Moist	8
		Sep	None	---	None	---	---	0- 10	Moist	0
								10-150	Moist	3
10ES:										
Boreal-forested gravelly colluvial slopes, dissected	B	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Alpine-scrub-sedge gravelly slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Subalpine-forested stunted hardwood gravelly colluvial slopes, dissected	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	-1
		Jun	None	---	None	---	---	0- 25	Dry	3
								25-150	Moist	1
		Jul	None	---	None	---	---	0- 25	Dry	10
								25-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
10ES1:										
Boreal-forested gravelly colluvial slopes, dissected	B	Apr	None	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	None	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	None	---	None	---	---	0-150	Moist	3
		Jul	None	---	None	---	---	0-150	Moist	5
		Aug	None	---	None	---	---	0-150	Moist	6
		Sep	None	---	None	---	---	0-150	Moist	5
Boreal-taiga high elevation silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub-sedge gravelly slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
10LM:										
Alpine-scrub-sedge gravelly slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub mosaic gravelly slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
10P1:										
Alpine-scrub gravelly circles, frozen	D	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Wet	-2
		May	None	---	None	---	---	0- 10	Moist	1
								10-100	Moist	-1
								100-150	Wet	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-100	Moist	-1
								100-150	Wet	-2
		Jul	None	---	None	---	---	0- 80	Moist	5
								80-100	Wet	2
								120-150	Wet	-2
		Aug	None	---	None	---	---	0-100	Moist	5
								100-120	Wet	1
								120-150	Wet	-1
		Sep	None	---	None	---	---	0-100	Moist	4
								100-120	Wet	1
								120-150	Wet	-1
Alpine-scrub-sedge gravelly slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
10P3:										
Boreal-taiga high elevation silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga/tussock high elevation silty frozen loess slopes, Alaska Mountains	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
10P3:										
Boreal-taiga high elevation silty loess hills, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Moist	-4
		May	None	---	None	---	---	0- 25	Moist	1
								25-150	Moist	-2
		Jun	None	---	None	---	---	0- 25	Moist	3
								25-150	Moist	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Moist	1
								50-150	Moist	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Moist	1
								50-150	Moist	-2
10P4:										
Alpine-scrub gravelly circles, frozen	D	Apr	None	---	None	---	---	0-100	Moist	-1
								100-150	Wet	-2
		May	None	---	None	---	---	0- 10	Moist	1
								10-100	Moist	-1
								100-150	Wet	-2
		Jun	None	---	None	---	---	0- 50	Moist	3
								50-100	Moist	-1
								100-150	Wet	-2
		Jul	None	---	None	---	---	0- 80	Moist	5
								80-100	Wet	2
								120-150	Wet	-2
		Aug	None	---	None	---	---	0-100	Moist	5
								100-120	Wet	1
								120-150	Wet	-1
		Sep	None	---	None	---	---	0-100	Moist	4
								100-120	Wet	1
								120-150	Wet	-1
Alpine-scrub mosaic gravelly slopes	B	Apr	None	---	None	---	---	0-150	Moist	-4
		May	None	---	None	---	---	0-150	Moist	0
		Jun	None	---	None	---	---	0- 25	Moist	2
								25-150	Moist	0
		Jul	None	---	None	---	---	0-150	Moist	3
		Aug	None	---	None	---	---	0-150	Moist	7
		Sep	None	---	None	---	---	0-150	Moist	4
Alpine-scrub-sedge gravelly slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
10SU:										
Alpine-tussock-scrub silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub-sedge gravelly slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
10TS:										
Boreal-taiga high elevation silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga/tussock high elevation silty frozen loess slopes, Alaska Mountains	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
10TS1:										
Boreal-taiga gravelly slopes, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga/tussock high elevation silty frozen loess slopes, Alaska Mountains	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
10V2:										
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 20	Wet	3
								20- 25	Wet	-2
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Boreal-taiga high elevation loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features—Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
10V2:										
Boreal-riparian scrub gravelly flood plains	A	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0-150	Moist	6
		Sep	Occasional	Brief	None	---	---	0-150	Moist	5
11FP:										
Boreal-riparian forested loamy high flood plains	B	Apr	Very rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Rare	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Rare	---	None	---	---	0-150	Moist	3
		Jul	Rare	---	None	---	---	0-150	Moist	5
		Aug	Rare	---	None	---	---	0-150	Moist	6
		Sep	Rare	---	None	---	---	0-150	Moist	5
Boreal-riparian scrub gravelly flood plains, moderately wet	C	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-120	Moist	1
								120-150	Wet	2
		May	Frequent	Long	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Wet	2
		Jun	Frequent	Long	None	---	---	0- 70	Moist	7
								70-150	Wet	6
		Jul	Frequent	Brief	None	---	---	0- 70	Moist	8
								70-150	Wet	6
		Aug	Frequent	Brief	None	---	---	0- 70	Moist	6
								70-150	Wet	6
		Sep	Frequent	Brief	None	---	---	0- 70	Moist	5
								70-150	Wet	6
Boreal-riparian scrub gravelly flood plains	A	Apr	Rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Occasional	Brief	None	---	---	0-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0-150	Moist	6
		Sep	Occasional	Brief	None	---	---	0-150	Moist	5
11P:										
Alpine-tussock-scrub silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
11P1:										
Alpine-tussock-scrub silty loess slopes, frozen	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
Alpine-scrub organic mounds, frozen	D	Apr	None	---	None	---	---	0- 80	Moist	-2
								80-150	Wet	-2
		May	None	---	None	---	---	0- 10	Moist	1
								10- 80	Moist	-1
								80-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Moist	3
								25- 80	Moist	-1
								80-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 50	Moist	4
								50- 80	Moist	1
								80-150	Wet	-2
		Sep	None	---	None	---	---	0- 50	Moist	2
								50- 80	Moist	1
								80-150	Wet	-2
Alpine-sedge bog organic depressions, frozen	D	Apr	None	---	None	---	---	0-150	Wet	-2
		May	None	---	Frequent	Very long	10	0- 10	Wet	1
								10-150	Wet	-1
		Jun	None	---	Frequent	Very long	10	0- 25	Wet	2
								25-150	Wet	-1
		Jul-Aug	None	---	Frequent	Very long	10	0- 75	Wet	5
								75-150	Wet	-1
		Sep	None	---	Frequent	Very long	10	0- 75	Wet	1
								75-150	Wet	-1
11ST:										
Boreal-riparian forested loamy high flood plains	B	Apr	Very rare	---	None	---	---	0- 60	Moist	-1
								60-150	Moist	1
		May	Rare	---	None	---	---	0- 25	Moist	1
								25- 50	Moist	-1
								50-150	Moist	0
		Jun	Rare	---	None	---	---	0-150	Moist	3
		Jul	Rare	---	None	---	---	0-150	Moist	5
		Aug	Rare	---	None	---	---	0-150	Moist	6
		Sep	Rare	---	None	---	---	0-150	Moist	5
Boreal-taiga high elevation loamy terraces, frozen	D	Apr	None	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	-4
		May	None	---	None	---	---	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	None	---	---	0- 25	Wet	3
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 25	Moist	4
								25- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 25	Moist	2
								25- 50	Wet	1
								50-150	Wet	-2

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
11ST:										
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	D	Apr	None	---	None	---	---	0- 20	Moist	-1
								20-150	Wet	-4
		May	None	---	Frequent	Long	20	0- 10	Wet	1
								10-150	Wet	-2
		Jun	None	---	Frequent	Long	20	0- 20	Wet	3
								20- 25	Wet	-2
								25-150	Wet	-2
		Jul-Aug	None	---	None	---	---	0- 20	Moist	4
								20- 50	Wet	1
								50-150	Wet	-2
		Sep	None	---	None	---	---	0- 20	Moist	2
								20- 50	Wet	1
								50-150	Wet	-2
12B:										
Boreal-sedge bog organic depressions	D	Apr	None	---	None	---	---	0- 50	Wet	-1
								50-150	Wet	1
		May	None	---	Frequent	Very long	10	0- 10	Wet	1
								10- 50	Wet	-1
								50-150	Wet	1
		Jun	None	---	Frequent	Very long	10	0- 25	Wet	1
								25- 50	Wet	-1
								50-150	Wet	1
		Jul	None	---	Frequent	Very long	5	0-150	Wet	12
		Aug	None	---	Frequent	Very long	5	0-150	Wet	13
		Sep	None	---	Frequent	Very long	10	0-150	Wet	10
Boreal-woodland bog organic depressions	A	Apr	None	---	None	---	---	0- 50	Wet	-1
								50-150	Wet	1
		May	None	---	None	---	---	0- 10	Wet	1
								10- 50	Wet	-1
								50-150	Wet	1
		Jun	None	---	None	---	---	0- 25	Wet	1
								25- 50	Wet	-1
								50-150	Wet	1
		Jul	None	---	None	---	---	0-150	Wet	12
		Aug	None	---	None	---	---	0-150	Wet	13
		Sep	None	---	None	---	---	0-150	Wet	10
12HS2:										
Boreal-forested silty till slopes, ash influenced, warm	B	Apr	None	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	None	---	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	None	---	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	None	---	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	None	---	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	None	---	None	---	---	0- 30	Moist	5
								30-150	Moist	6

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
12HS2:										
Boreal-forested silty wet till slopes, ash influenced	D	Apr	None	---	None	---	---	0- 25	Moist	1
								25-150	Wet	1
		May	None	---	None	---	---	0-150	Wet	4
		Jun	None	---	None	---	---	0-150	Wet	8
		Jul	None	---	None	---	---	0- 25	Moist	10
								25-150	Wet	8
		Aug	None	---	None	---	---	0- 25	Moist	8
								25-150	Wet	8
		Sep	None	---	None	---	---	0- 25	Wet	5
								25-150	Moist	5
Boreal-sedge bog organic depressions	D	Apr	None	---	None	---	---	0- 50	Wet	-1
								50-150	Wet	1
		May	None	---	Frequent	Very long	10	0- 10	Wet	1
								10- 50	Wet	-1
								50-150	Wet	1
		Jun	None	---	Frequent	Very long	10	0- 25	Wet	1
								25- 50	Wet	-1
								50-150	Wet	1
		Jul	None	---	Frequent	Very long	5	0-150	Wet	12
		Aug	None	---	Frequent	Very long	5	0-150	Wet	13
		Sep	None	---	Frequent	Very long	10	0-150	Wet	10
13F21:										
Subalpine-riparian scrub gravelly diorite flood plains, moderately wet	C	Apr	Rare	---	None	---	---	0- 30	Moist	0
								30-120	Moist	1
								120-150	Wet	1
		May	Frequent	Long	None	---	---	0- 30	Moist	-1
								30- 50	Moist	1
								50-150	Wet	1
		Jun	Frequent	Long	None	---	---	0- 30	Moist	6
								30- 50	Moist	3
								50-150	Wet	3
		Jul	Frequent	Brief	None	---	---	0- 30	Moist	7
								30- 50	Moist	5
								50-150	Wet	5
		Aug	Frequent	Brief	None	---	---	0- 30	Moist	8
								30- 50	Moist	7
								50-150	Wet	7
		Sep	Frequent	Brief	None	---	---	0- 30	Moist	5
								30- 50	Moist	6
								50-150	Wet	6
Alpine-riparian scrub loamy diorite low flood plains, wet	D	Apr	Rare	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	1
		May	Occasional	Brief	Occasional	Long	5	0- 25	Wet	-1
								25-150	Wet	1
		Jun	Occasional	Brief	Occasional	Long	5	0-150	Wet	7
		Jul-Aug	Occasional	Brief	None	---	---	0- 10	Moist	7
								10- 25	Wet	7
								25-150	Wet	4
		Sep	Occasional	Brief	None	---	---	0- 10	Moist	5
								10- 25	Wet	5
								25-150	Wet	4

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
13F21:										
Subalpine-riparian wet meadow organic depressions	D	Apr	Rare	---	None	---	---	0- 50	Wet	-1
								50-150	Wet	1
		May	Occasional	Long	Frequent	Very long	10	0- 10	Wet	1
								10- 50	Wet	-1
								60-150	Wet	1
		Jun	Occasional	Long	Frequent	Very long	10	0- 25	Wet	1
								25- 50	Wet	-1
								50-150	Wet	1
		Jul	Occasional	Long	Frequent	Very long	10	0-150	Wet	12
		Aug	Occasional	Long	Frequent	Very long	10	0-150	Wet	13
		Sep	Occasional	Long	Frequent	Very long	10	0-150	Wet	10
13F22:										
Alpine-riparian scrub gravelly diorite flood plains	A	Apr	Rare	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	Occasional	Brief	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	Occasional	Brief	None	---	---	0- 30	Moist	5
								30-150	Moist	6
Nonvegetated alluvium		Apr	Rare	---	None	---	---	---	---	--
		May-Sep	Frequent	Long	None	---	---	---	---	--
Alpine-riparian scrub loamy diorite low flood plains, wet	D	Apr	Rare	---	None	---	---	0- 25	Moist	-1
								25-150	Wet	1
		May	Occasional	Brief	Occasional	Long	5	0- 25	Wet	-1
								25-150	Wet	1
		Jun	Occasional	Brief	Occasional	Long	5	0-150	Wet	7
		Jul-Aug	Occasional	Brief	None	---	---	0- 10	Moist	7
								10- 25	Wet	7
								25-150	Wet	4
		Sep	Occasional	Brief	None	---	---	0- 10	Moist	5
								10- 25	Wet	5
								25-150	Wet	4
13FP:										
Boreal-riparian forested gravelly high flood plains, Cook Inlet	A	Apr	None	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	Occasional	Brief	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	Occasional	Brief	None	---	---	0- 30	Moist	5
								30-150	Moist	6

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
13FP:										
Boreal-riparian scrub gravelly flood plains, moderately wet and warm	C	Apr	Rare	---	None	---	---	0- 30	Moist	0
								30-120	Moist	1
								120-150	Wet	1
		May	Frequent	Long	None	---	---	0- 30	Moist	-1
								30- 50	Moist	1
								50-150	Wet	1
		Jun	Frequent	Long	None	---	---	0- 30	Moist	6
								30- 50	Moist	3
								50-150	Wet	3
		Jul	Frequent	Brief	None	---	---	0- 30	Moist	7
								30- 50	Moist	5
								50-150	Wet	5
		Aug	Frequent	Brief	None	---	---	0- 30	Moist	8
								30- 50	Moist	7
								50-150	Wet	7
		Sep	Frequent	Brief	None	---	---	0- 30	Moist	5
								30- 50	Moist	6
								50-150	Wet	6
Nonvegetated alluvium		Apr	Rare	---	None	---	---	---	---	--
		May-Sep	Frequent	Long	None	---	---	---	---	--
13FP2:										
Boreal-riparian forested hardwood gravelly flood plains	A	Apr	Rare	---	None	---	---	0- 30	Moist	0
								30-150	Moist	1
		May	Occasional	Brief	None	---	---	0- 30	Moist	-1
								30-150	Moist	1
		Jun	Occasional	Brief	None	---	---	0- 30	Moist	6
								30-150	Moist	3
		Jul	Occasional	Brief	None	---	---	0- 30	Moist	7
								30-150	Moist	5
		Aug	Occasional	Brief	None	---	---	0- 30	Moist	8
								30-150	Moist	7
		Sep	Occasional	Brief	None	---	---	0- 30	Moist	5
								30-150	Moist	6
Nonvegetated alluvium		Apr	Rare	---	None	---	---	---	---	--
		May-Sep	Frequent	Long	None	---	---	---	---	--
Boreal-riparian scrub gravelly flood plains, moderately wet and warm	C	Apr	Rare	---	None	---	---	0- 30	Moist	0
								30-120	Moist	1
								120-150	Wet	1
		May	Frequent	Long	None	---	---	0- 30	Moist	-1
								30- 50	Moist	1
								50-150	Wet	1
		Jun	Frequent	Long	None	---	---	0- 30	Moist	6
								30- 50	Moist	3
								50-150	Wet	3
		Jul	Frequent	Brief	None	---	---	0- 30	Moist	7
								30- 50	Moist	5
								50-150	Wet	5
		Aug	Frequent	Brief	None	---	---	0- 30	Moist	8
								30- 50	Moist	7
								50-150	Wet	7
		Sep	Frequent	Brief	None	---	---	0- 30	Moist	5
								30- 50	Moist	6
								50-150	Wet	6

Table 16. Water Features--Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
13FPW:										
Boreal-riparian scrub loamy wet flood plains, Cook Inlet	D	Apr	Rare	---	None	---	---	0- 25	Wet	-1
								25-150	Wet	1
		May	Occasional	Long	Frequent	Long	25	0- 10	Wet	-1
								10- 25	Wet	-1
								25-150	Wet	1
		Jun	Occasional	Long	Frequent	Long	25	0-150	Wet	7
		Jul-Aug	Occasional	Brief	Frequent	Brief	10	0- 10	Moist	7
								10- 25	Wet	7
								25-150	Wet	4
		Sep	Occasional	Brief	Frequent	Brief	10	0- 10	Moist	5
								10- 25	Wet	5
								25-150	Wet	4
Boreal-riparian forested loamy wet flood plains, Cook Inlet	C	Apr	Rare	---	None	---	---	0- 25	Moist	-1
								25-100	Moist	1
								100-150	Wet	1
		May	Occasional	Brief	None	---	---	0- 25	Moist	-1
								25- 60	Moist	1
								60-150	Wet	1
		Jun	Occasional	Brief	None	---	---	0- 60	Moist	7
								60-150	Wet	7
		Jul-Aug	Occasional	Brief	None	---	---	0- 25	Moist	7
								25- 60	Moist	4
								60-150	Wet	4
		Sep	Occasional	Brief	None	---	---	0- 25	Moist	5
								25- 60	Moist	4
								60-150	Wet	4
Subalpine-riparian wet meadow organic depressions	D	Apr	Rare	---	None	---	---	0- 50	Wet	-1
								50-150	Wet	1
		May	Occasional	Long	Frequent	Very long	10	0- 10	Wet	1
								10- 50	Wet	-1
								60-150	Wet	1
		Jun	Occasional	Long	Frequent	Very long	10	0- 25	Wet	1
								25- 50	Wet	-1
								50-150	Wet	1
		Jul	Occasional	Long	Frequent	Very long	10	0-150	Wet	12
		Aug	Occasional	Long	Frequent	Very long	10	0-150	Wet	13
		Sep	Occasional	Long	Frequent	Very long	10	0-150	Wet	10
13FWW:										
Boreal-riparian scrub organic flood plains, wet	D	Apr	None	---	None	---	---	0- 25	Wet	-1
								25-150	Wet	1
		May	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	4
		Jun	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	8
		Jul	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	10
		Aug	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	8
		Sep	Occasional	Long	Frequent	Very long	0-10	0-150	Wet	5
Boreal-riparian wet meadow organic flood plains, Cook Inlet	D	Apr	None	---	None	---	---	0- 25	Wet	-1
								25-150	Wet	1
		May	Occasional	Long	Frequent	Very long	5-25	0-150	Wet	4
		Jun	Occasional	Long	Frequent	Very long	5-25	0-150	Wet	8
		Jul	Occasional	Long	Frequent	Very long	5-25	0-150	Wet	10
		Aug	Occasional	Long	Frequent	Very long	5-25	0-150	Wet	8
		Sep	Occasional	Long	Frequent	Very long	5-25	0-150	Wet	5

Table 16. Water Features—Continued

Map symbol and common component name	Hydrologic group	Month	Flooding		Ponding		Soil moisture and temperature status			
			Frequency	Duration	Frequency	Duration	Depth	Depth	Moisture	Temperature
							cm	cm		C
13FWW:										
Boreal-riparian forested loamy wet flood plains, Cook Inlet	C	Apr	Rare	---	None	---	---	0- 25	Moist	-1
								25-100	Moist	1
								100-150	Wet	1
		May	Occasional	Brief	None	---	---	0- 25	Moist	-1
								25- 60	Moist	1
								60-150	Wet	1
		Jun	Occasional	Brief	None	---	---	0- 60	Moist	7
								60-150	Wet	7
		Jul-Aug	Occasional	Brief	None	---	---	0- 25	Moist	7
								25- 60	Moist	4
								60-150	Wet	4
		Sep	Occasional	Brief	None	---	---	0- 25	Moist	5
								25- 60	Moist	4
								60-150	Wet	4
G:										
Nonvegetated alluvium		Apr	Rare	---	None	---	---	---	---	--
		May-Sep	Frequent	Long	None	---	---	---	---	--
G1:										
Nonvegetated alluvium		Apr	Rare	---	None	---	---	---	---	--
		May-Sep	Frequent	Long	None	---	---	---	---	--
G2:										
Nonvegetated alluvium		Apr	Rare	---	None	---	---	---	---	--
		May-Sep	Frequent	Long	None	---	---	---	---	--
GA:										
Nonvegetated alluvium		Apr	Rare	---	None	---	---	---	---	--
		May-Sep	Frequent	Long	None	---	---	---	---	--
NV1:										
Interior-nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--
NV2:										
South Central nonvegetated rock outcrop, ice, talus, and/or drift		Apr-Sep	None	---	None	---	---	---	---	--
W:										
Water		Apr-Sep	None	---	None	---	---	---	---	--

Table 17. Cross-walk Between Common Component Names and Soil Names

Common component name	Soil taxonomic name	Phase name
Alpine-dwarf scrub dark gravelly colluvial slopes	Typic Haplogelolls, loamy-skeletal	
Alpine-dwarf scrub dark gravelly colluvial slopes, moist	Typic Haplogelolls, loamy-skeletal	cold
Alpine-dwarf scrub gravelly colluvial slopes	Typic Eutrogelepts, loamy-skeletal	
Alpine-dwarf scrub gravelly colluvial slopes, moist	Typic Eutrogelepts, loamy-skeletal	cool
Alpine-dwarf scrub gravelly colluvial slopes, cool	Andic Dystrocryepts, loamy-skeletal	cold
Alpine-dwarf scrub gravelly colluvial slopes, warm	Andic Dystrocryepts, loamy-skeletal	cool
Alpine-dwarf scrub gravelly diorite colluvial slopes	Typic Dystrogelepts, loamy-skeletal	diorite
Alpine-dwarf scrub gravelly diorite colluvial slopes, moist	Typic Dystrogelepts, loamy-skeletal	diorite, cold
Alpine-dwarf scrub gravelly diorite colluvial slopes, cool	Andic Dystrocryepts, loamy-skeletal	diorite, cold
Alpine-dwarf scrub gravelly diorite colluvial slopes, warm	Andic Dystrocryepts, loamy-skeletal	diorite
Alpine-dwarf scrub gravelly diorite fans	Typic Dystrogelepts, loamy-skeletal	diorite, fans
Alpine-dwarf scrub gravelly diorite fans, cool	Humic Eutrogelepts, loamy-skeletal	
Alpine-dwarf scrub gravelly diorite moraines	Typic Gelorthents, sandy-skeletal	moraines
Alpine-dwarf scrub gravelly diorite till hummocks and lobes	Typic Eutrogelepts, loamy-skeletal	diorite
Alpine-dwarf scrub gravelly diorite till slopes	Typic Dystrogelepts, sandy-skeletal	
Alpine-dwarf scrub gravelly diorite till slopes, cool	Typic Haplocryods, loamy-skeletal	diorite, cold
Alpine-dwarf scrub gravelly diorite till slopes, warm	Typic Haplocryods, loamy-skeletal	diorite
Alpine-dwarf scrub gravelly fan terraces	Typic Eutrogelepts, sandy-skeletal	
Alpine-dwarf scrub gravelly fan terraces, moist	Typic Eutrogelepts, sandy-skeletal	terraces, cool
Alpine-dwarf scrub gravelly fan terraces, warm	Typic Eutrocryepts, sandy-skeletal	terraces, warm
Alpine-dwarf scrub gravelly schist colluvial slopes	Typic Dystrogelepts, loamy-skeletal	schist
Alpine-dwarf scrub gravelly schist colluvial slopes, moist	Typic Dystrogelepts, loamy-skeletal	schist, cold
Alpine-dwarf scrub gravelly schist steps and lobes	Typic Dystrogelepts, loamy-skeletal	schist, steps
Alpine-dwarf scrub gravelly till hummocks	Andic Dystrocryepts, loamy-skeletal	hummocks
Alpine-dwarf scrub gravelly till slopes	Typic Eutrogelepts, loamy-skeletal	till
Alpine-dwarf scrub gravelly till slopes, moist	Typic Eutrogelepts, loamy-skeletal	till, cold
Alpine-dwarf scrub gravelly till steps and lobes	Typic Eutrogelepts, loamy-skeletal	till steps
Alpine-dwarf scrub silty hummocks	Andic Humicryods, medial over loamy-skeletal	hummocks, moderately deep
Alpine-dwarf scrub silty till hummocks	Andic Humicryods, medial over loamy-skeletal	hummocks
Alpine-dwarf scrub-meadow mosaic gravelly colluvial slopes	Andic Dystrocryepts, loamy-skeletal	swales
Alpine-dwarf scrub-meadow mosaic gravelly diorite swales	Andic Dystrocryepts, loamy-skeletal	diorite swales
Alpine-dwarf scrub-meadow mosaic gravelly depressions	Humic Eutrogelepts, loamy-skeletal	diorite
Alpine-dwarf scrub-meadow mosaic gravelly fan swales	Typic Gelorthents, sandy-skeletal	fans
Alpine-riparian scrub gravelly diorite flood plains	Typic Cryorthents, sandy-skeletal	diorite, South Central
Alpine-riparian scrub gravelly diorite flood plains, moderately wet	Oxyaquic Gelorthents, sandy-skeletal	diorite
Alpine-riparian scrub gravelly flood plains	Typic Gelorthents, sandy-skeletal	
Alpine-riparian scrub gravelly flood plains, cool	Typic Gelorthents, sandy-skeletal	cool
Alpine-riparian scrub gravelly flood plains, moderately wet	Oxyaquic Gelorthents, sandy-skeletal	
Alpine-riparian scrub gravelly flood plains, warm	Typic Cryorthents, sandy-skeletal	South Central
Alpine-riparian scrub gravelly schist flood plains	Typic Gelorthents, sandy-skeletal	schist
Alpine-riparian scrub gravelly schist flood plains, moderately wet	Oxyaquic Gelorthents, sandy-skeletal	schist
Alpine-riparian scrub loamy diorite low flood plains, wet	Typic Cryaquents, coarse-loamy over sandy-skeletal	diorite
Alpine-riparian scrub loamy flood plains	Typic Gelifluvents, coarse-loamy over sandy-skeletal	
Alpine-riparian scrub loamy flood plains, warm	Typic Cryofluvents, coarse-loamy over sandy-skeletal	cool
Alpine-riparian scrub loamy flood plains, wet	Typic Gelaquents, coarse-loamy over sandy-skeletal	
Alpine-riparian scrub loamy schist flood plains	Typic Gelifluvents, coarse-loamy over sandy-skeletal	schist
Alpine-riparian scrub loamy schist flood plains, wet	Typic Gelaquents, coarse-loamy over sandy-skeletal	schist
Alpine-riparian scrub loamy wet diorite low flood plains, cool	Typic Gelaquents, coarse-loamy over sandy-skeletal	diorite
Alpine-riparian scrub loamy wet flood plains, warm	Typic Cryaquents, coarse-loamy over sandy-skeletal	cool
Alpine-scrub gravelly circles, frozen	Ruptic-Histic Aquiturbels, coarse-loamy	Nenana Gravels
Alpine-scrub gravelly colluvial slopes	Typic Eutrogelepts, loamy-skeletal	warm
Alpine-scrub gravelly colluvial slopes, warm	Andic Dystrocryepts, loamy-skeletal	warm
Alpine-scrub gravelly diorite till slopes	Typic Haplogelods, loamy-skeletal	diorite

Table 17. Cross-walk Between Common Component Names and Soil Names—Continued

Common component name	Soil taxonomic name	Phase name
Alpine-scrub gravelly diorite till slopes, frozen	Typic Historthels, loamy-skeletal	diorite
Alpine-scrub gravelly moraines, calcareous	Typic Gelorthents, loamy-skeletal	
Alpine-scrub gravelly outwash slopes	Typic Haplogelods, sandy-skeletal	
Alpine-scrub gravelly schist circles, Kuskokwim Mountains	Ruptic-Histic Aquiturbels, loamy-skeletal	Kuskokwim Mountains
Alpine-scrub gravelly schist circles, frozen	Ruptic-Histic Aquiturbels, loamy-skeletal	
Alpine-scrub gravelly schist colluvial slopes	Typic Dystrogelepts, loamy-skeletal	schist
Alpine-scrub gravelly schist colluvial slopes, thick surface	Typic Dystrogelepts, loamy-skeletal	schist, thick surface
Alpine-scrub gravelly schist colluvial toeslopes, frozen	Typic Historthels, coarse-loamy	schist
Alpine-scrub gravelly schist terraces	Typic Haplogelods, sandy-skeletal	schist
Alpine-scrub gravelly slopes	Typic Haplogelods, loamy-skeletal	Nenana Gravels
Alpine-scrub gravelly terraces	Typic Haplogelods, sandy-skeletal	terraces
Alpine-scrub gravelly till circles, frozen	Ruptic-Histic Aquiturbels, coarse-loamy	
Alpine-scrub gravelly till hummocks	Aquandic Haplocryods, loamy-skeletal	
Alpine-scrub gravelly till slopes	Typic Haplogelods, loamy-skeletal	
Alpine-scrub gravelly till slopes, frozen	Typic Historthels, loamy-skeletal	steep
Alpine-scrub gravelly till slopes, warm	Andic Dystrocryepts, loamy-skeletal	
Alpine-scrub gravelly wet till swales	Typic Cryaquands, medial over loamy-skeletal	
Alpine-scrub loamy diorite terraces, frozen	Typic Historthels, coarse-loamy over sandy-skeletal	diorite
Alpine-scrub loamy terraces	Typic Haplogelods, coarse-loamy over sandy-skeletal	
Alpine-scrub mosaic gravelly colluvial schist slopes	Typic Dystrogelepts, loamy-skeletal	schist, summits
Alpine-scrub mosaic gravelly diorite terraces	Typic Haplogelods, sandy- skeletal	diorite
Alpine-scrub mosaic gravelly slopes	Typic Eutrogelepts, loamy-skeletal	Nenana Gravels
Alpine-scrub mosaic gravelly till drains	Aquandic Cryaquepts, loamy-skeletal	
Alpine-scrub mosaic gravelly till slopes	Typic Eutrogelepts, loamy-skeletal	till summits
Alpine-scrub organic mounds, frozen	Glacic Folistels, dysic	
Alpine-scrub silty fan terraces	(Oxyaquic) Humic Eutrogelepts, coarse-silty over sandy-skeletal	
Alpine-scrub-meadow mosaic gravelly colluvial slopes	Humic Vitricryands, medial-skeletal	
Alpine-scrub-meadow mosaic gravelly diorite colluvial slopes	Andic Dystrocryepts, loamy-skeletal	diorite depressions
Alpine-scrub-meadow mosaic gravelly diorite swales	(Oxyaquic) Humic Eutrogelepts, loamy-skeletal	diorite
Alpine-scrub-meadow mosaic gravelly schist swales	(Oxyaquic) Humic Eutrogelepts, loamy-skeletal	schist
Alpine-scrub-meadow mosaic gravelly swales	(Oxyaquic) Typic Haplogelolls, loamy-skeletal	
Alpine-scrub-meadow mosaic gravelly till swales	(Oxyaquic) Humic Eutrogelepts, coarse-loamy	
Alpine-scrub-meadow mosaic silty till slopes	Andic Dystrocryepts, loamy-skeletal	till
Alpine-scrub-sedge gravelly schist hummocks, frozen	Typic Histoturbels, loamy-skeletal	Kuskokwim Mountains
Alpine-scrub-sedge gravelly slopes, frozen	Typic Historthels, loamy-skeletal	Nenana Gravels, cool
Alpine-scrub-sedge gravelly till slopes, frozen	Typic Historthels, loamy-skeletal	cool
Alpine-scrub-sedge loamy terraces, frozen	Typic Historthels, coarse-loamy over sandy-skeletal	cool
Alpine-scrub-sedge silty hummocks, frozen	Typic Histoturbels, coarse-silty	mica rich, steps
Alpine-scrub-sedge-gravelly schist hummocks, frozen	Typic Histoturbels, loamy-skeletal	schist, steps
Alpine-sedge bog organic depressions, frozen	Terric Fibristels, loamy	
Alpine-sedge wet meadow organic depressions	Cryohemists, euic	
Alpine-sedge wet meadow organic depressions, frozen	Terric Fibristels, loamy	
Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen	Typic Aquiturbels, loamy-skeletal	
Alpine-sedge-dwarf scrub gravelly schist slopes, frozen	Typic Historthels, loamy-skeletal	schist swales
Alpine-sedge-dwarf scrub gravelly swales, frozen	Typic Historthels, loamy-skeletal	swales

Table 17. Cross-walk Between Common Component Names and Soil Names--Continued

Common name	Soil taxonomic name	Phase name
Alpine-tussock-scrub gravelly schist slopes, frozen	Typic Histoturbels, loamy-skeletal	cool
Alpine-tussock-scrub mica rich silty slopes, Kuskokwim Mountains	Typic Histoturbels, coarse-silty	Kuskokwim Mountains
Alpine-tussock-scrub mica rich silty slopes, frozen	Typic Histoturbels, coarse-silty	mica rich, cool
Alpine-tussock-scrub silty loess slopes, frozen	Typic Histoturbels, coarse-silty	cool
Alpine-wet meadow gravelly pond margins	Histic Cryaquepts, loamy-skeletal	kettles
Boreal-bog organic depressions	Hydric Cryofibrists, dysic	
Boreal-forested gravelly colluvial slopes, dissected	Typic Eutrocryepts, coarse-loamy	
Boreal-forested gravelly fan terraces	Spodic Dystrocryepts, sandy-skeletal	warm
Boreal-forested gravelly outwash slopes	Typic Eutrocryepts, sandy-skeletal	
Boreal-forested gravelly schist colluvial slopes	Typic Dystrocryepts, loamy-skeletal	schist, warm
Boreal-forested gravelly schist terraces	Typic Haplocryods, loamy-skeletal	schist
Boreal-forested gravelly terraces	Typic Eutrocryepts, sandy-skeletal	terraces
Boreal-forested gravelly till slopes	Typic Haplocryods, loamy-skeletal	
Boreal-forested gravelly till slopes, moderately wet	Oxyaquic Eutrocryepts, coarse-loamy	
Boreal-forested gravelly warm till slopes	Typic Eutrocryepts, loamy-skeletal	
Boreal-forested loamy fan terraces	Oxyaquic Eutrocryepts, coarse-loamy	terraces
Boreal-forested mica rich silty loess slopes	Typic Eutrocryepts, coarse-silty	
Boreal-forested sandy hills	Typic Haplocryods, sandy	
Boreal-forested silty schist slopes, wet	Humic Cryaquepts, loamy-skeletal	
Boreal-forested silty till slopes, ash influenced, warm	Andic Humicryods, medial over loamy-skeletal	till, warm
Boreal-forested silty wet till slopes, ash influenced	Thaptic Cryaquands, medial over loamy	
Boreal-loamy wet meadows	Humic Cryaquepts, coarse-loamy	
Boreal-meadow loamy outwash slope depressions	Oxyaquic Eutrocryepts, coarse-silty over sandy-skeletal	
Boreal-riparian fen organic depressions	Terric Cryohemists, loamy	
Boreal-riparian forested gravelly fans	Typic Cryorthents, loamy-skeletal	fans
Boreal-riparian forested gravelly flood plains	Typic Cryorthents, sandy-skeletal	Kuskokwim Plains
Boreal-riparian forested gravelly high flood plains	Typic Cryorthents, sandy-skeletal	flood plains
Boreal-riparian forested gravelly high flood plains, Cook Inlet	Typic Cryorthents, sandy-skeletal	Cook Inlet
	Typic Cryorthents, sandy-skeletal	flood plains
Boreal-riparian forested gravelly high flood plains, Yukon-Kuskokwim	Typic Cryorthents, sandy-skeletal	flood plains, Kuskokwim Plains
Boreal-riparian forested gravelly schist flood plains	Typic Cryorthents, sandy-skeletal	schist
Boreal-riparian forested hardwood gravelly flood plains	Typic Cryorthents, sandy-skeletal	dry, Cook Inlet
Boreal-riparian forested loamy flood plains	Typic Cryofluvents, coarse-loamy over sandy-skeletal	rarely flooded
Boreal-riparian forested loamy flood plains, Yukon-Kuskokwim	Typic Cryofluvents, coarse-loamy over sandy-skeletal	Kuskokwim Plains
Boreal-riparian forested loamy flood plains, frozen	Fluventic Haplorthels, coarse-loamy	
Boreal-riparian forested loamy flood plains, frozen, thick surface	Fluventic Haplorthels, coarse-loamy	thick surface
Boreal-riparian forested loamy flood plains, moderately wet	Aquic Cryofluvents, coarse-loamy over sandy-skeletal	
Boreal-riparian forested loamy flood plains, very wet	Typic Cryaquents, coarse-loamy over sandy-skeletal	moderately wet
Boreal-riparian forested loamy high flood plains	Typic Cryofluvents, coarse-loamy over sandy-skeletal	high flood plains
Boreal-riparian forested loamy schist flood plains	Typic Cryofluvents, coarse-loamy over sandy-skeletal	schist, flood plains
Boreal-riparian forested loamy wet flood plains, Cook Inlet	Aquic Cryofluvents, coarse-loamy over sandy-skeletal	Cook Inlet
Boreal-riparian forested loamy wet flood plains, frozen	Fluvaquentic Historthels, coarse-loamy	
Boreal-riparian forested mica-rich loamy flood plains, frozen	Fluventic Haplorthels, coarse-loamy	
Boreal-riparian scrub gravelly diorite flood plains, moderately wet	Oxyaquic Cryorthents, sandy-skeletal	diorite
Boreal-riparian scrub gravelly flood plains	Typic Cryorthents, sandy-skeletal	
Boreal-riparian scrub gravelly flood plains, moderately wet	Oxyaquic Cryorthents, sandy-skeletal	
Boreal-riparian scrub gravelly flood plains, moderately wet and warm	Oxyaquic Cryorthents, sandy-skeletal	South Central
Boreal-riparian scrub gravelly flood plains, wet	Typic Cryaquents, sandy-skeletal	
Boreal-riparian scrub gravelly schist flood plains, moderately wet	Oxyaquic Cryorthents, sandy-skeletal	schist
Boreal-riparian scrub loamy flood plains	Typic Cryofluvents, coarse-loamy over sandy-skeletal	

Table 17. Cross-walk Between Common Component Names and Soil Names--Continued

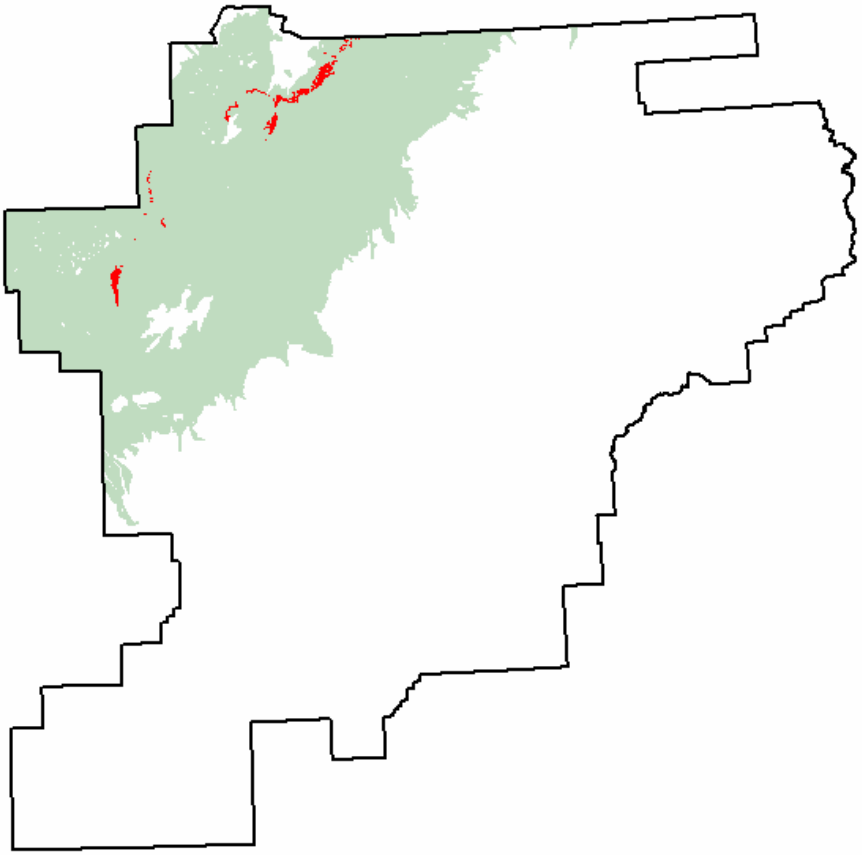
Common name	Soil taxonomic name	Phase name
Boreal-riparian scrub loamy schist flood plains	Typic Cryofluvents, coarse-loamy over sandy-skeletal	schist
Boreal-riparian scrub loamy schist flood plains, wet	Typic Cryaquents, coarse-loamy over sandy-skeletal	schist
Boreal-riparian scrub loamy wet flood plains	Typic Cryaquents, coarse-loamy over sandy-skeletal	
Boreal-riparian scrub loamy wet flood plains, Cook Inlet	Typic Cryaquents, coarse-loamy over sandy-skeletal	Cook Inlet
Boreal-riparian scrub mica rich silty drains, frozen	Fluvaquentic Historthels, coarse-silty	Kuskokwim Plains
Boreal-riparian wet meadow organic flood plains, Cook inlet	Terric Cryofibrists, euic	wet
Boreal-riparian scrub organic flood plains, wet	Terric Cryofibrists, euic	
Boreal-riparian scrub silty drains, frozen	Fluvaquentic Historthels, coarse-silty	Kuskokwim Plains
Boreal-riparian scrub silty flood plains, wet	Typic Cryaquents, coarse-silty	
Boreal-riparian tall scrub silty frozen drains	Fluvaquentic Aquorthels, coarse-silty	
Boreal-riparian tall scrub silty frozen drains, Yukon-Kuskokwim	Fluvaquentic Aquorthels, coarse-silty	Kuskokwim Plains
Boreal-riparian wet meadow organic depressions	Cryofibrists, euic	fens
Boreal-riparian woodland loamy flood plains, wet	Typic Cryaquents, coarse-loamy over sandy-skeletal	Kuskokwim Plain
Boreal-sedge bog organic depressions	Typic Cryofibrists, dysic	
Boreal-sedge/sphagnum bog organic depressions	Cryofibrists, euic	
Boreal-taiga deep loamy terraces, frozen	Typic Historthels, coarse-loamy	terraces, deep
Boreal-taiga gravelly alluvial plains, wet	Histic Cryaquepts, loamy-skeletal	
Boreal-taiga gravelly schist slopes, frozen	Typic Historthels, loamy-skeletal	schist
Boreal-taiga gravelly slopes, frozen	Typic Historthels, loamy-skeletal	Nenana Gravels
Boreal-taiga gravelly till slopes, frozen	Typic Historthels, loamy-skeletal	
Boreal-taiga high elevation loamy terraces, frozen	Typic Historthels, coarse-loamy	terraces
Boreal-taiga high elevation silty loess hills, frozen	Typic Umbrorthels, coarse-silty	
Boreal-taiga high elevation silty loess slopes, frozen	Typic Historthels, coarse-silty	cool
Boreal-taiga high elevation silty mica rich loess hills, frozen	Typic Umbrorthels, coarse-silty	mica rich
Boreal-taiga loamy channels, frozen	Typic Historthels, coarse-loamy	channels
Boreal-taiga loamy drift slopes, frozen	Typic Historthels, coarse-loamy	drift
Boreal-taiga loamy eolian slopes, frozen	Typic Historthels, coarse-loamy	
Boreal-taiga loamy terraces, frozen	Typic Historthels, coarse-loamy over sandy-skeletal	
Boreal-taiga mica rich loamy channels, frozen	Typic Historthels, coarse-loamy	channels, mica rich
Boreal-taiga mica rich loamy terraces, frozen	Typic Historthels, coarse-loamy	terraces, mica rich
Boreal-taiga mica rich silt loess slopes	Typic Dystrocryepts, loamy-skeletal	thick surface
Boreal-taiga mica rich silty colluvial slopes, frozen	Typic Historthels, coarse-silty	
Boreal-taiga mica rich silty frozen colluvial slopes, Kuskokwim Mountains	Typic Historthels, coarse-silty	Kuskokwim Mountains
Boreal-taiga peat plateaus, frozen	Glacic Folistels, dysic	Kuskokwim Plains
Boreal-taiga peat slopes, frozen	Terric Hemistels, loamy	
Boreal-taiga scrub bog organic depressions	Typic Cryohemists, euic	
Boreal-taiga silty colluvial slopes, frozen	Typic Historthels, coarse-silty	colluvium
Boreal-taiga silty loess hills, frozen	Typic Umbrorthels, coarse-silty	Kuskokwim Plain
Boreal-taiga silty loess slopes, frozen	Typic Historthels, coarse-silty	
Boreal-taiga silty outwash plains, frozen	Typic Historthels, coarse-silty	terraces
Boreal-taiga silty schist slopes, frozen	Typic Historthels, loamy-skeletal	schist, Kuskokwim Mountains
Boreal-taiga/tussock silty frozen loess slopes, Alaska Mountains	Typic Histoturbels, coarse-silty	Alaska Mountains
Boreal-taiga/tussock loamy eolian slopes, frozen	Typic Histoturbels, coarse-loamy	
Boreal-taiga/tussock mica rich silty loess slopes, frozen	Typic Histoturbels, coarse-silty	mica rich
Boreal-taiga/tussock mica rich silty terraces, frozen	Typic Histoturbels, coarse-silty	terraces, mica rich
Boreal-taiga/tussock silty colluvial slopes, frozen	Typic Histoturbels, coarse-silty	colluvium
Boreal-taiga/tussock silty frozen terraces, Alaska Mountains	Typic Histoturbels, coarse-silty	Alaska Mountains
Boreal-taiga/tussock silty loess slopes, frozen	Typic Histoturbels, coarse-silty	
Boreal-taiga/tussock silty terraces, frozen	Typic Histoturbels, coarse-silty	terraces
Boreal-tussock-scrub mica rich silty loess slopes, frozen	Typic Histoturbels, coarse-silty	mica rich, Kuskokwim Mountains
Boreal-woodland bog organic depressions	Fluvaquentic Cryohemists, dysic	
Boreal-woodland gravelly moraines	Typic Eutrocryepts, loamy-skeletal	moraines
Boreal-woodland gravelly terraces	Typic Eutrocryepts, sandy-skeletal	terraces
Interior-nonvegetated rock outcrop, ice, talus, and/or drift	Nonvegetated rock outcrop, ice, talus, and/or drift	
Nonvegetated alluvium	Riverwash	nonvegetated

Table 17. Cross-walk Between Common Component Names and Soil Names--Continued

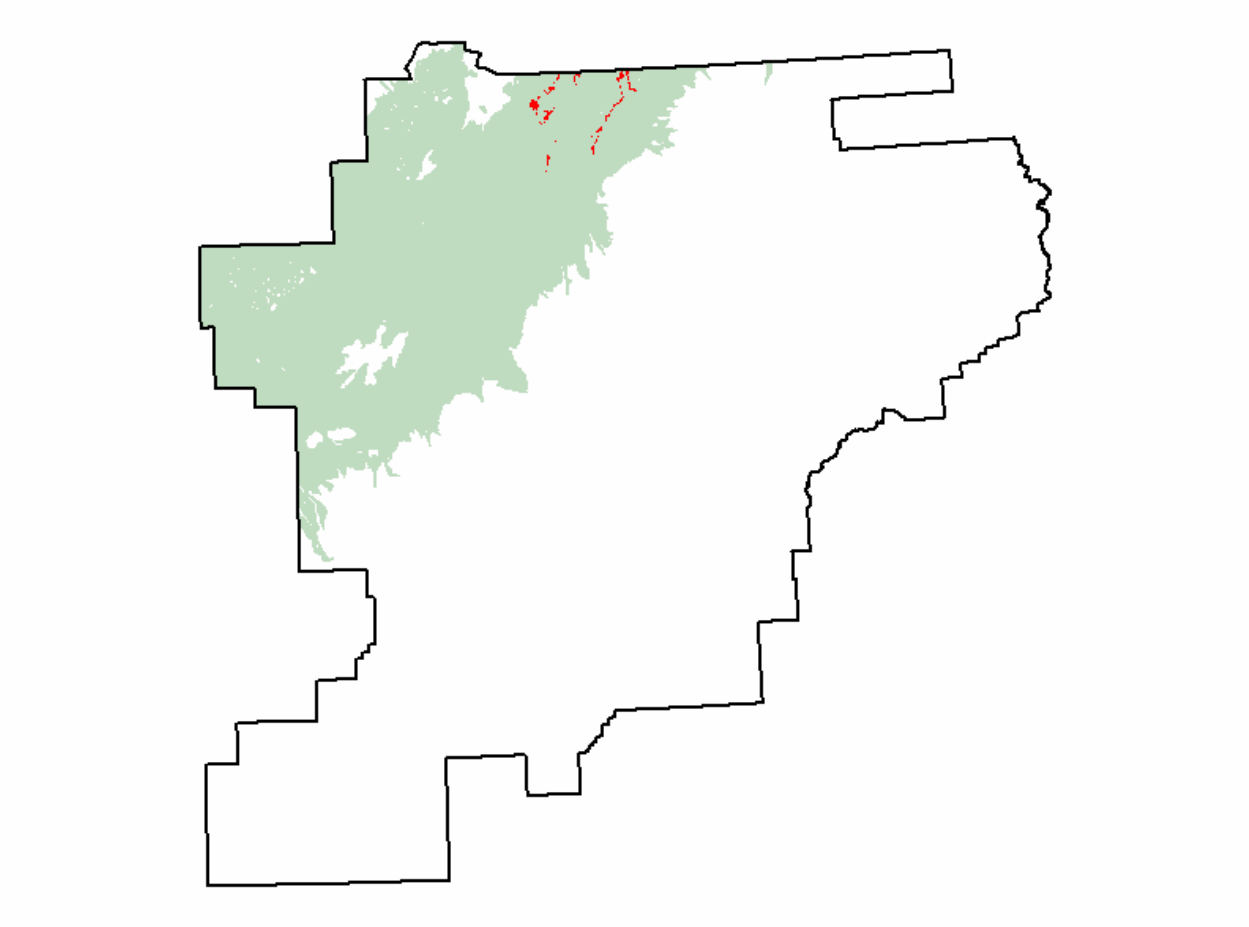
Common name	Soil taxonomic name	Phase name
South Central nonvegetated rock outcrop, ice, talus, and/or drift	Nonvegetated rock outcrop, ice, talus, and/or drift	
Subalpine-forested hardwood gravelly colluvial slopes	Typic Eutrogelepts, loamy-skeletal	dissected
Subalpine-riparian scrub gravelly diorite flood plains	Typic Cryorthents, sandy-skeletal	diorite
Subalpine-riparian scrub gravelly diorite flood plains, moderately wet	Oxyaquic Cryorthents, sandy-skeletal	diorite, South Central
Subalpine-riparian scrub gravelly fan terraces	Typic Cryorthents, sandy-skeletal	fans
Subalpine-riparian scrub loamy diorite flood plains	Typic Cryofluvents, coarse-loamy over sandy-skeletal	diorite
Subalpine-riparian scrub loamy drains	Aquic Cryofluvents, coarse-loamy over sandy-skeletal	cool
Subalpine-riparian wet meadow organic depressions	Terric Cryofibrists, euic	high elevation
Subalpine-scrub gravelly colluvial slopes	Typic Dystrocryepts, loamy-skeletal	
Subalpine-scrub gravelly colluvial slopes, dry	Typic Eutrocryepts, loamy-skeletal	dry
Subalpine-scrub gravelly fan terraces	Spodic Dystrocryepts, sandy-skeletal	
Subalpine-scrub gravelly moraines	Typic Cryorthents, loamy-skeletal	moraines
Subalpine-scrub gravelly schist colluvial slopes	Typic Dystrocryepts, loamy-skeletal	schist
Subalpine-scrub-meadow mosaic dark gravelly swales	Oxyaquic Haplocryolls, coarse-loamy	
Subalpine-scrub-meadow mosaic gravelly colluvial slopes	Andic Humicryods, medial-skeletal	
Subalpine-scrub-meadow mosaic gravelly schist swales	Oxyaquic Eutrocryepts, loamy-skeletal	
Subalpine-scrub-meadow mosaic gravelly swales, Nenana Gravels	Oxyaquic Eutrocryepts, coarse-loamy	till, Nenana Gravels
Subalpine-scrub-meadow mosaic gravelly till swales	Oxyaquic Eutrocryepts, coarse-loamy	drift
Subalpine-scrub-meadow mosaic silty till slopes	Andic Humicryods, medial over loamy-skeletal	till
Water	Water	

Map Unit Distribution Maps and Photos

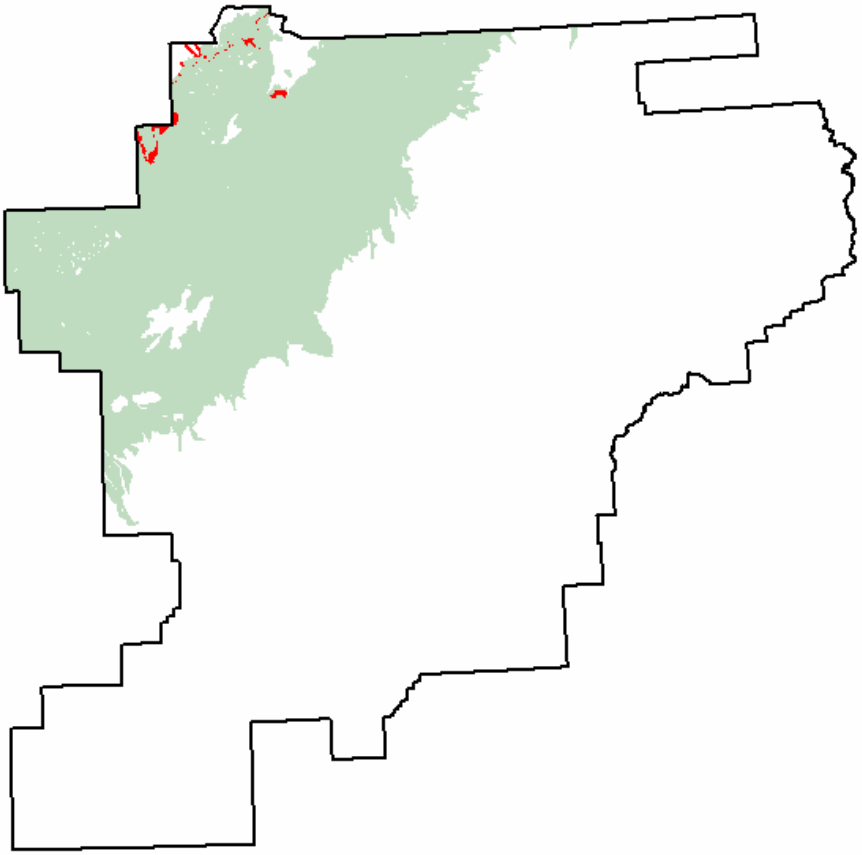
Distribution of map unit 1FP (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo (mid-ground).



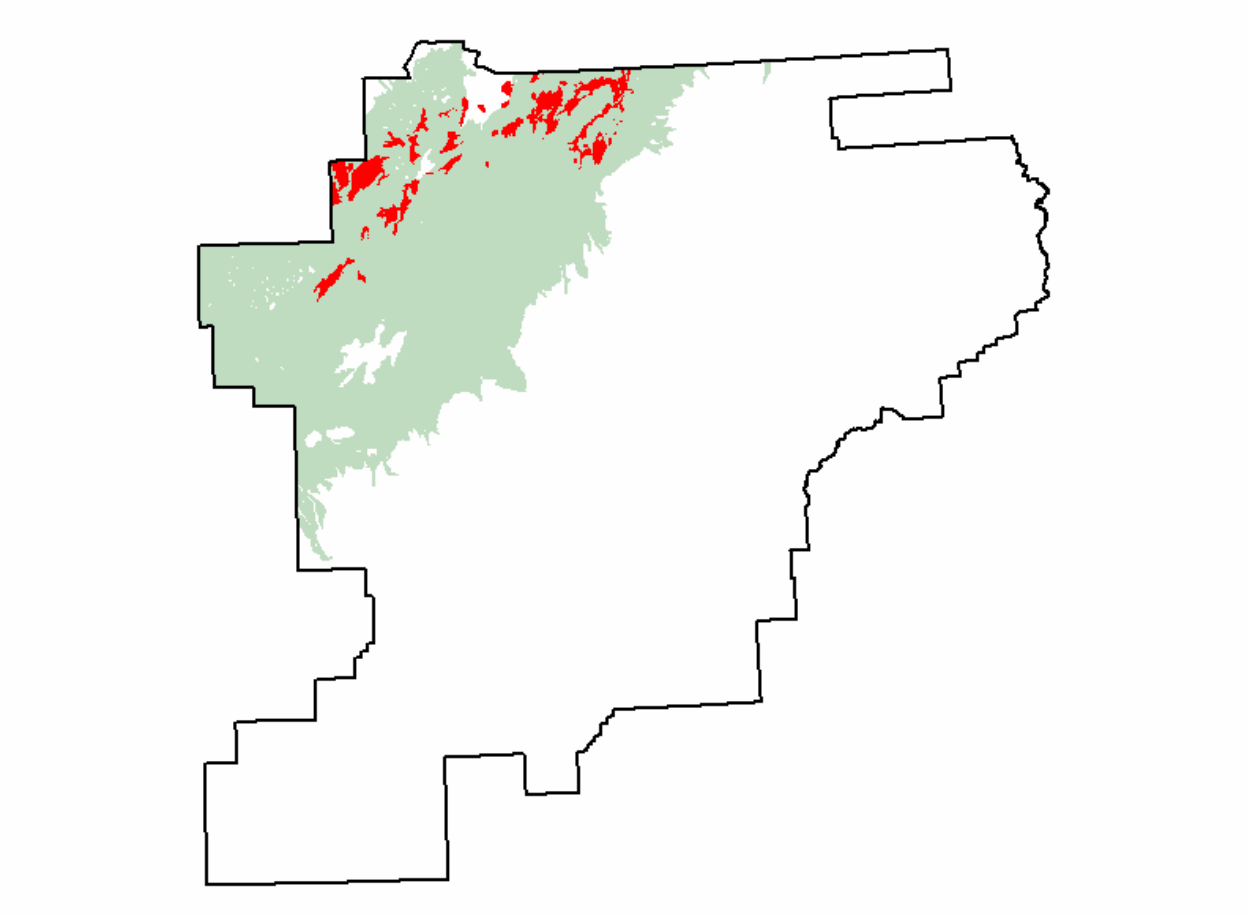
Distribution of map unit 1FP2 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



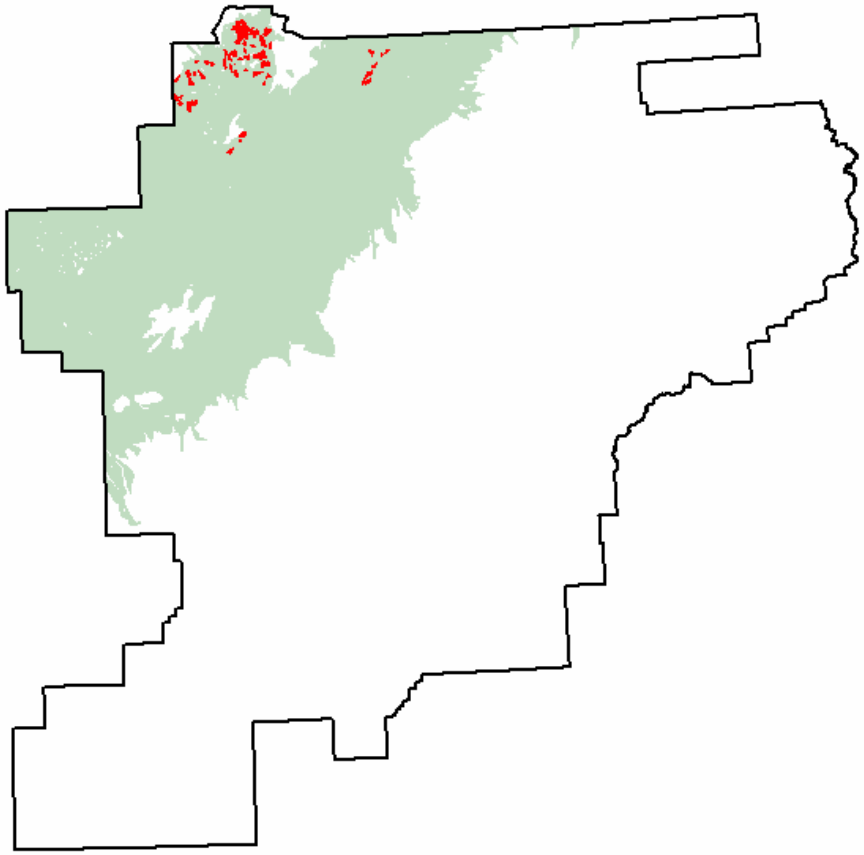
Distribution of map unit 1FP4 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



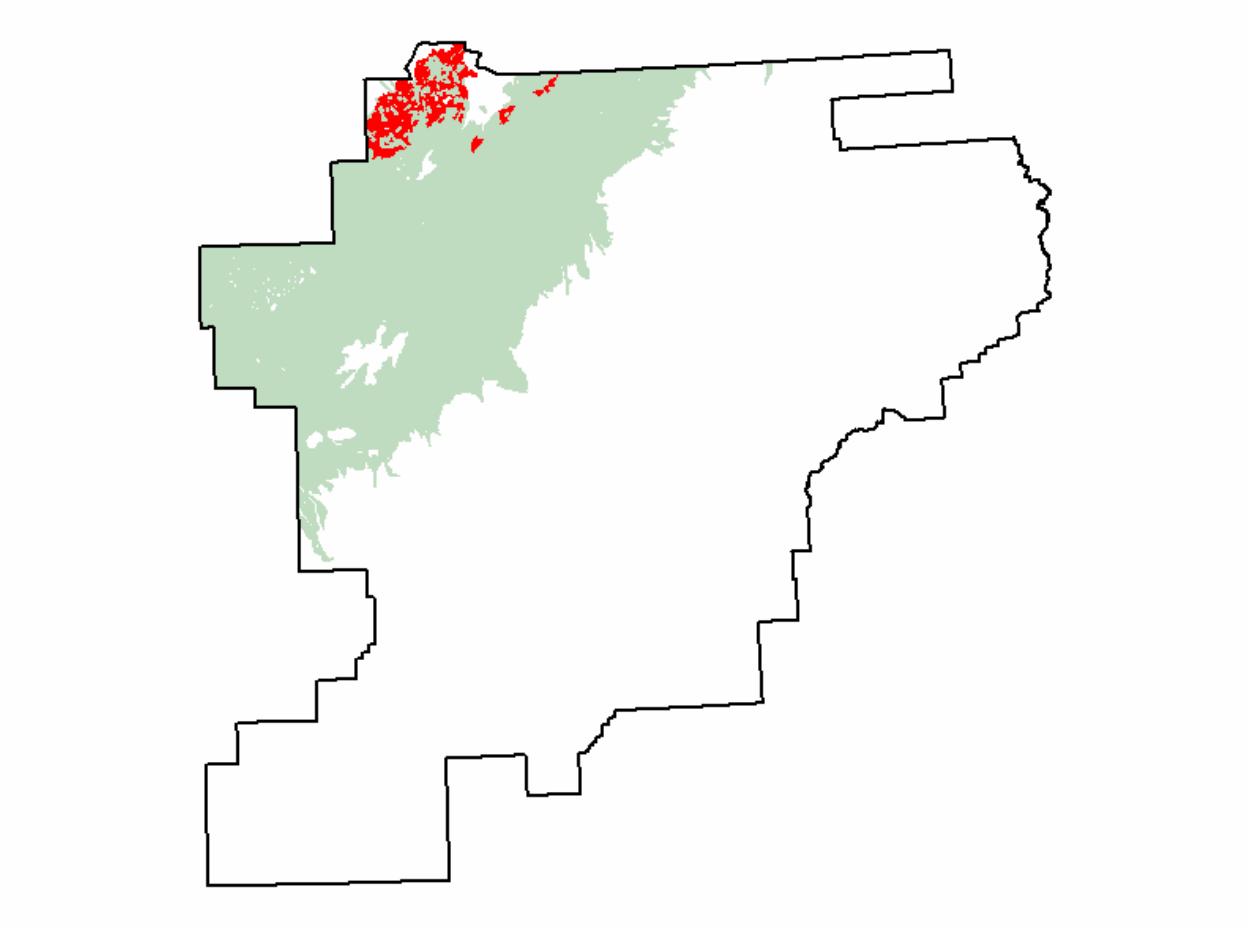
Distribution of map unit 1FW1 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



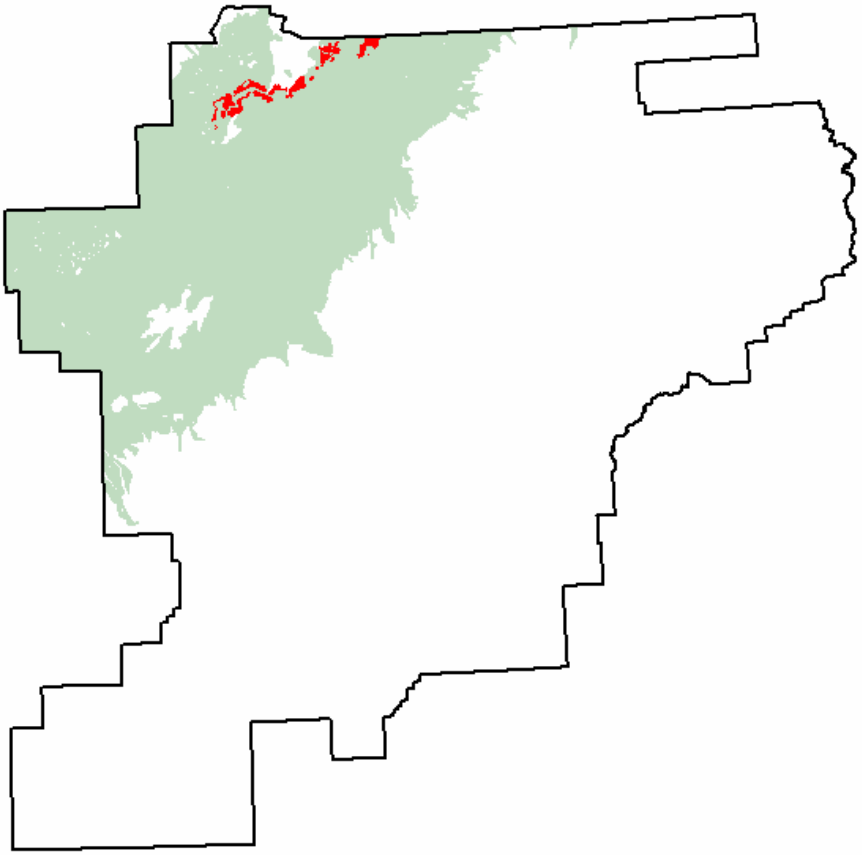
Distribution of map unit 1ST (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.

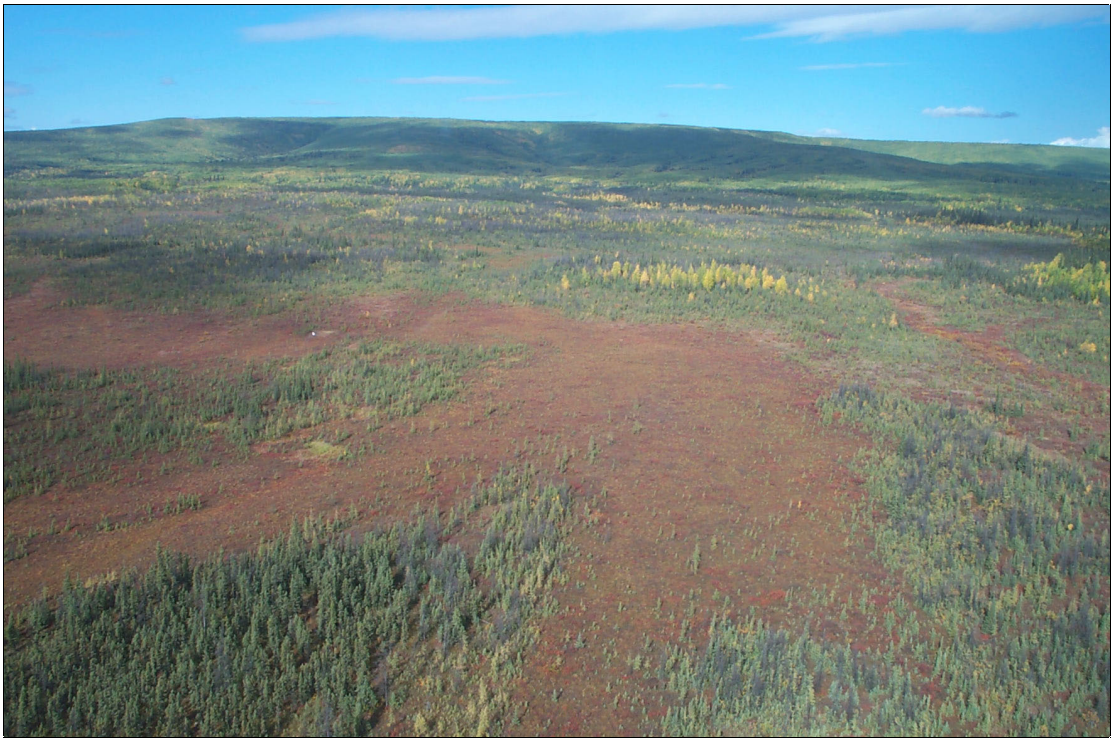


Distribution of map unit 1ST1 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.

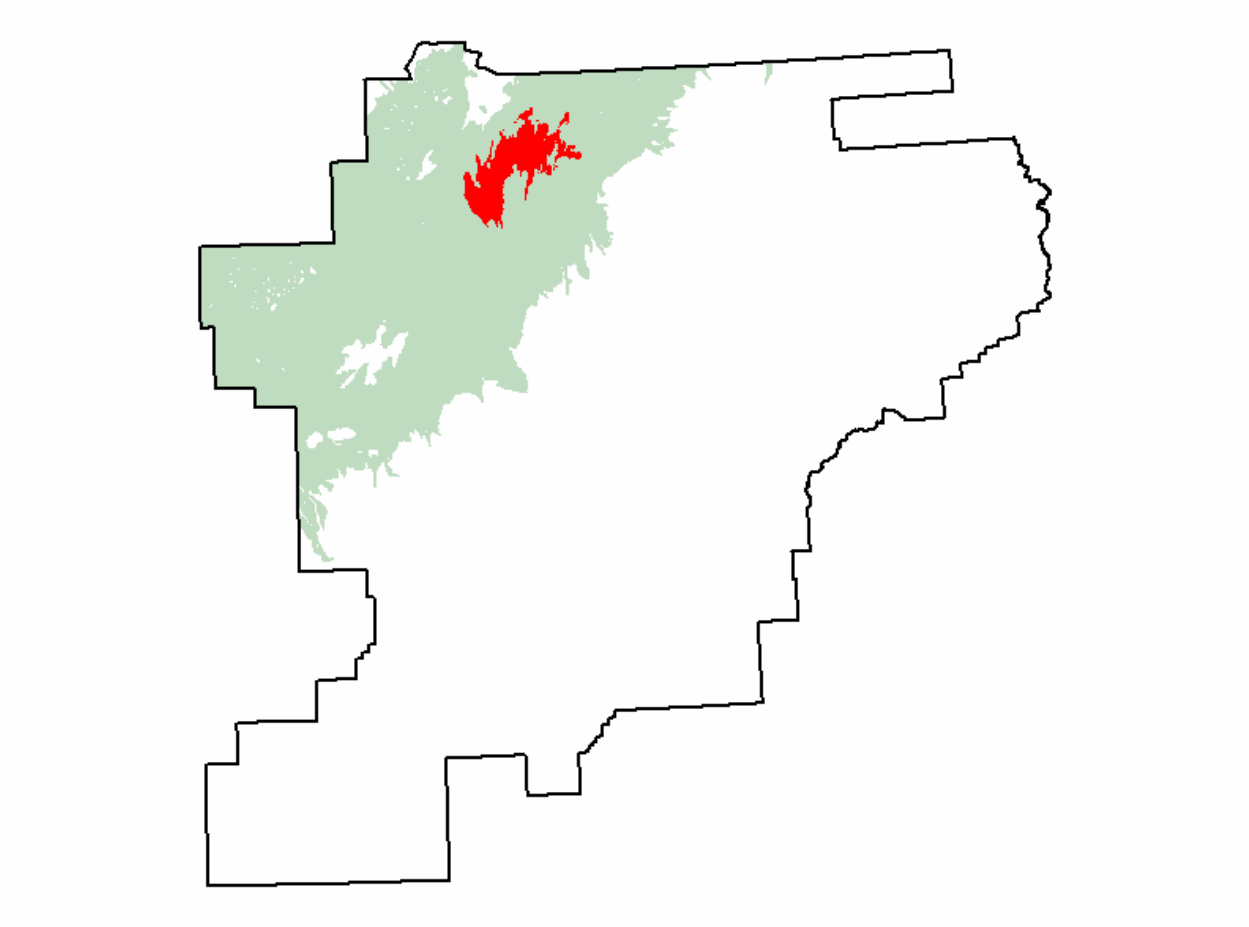


Distribution of map unit 1STW (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.

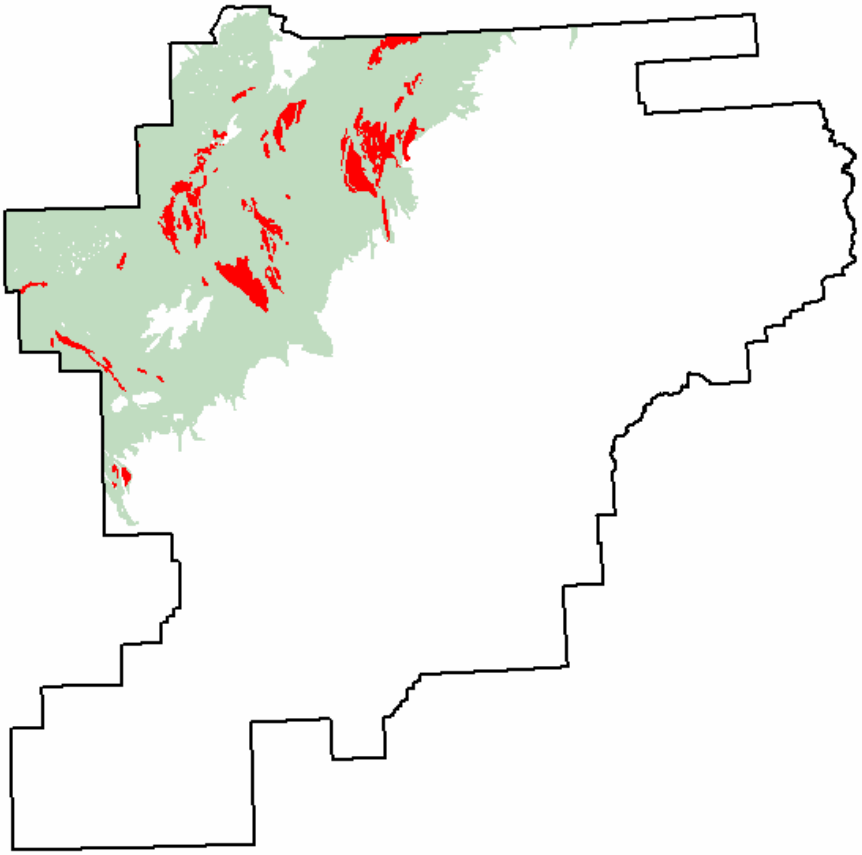




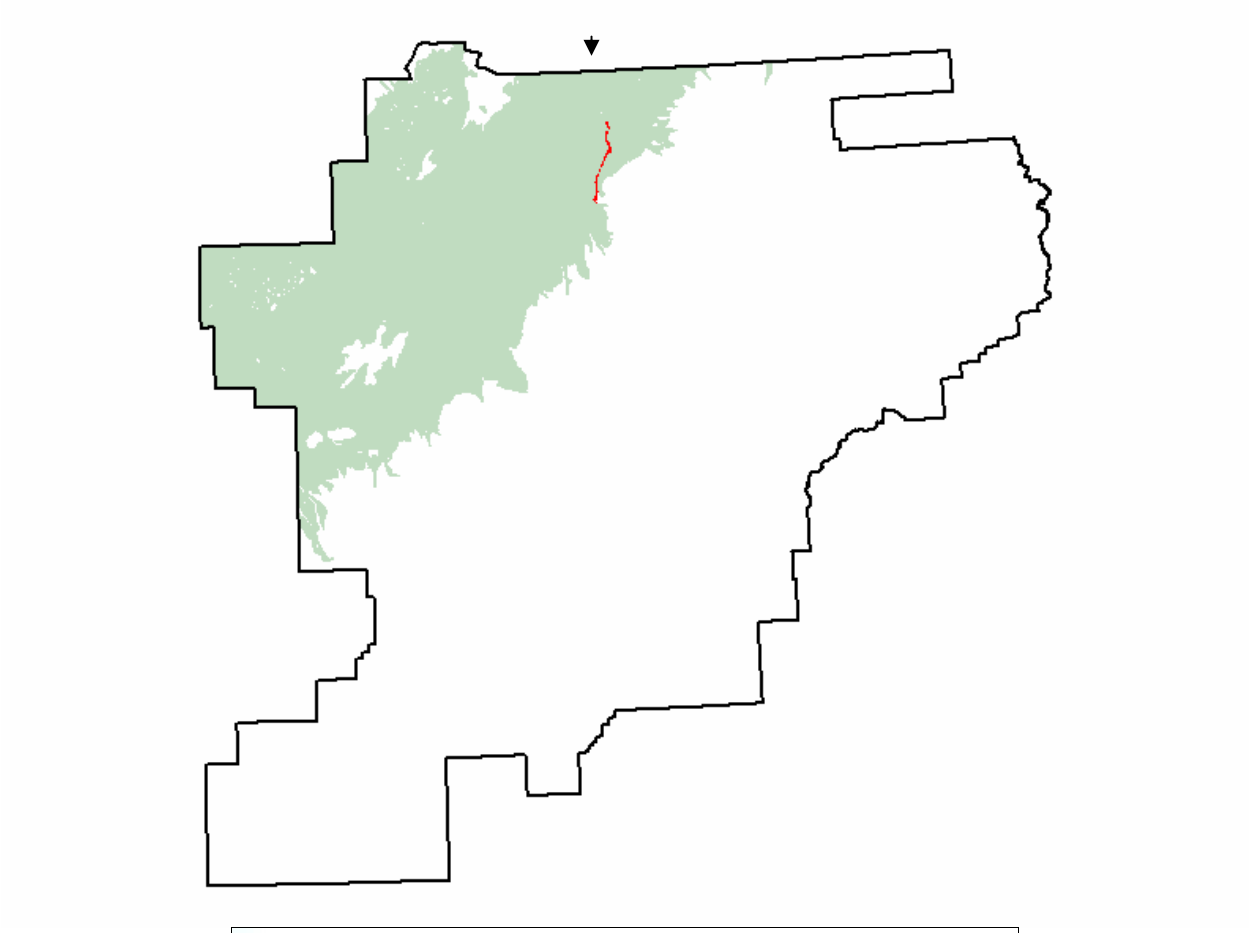
Distribution of map unit 1STW2 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



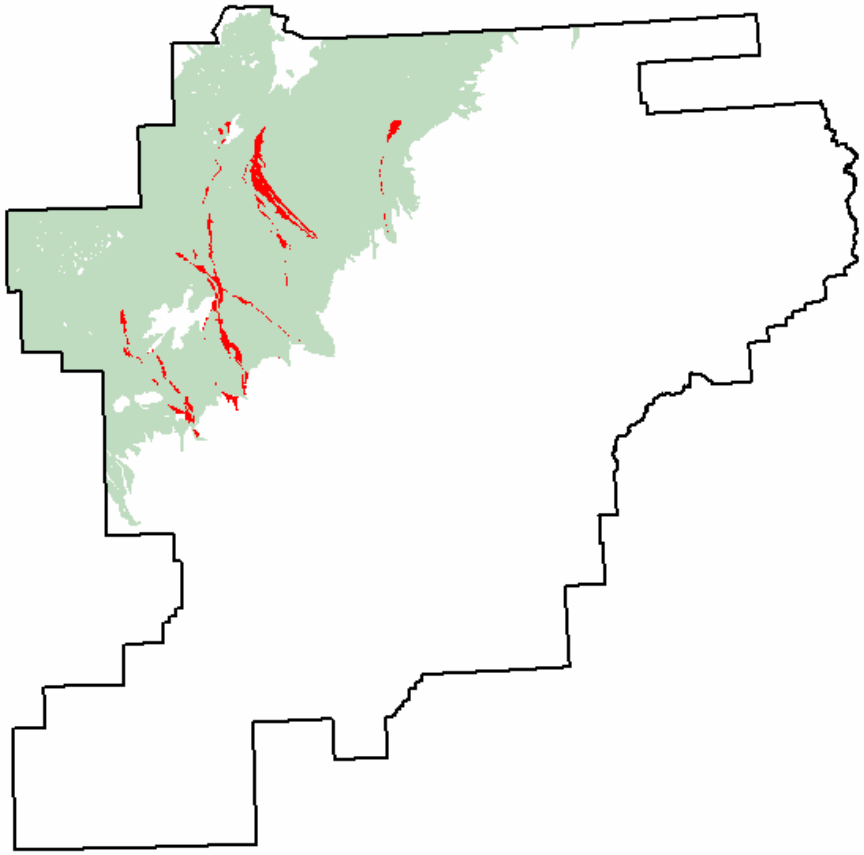
Distribution of map unit 2FG (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



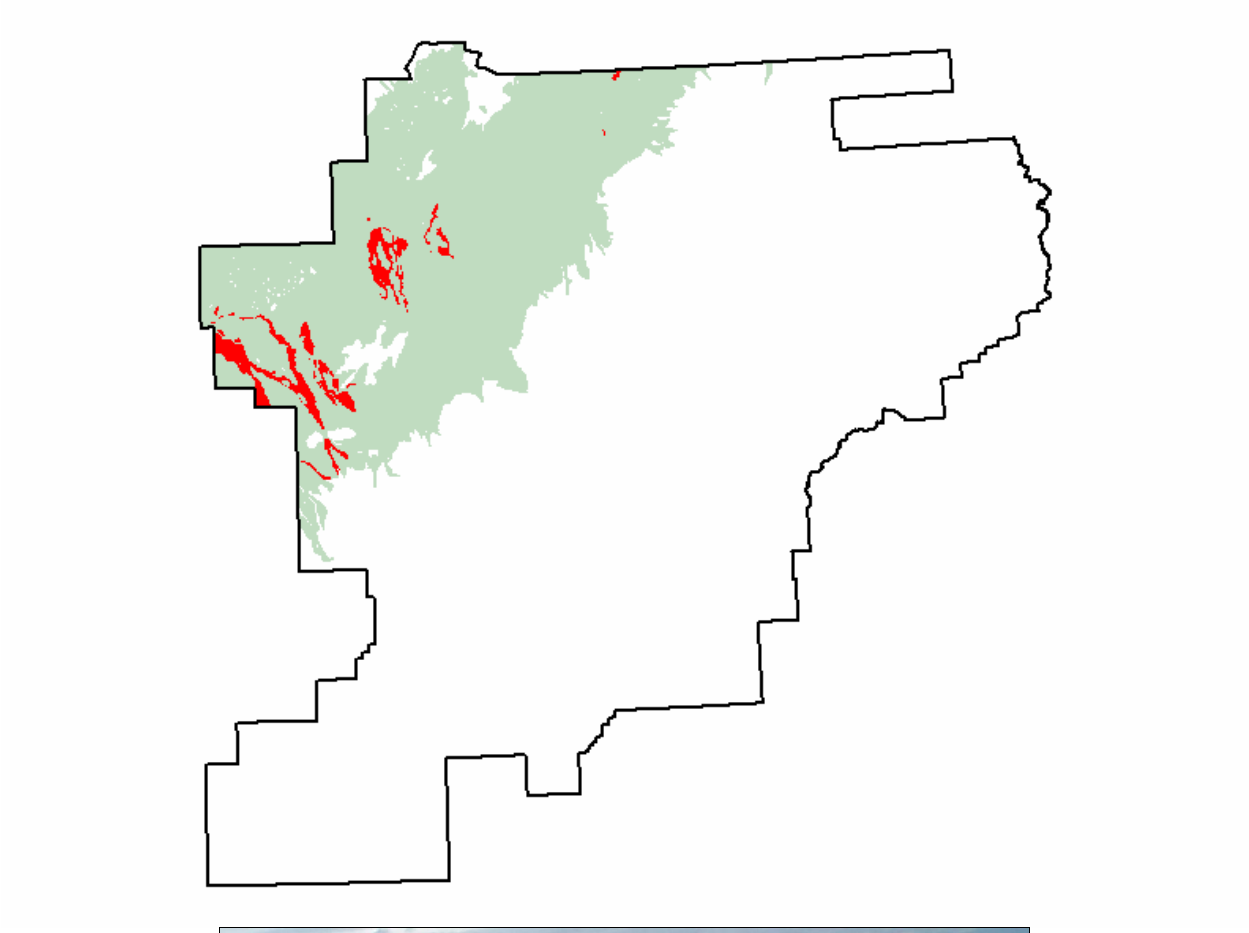
Distribution of map unit 2FP2 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



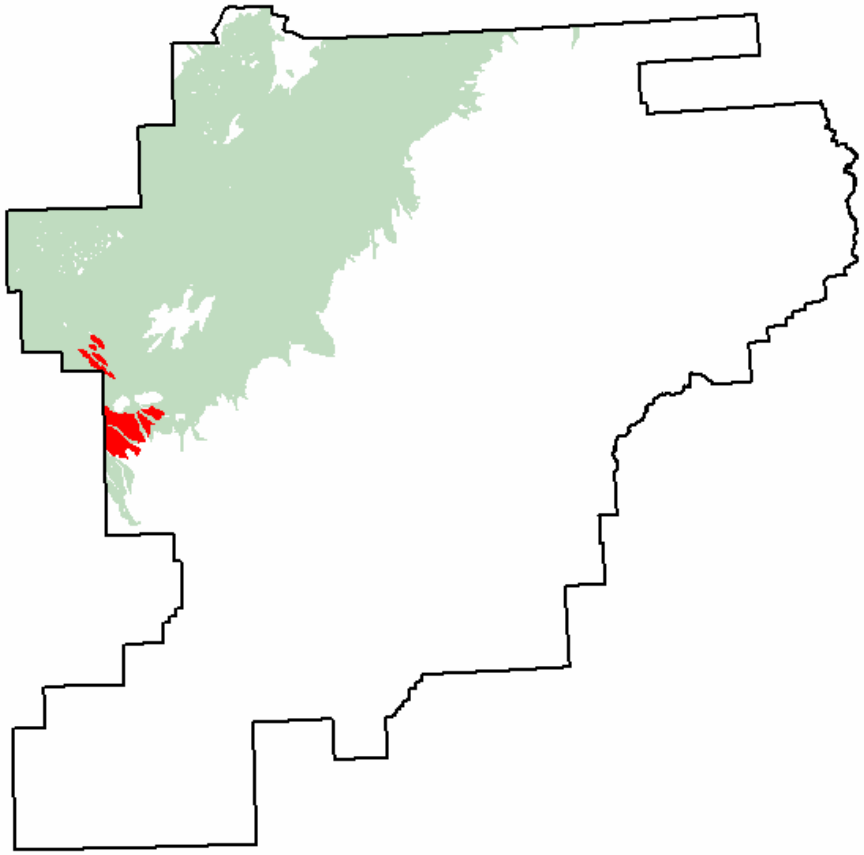
Distribution of map unit 2FP3 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.

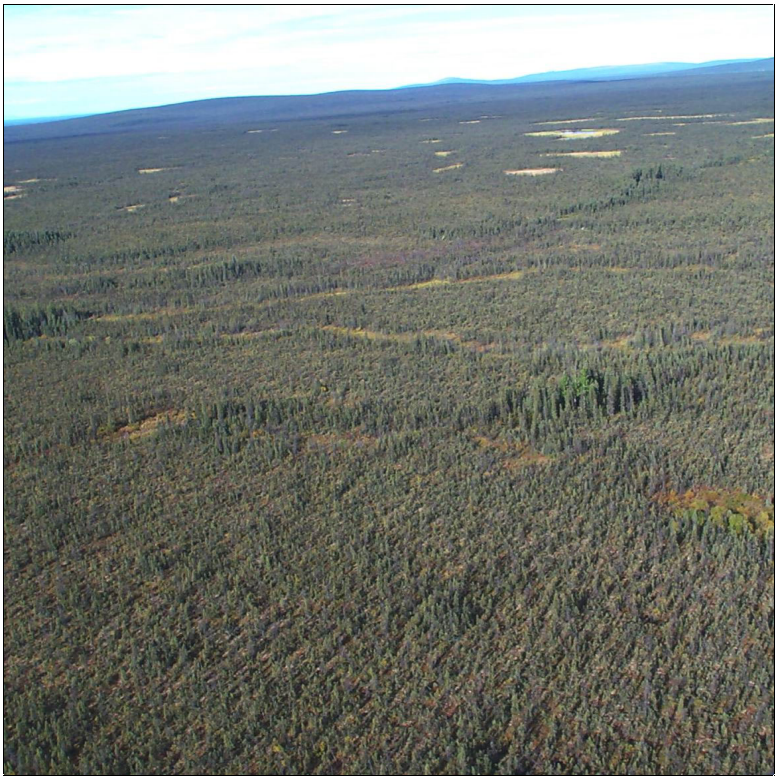


Distribution of map unit 2FW2 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.

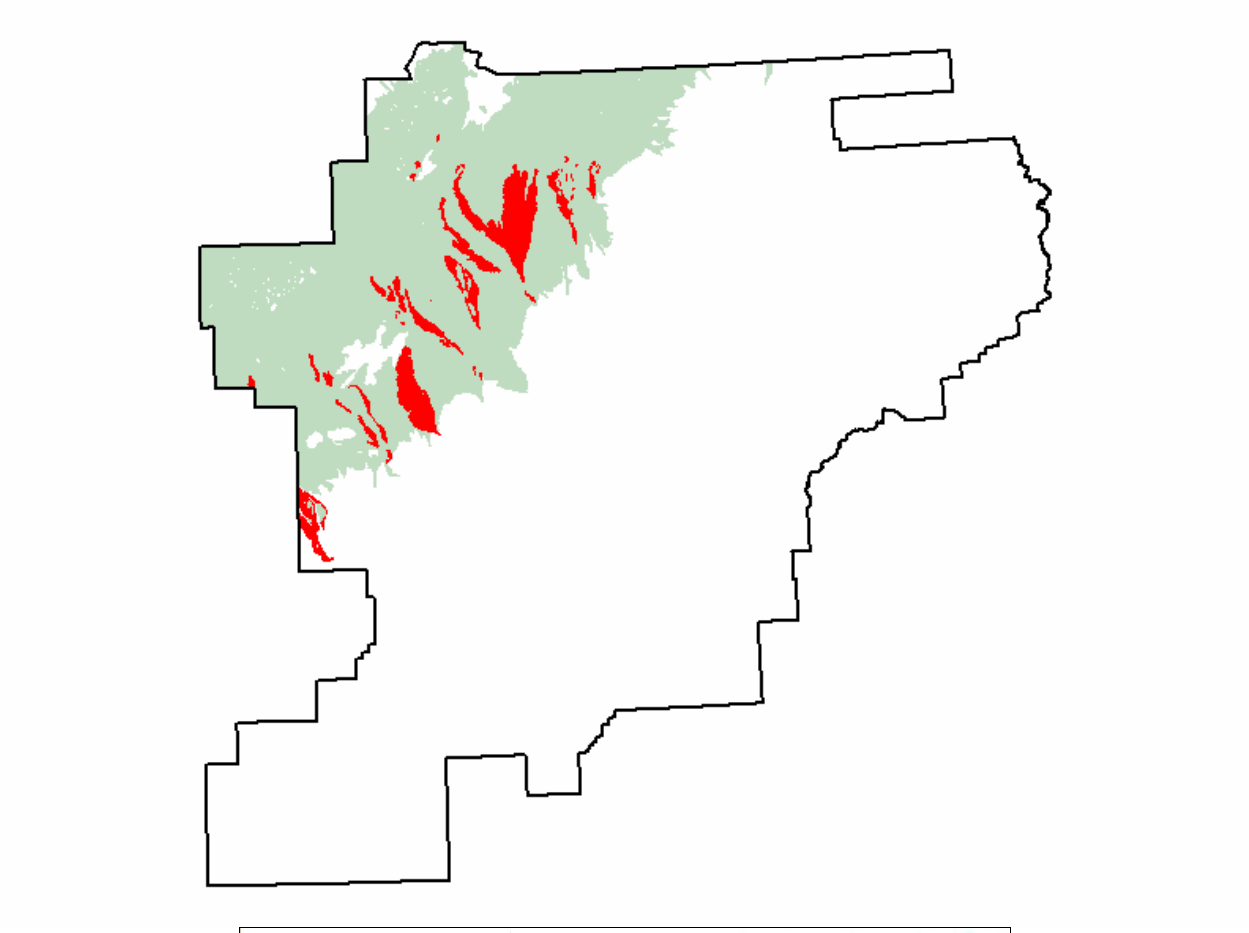


Distribution of map unit 2P (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.

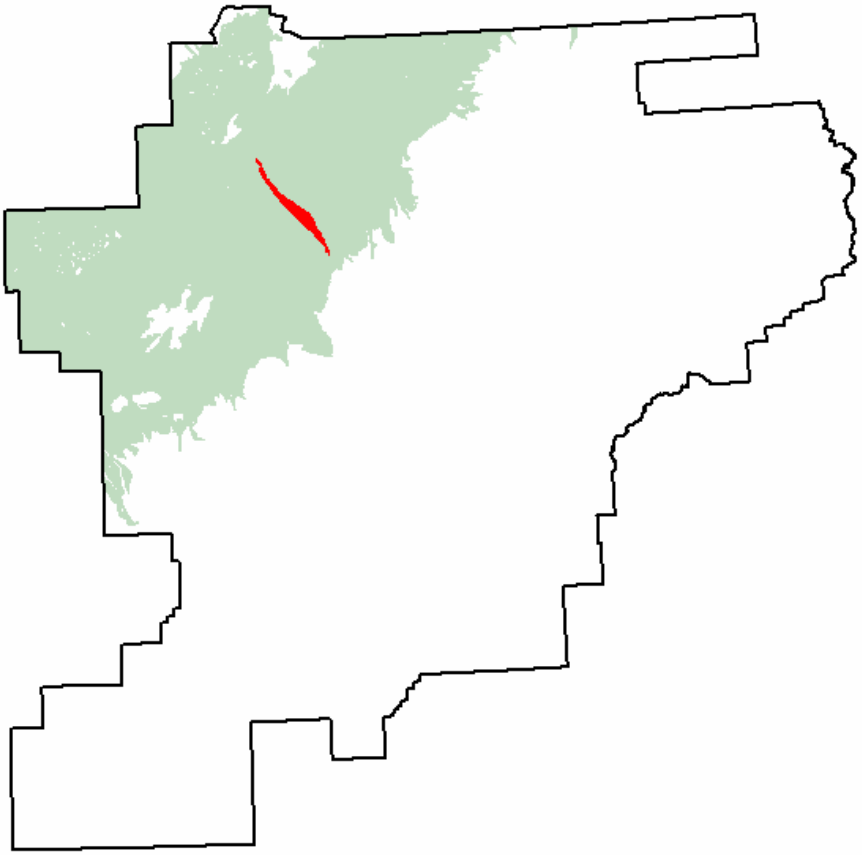




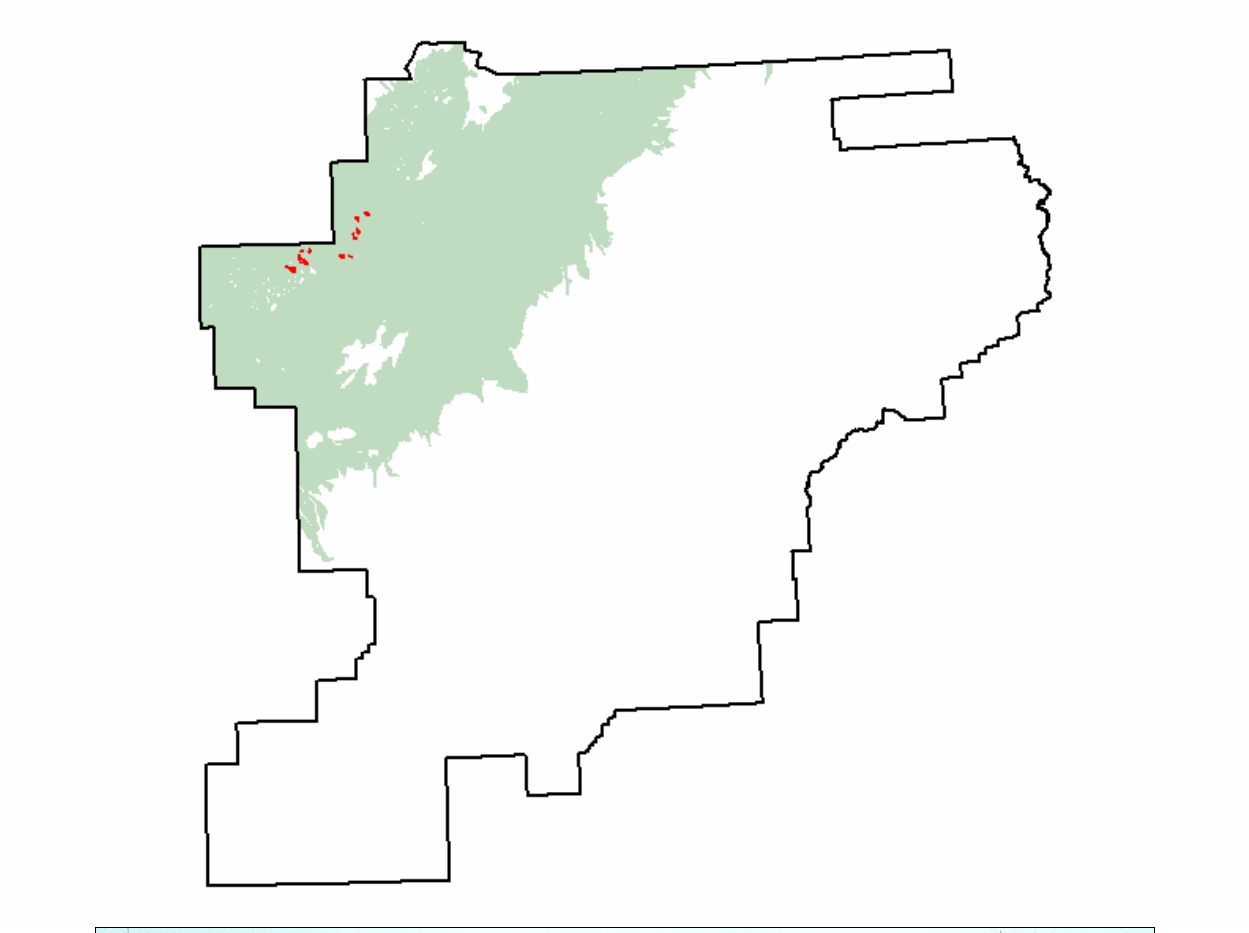
Distribution of map unit 2ST (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



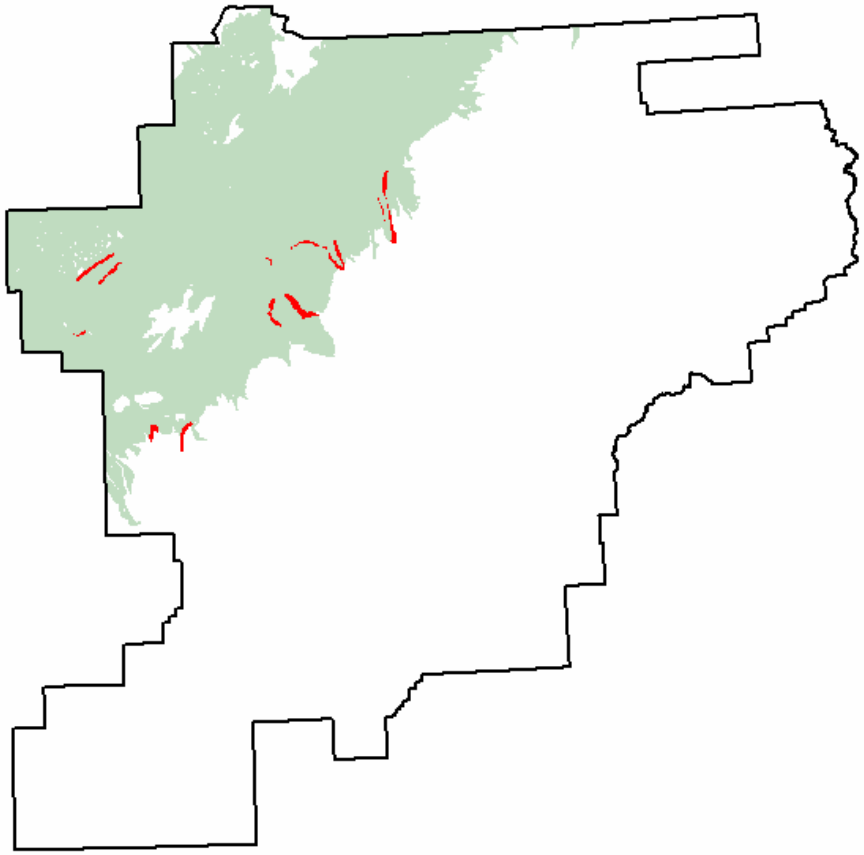
Distribution of map unit 2ST2 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.

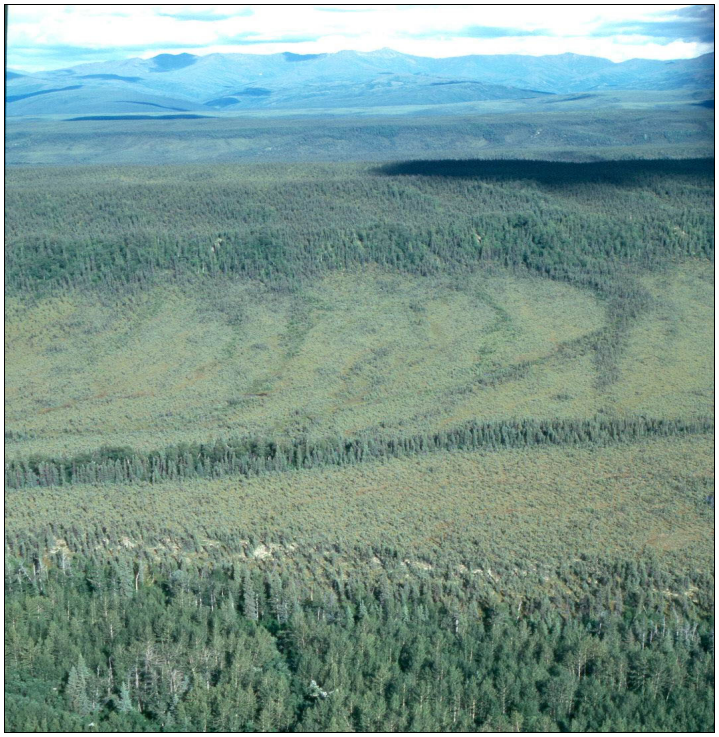


Distribution of map unit 3BG (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.

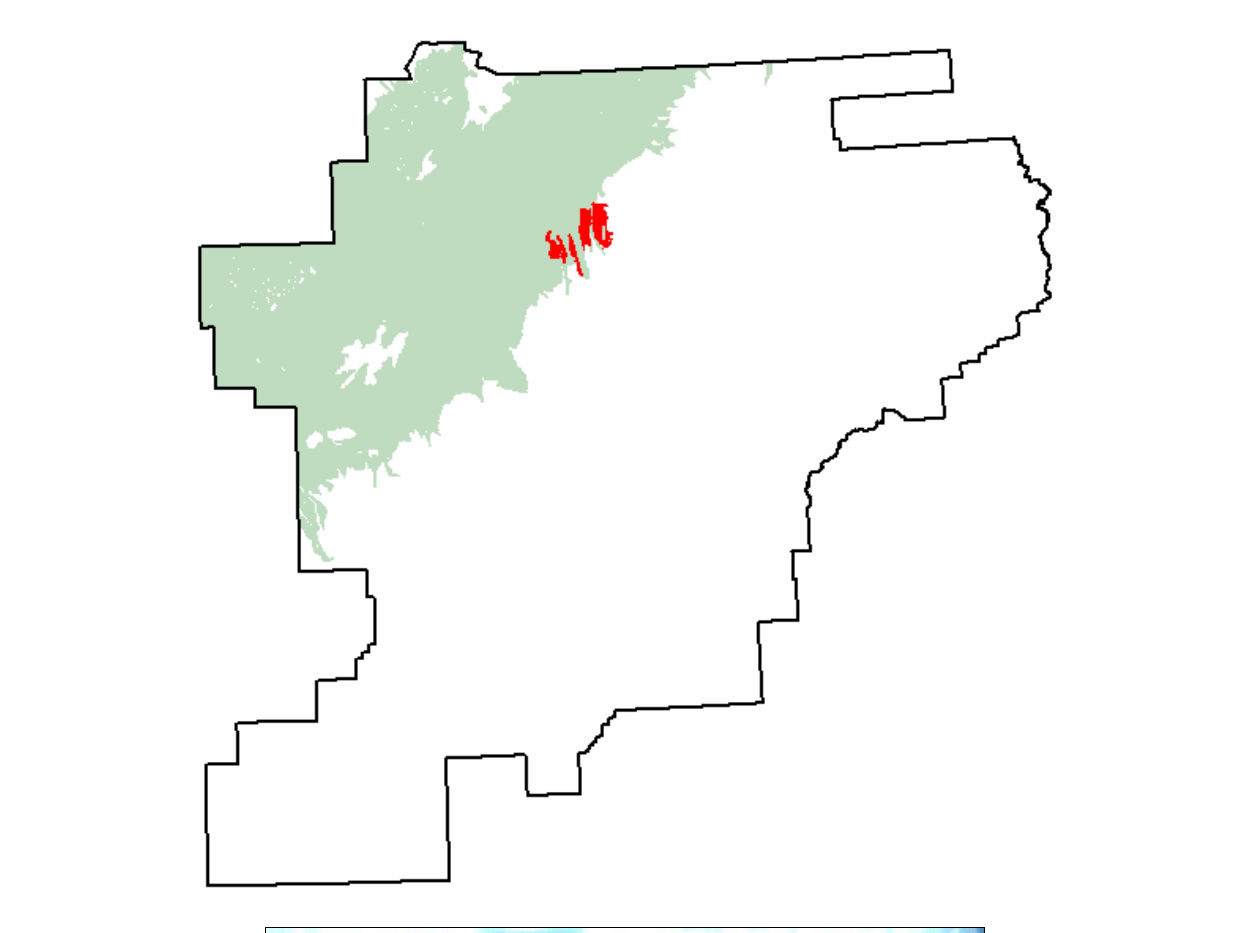


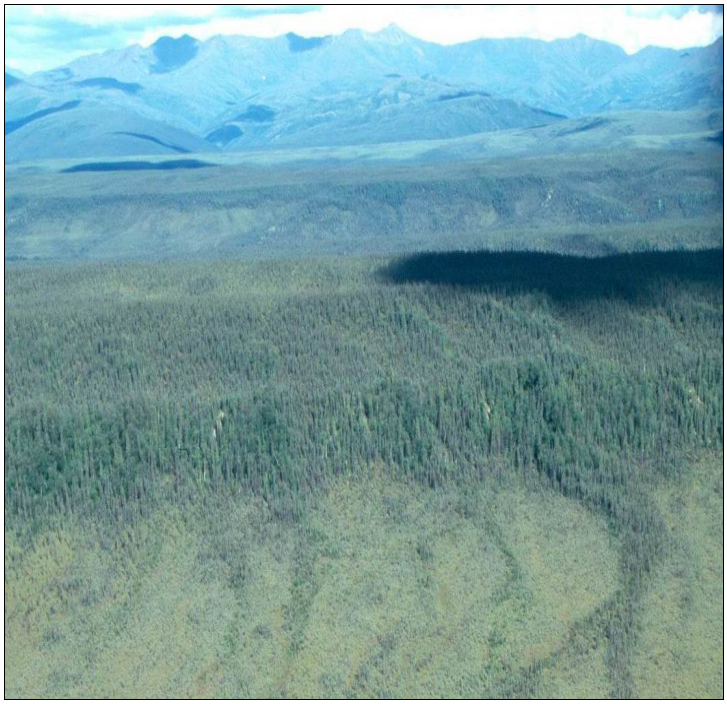
Distribution of map unit 3C (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo (mid-ground).



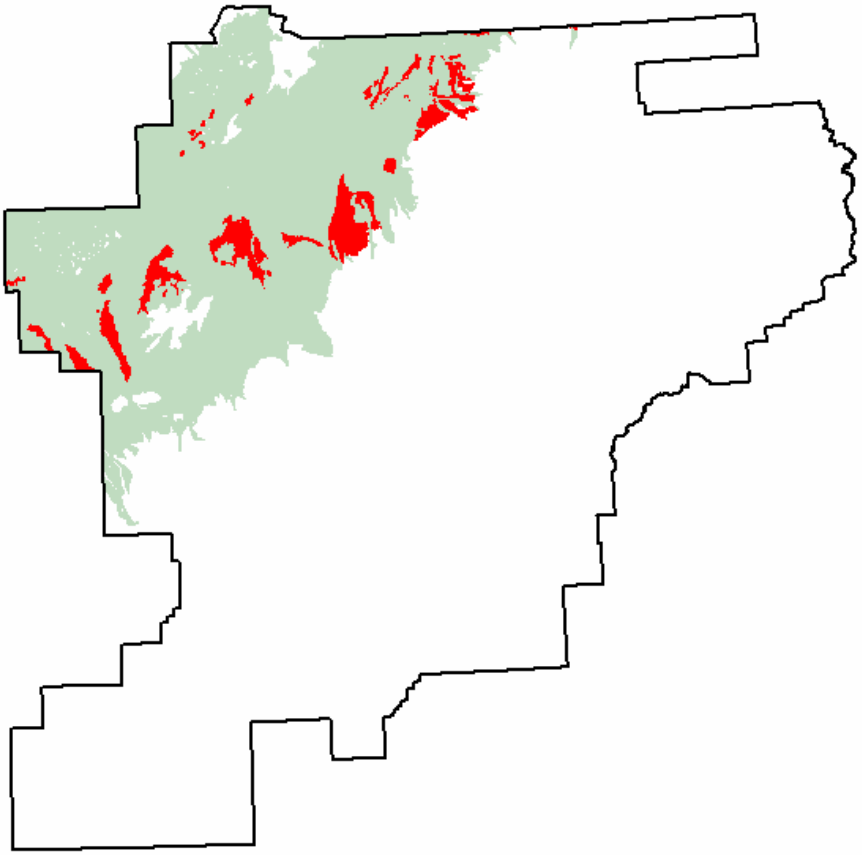


Distribution of map unit 3DH (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo (mid-ground).

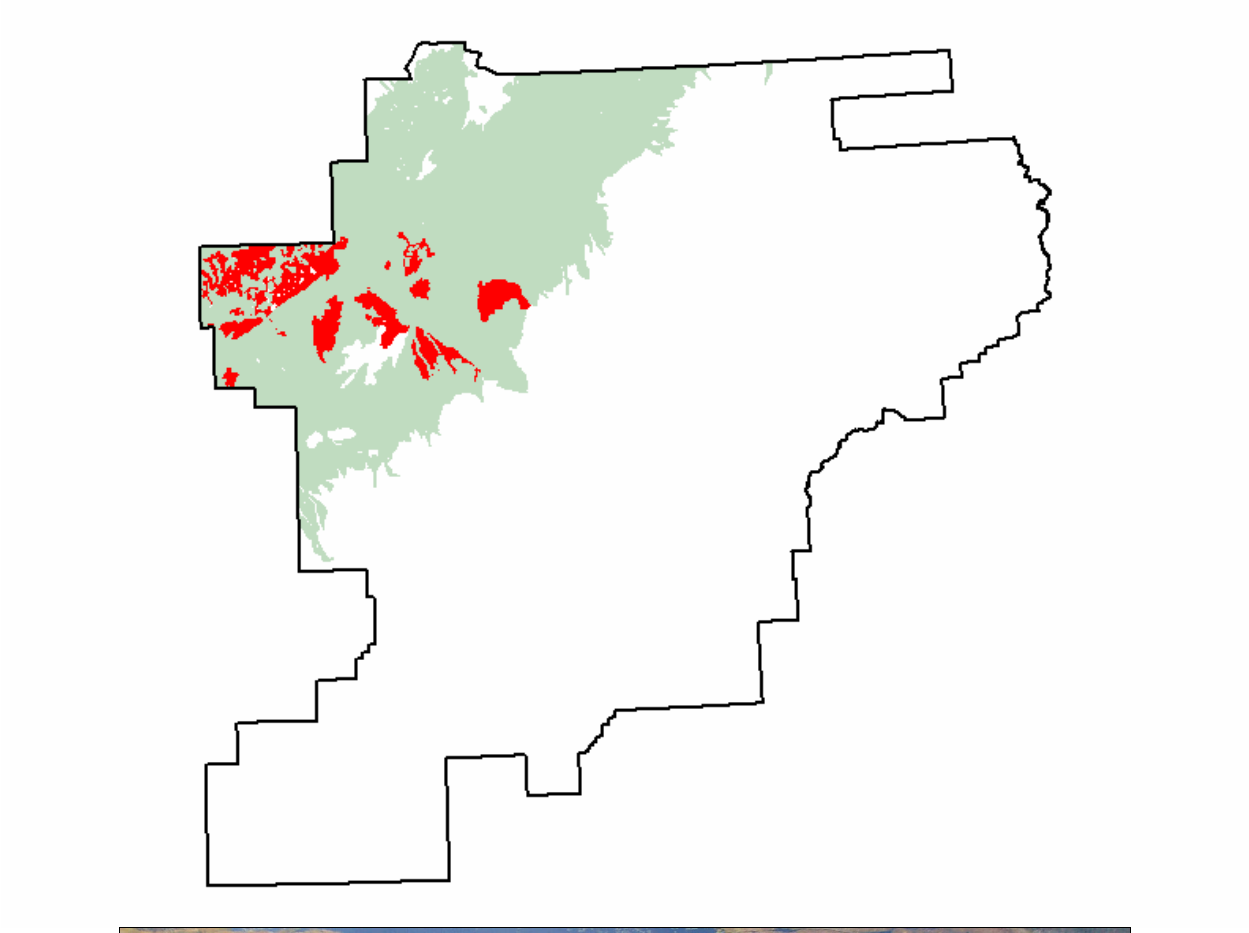




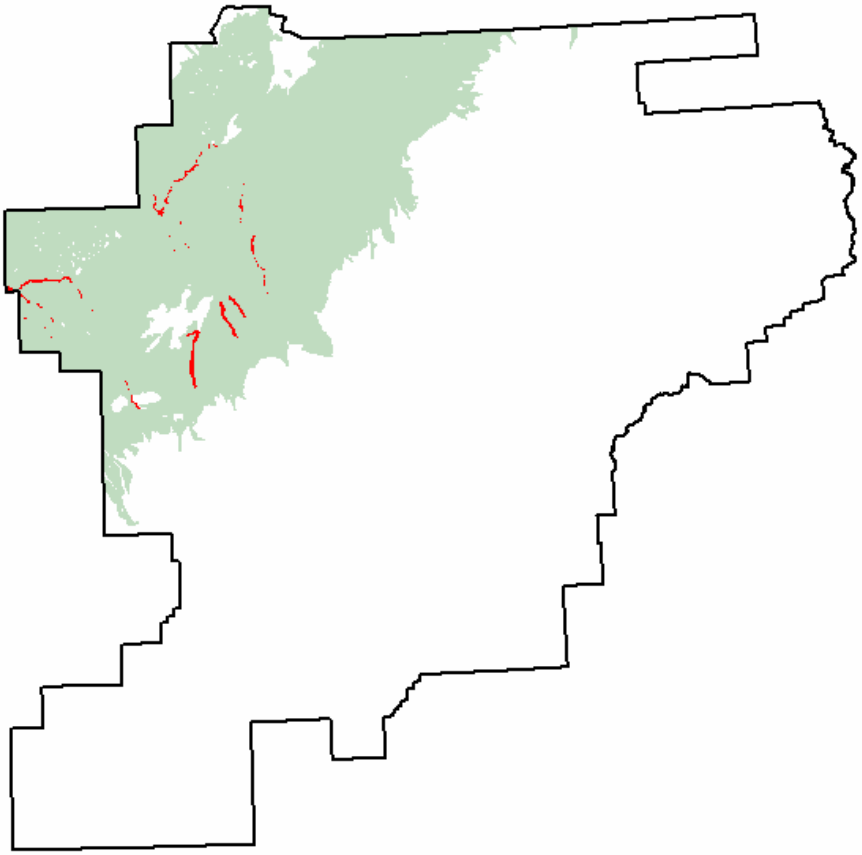
Distribution of map unit 3FG (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



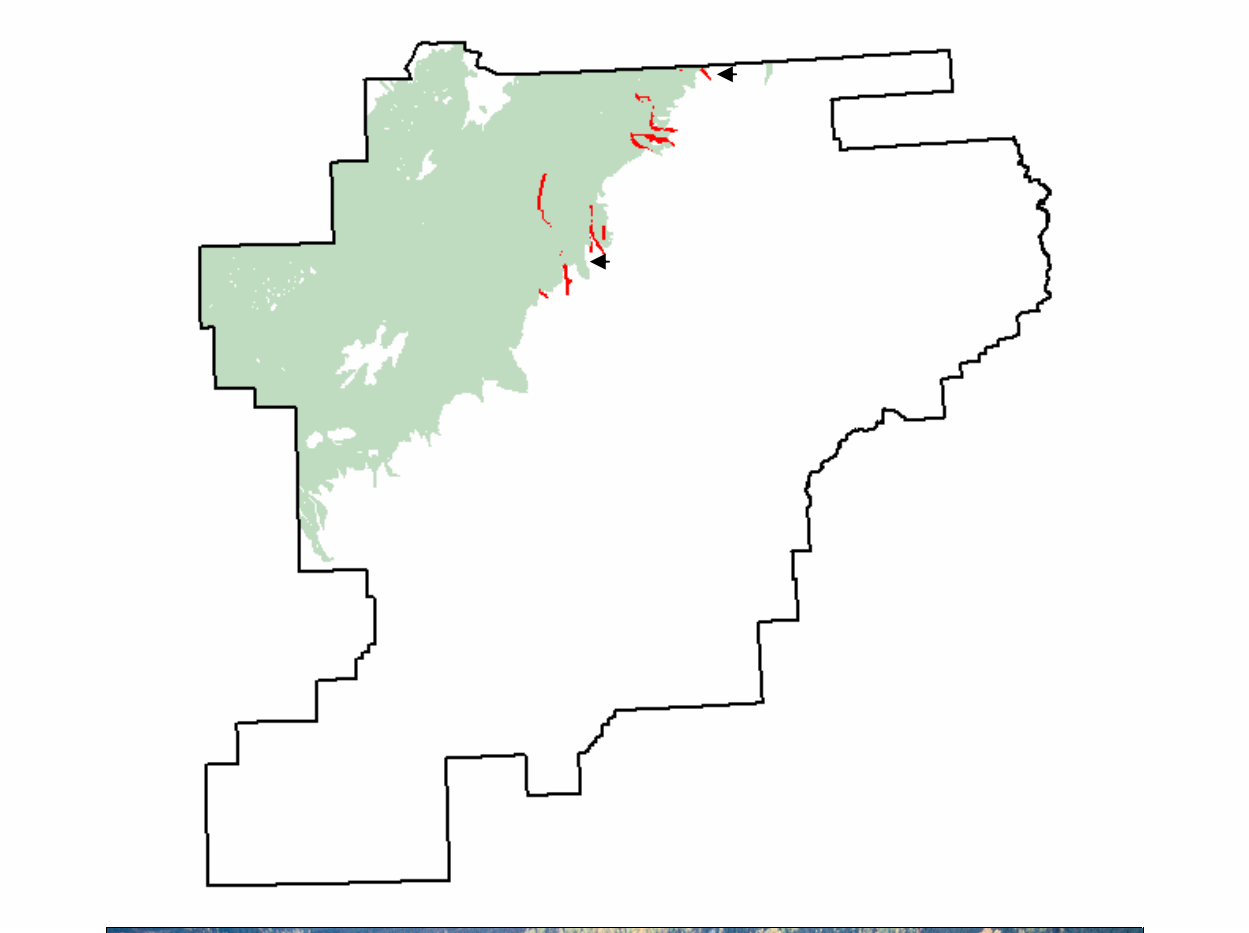
Distribution of map unit 3FG3 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



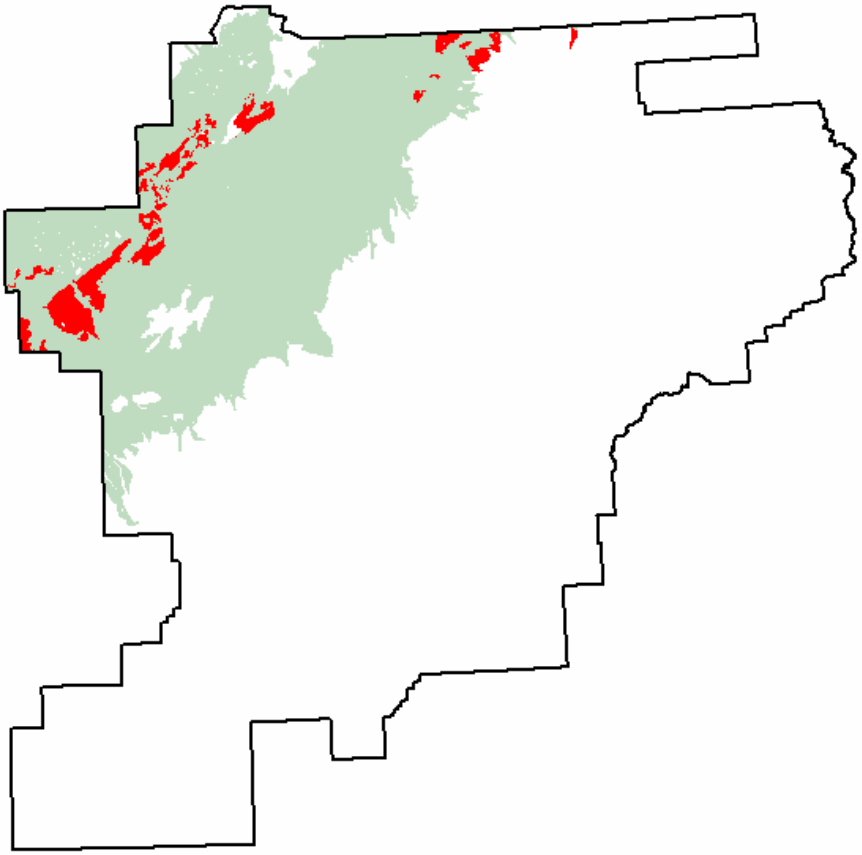
Distribution of map unit 3FP1 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



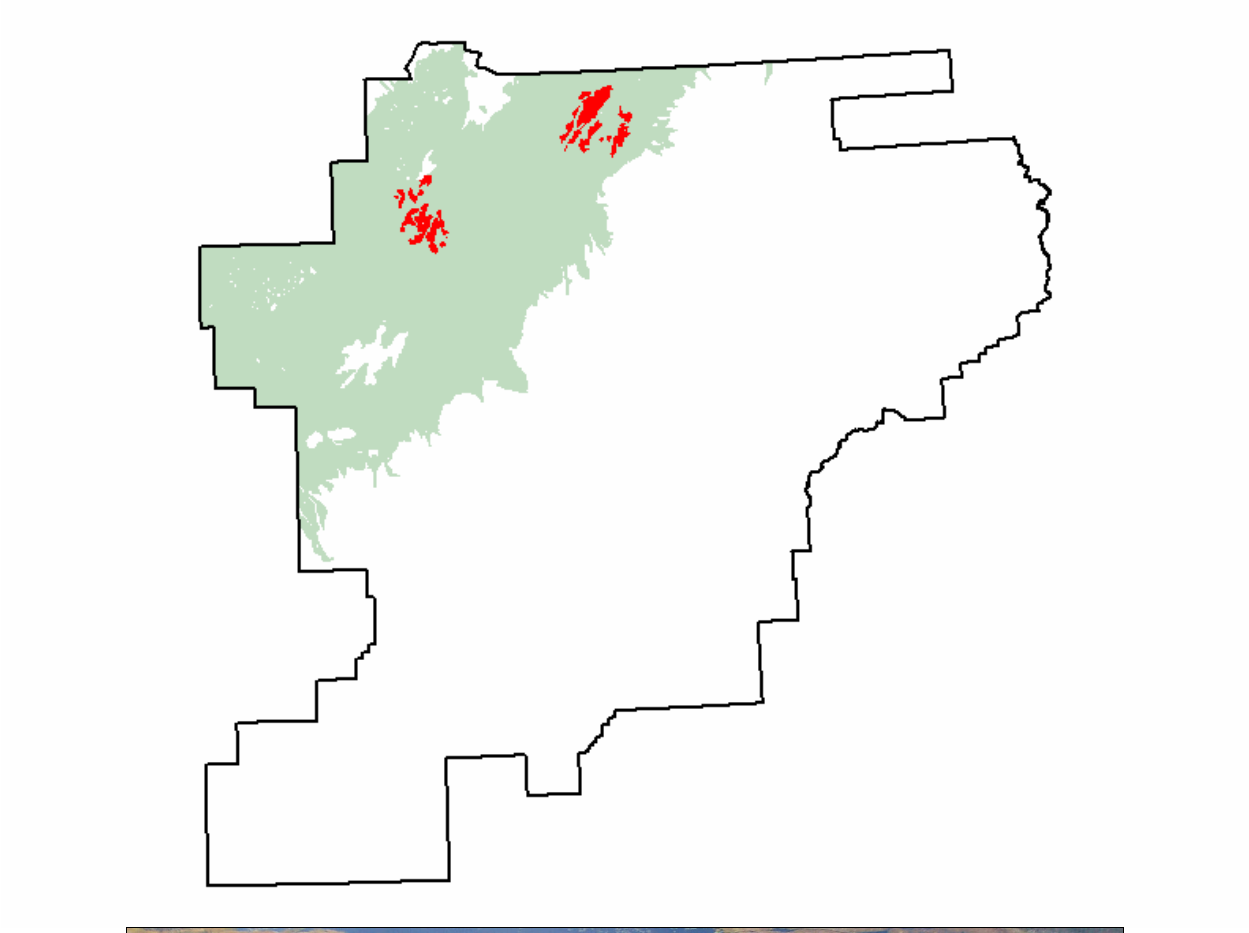
Distribution of map unit 3FP3 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



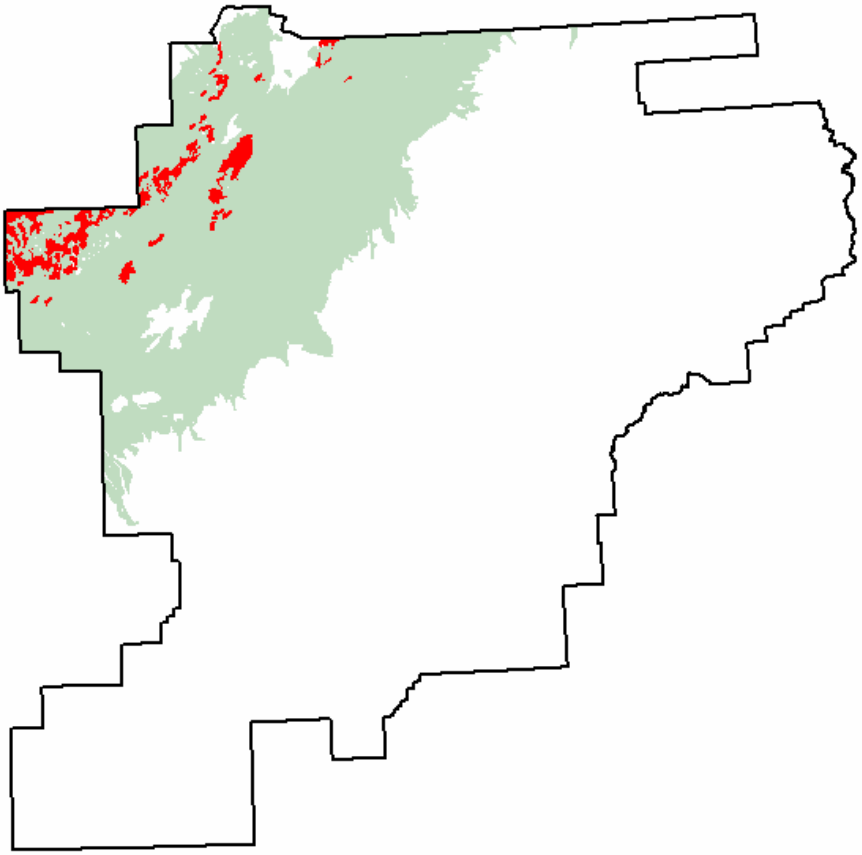
Distribution of map unit 3FU (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



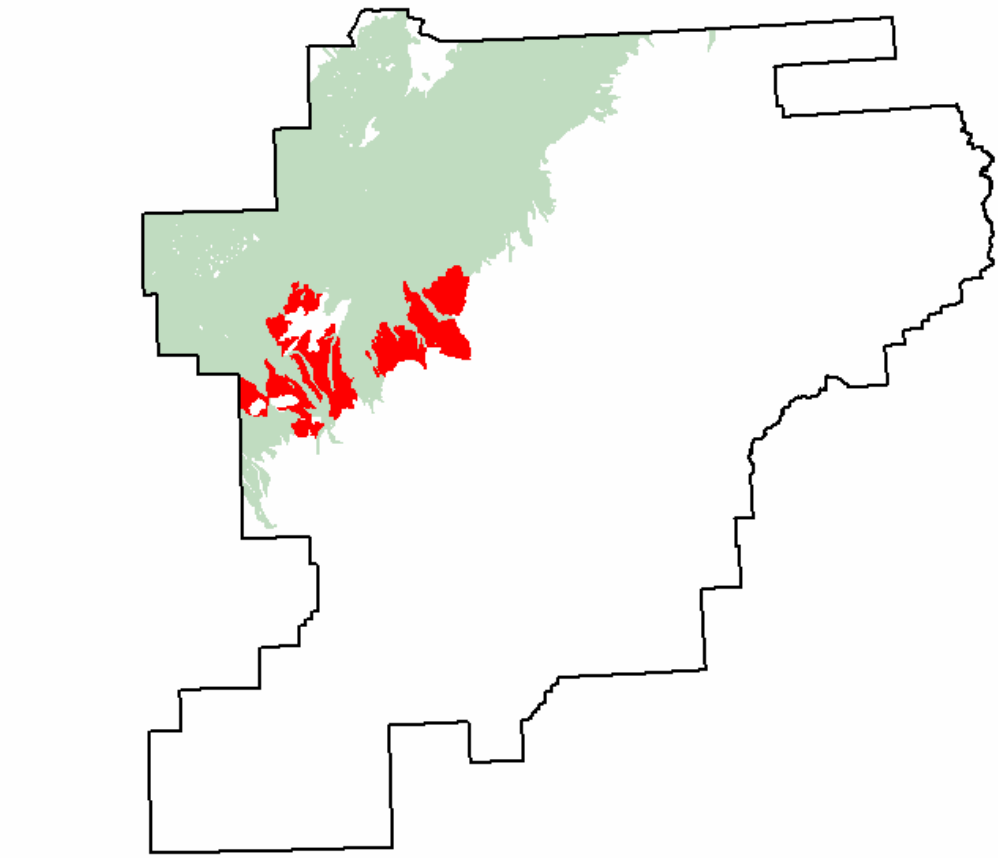
Distribution of map unit 3FU2 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



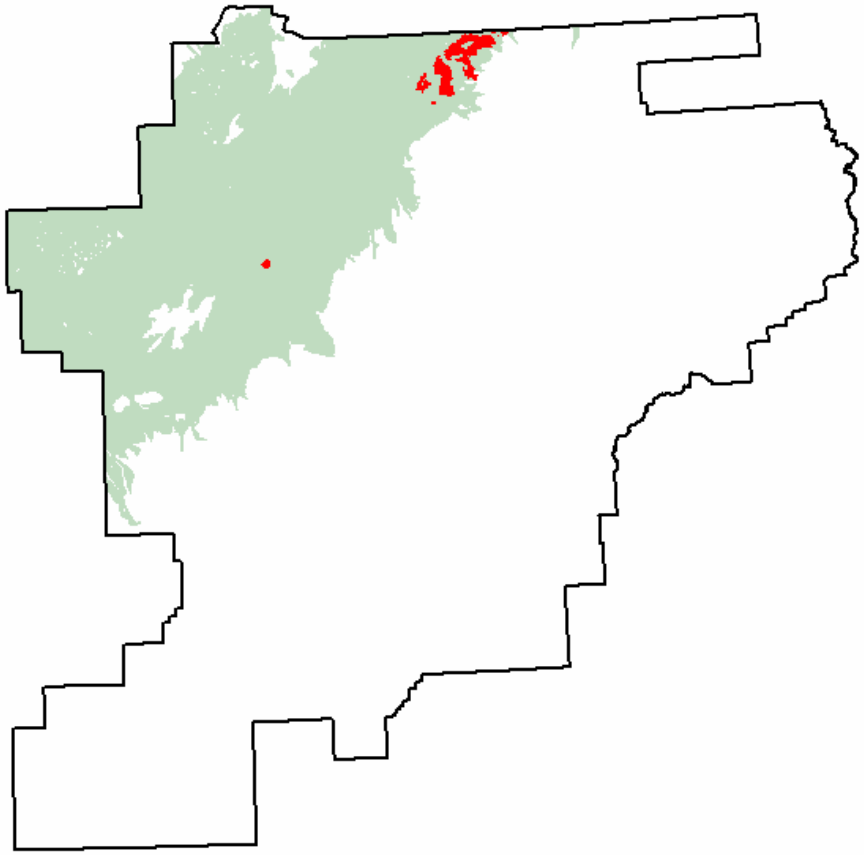
Distribution of map unit 3FU3 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



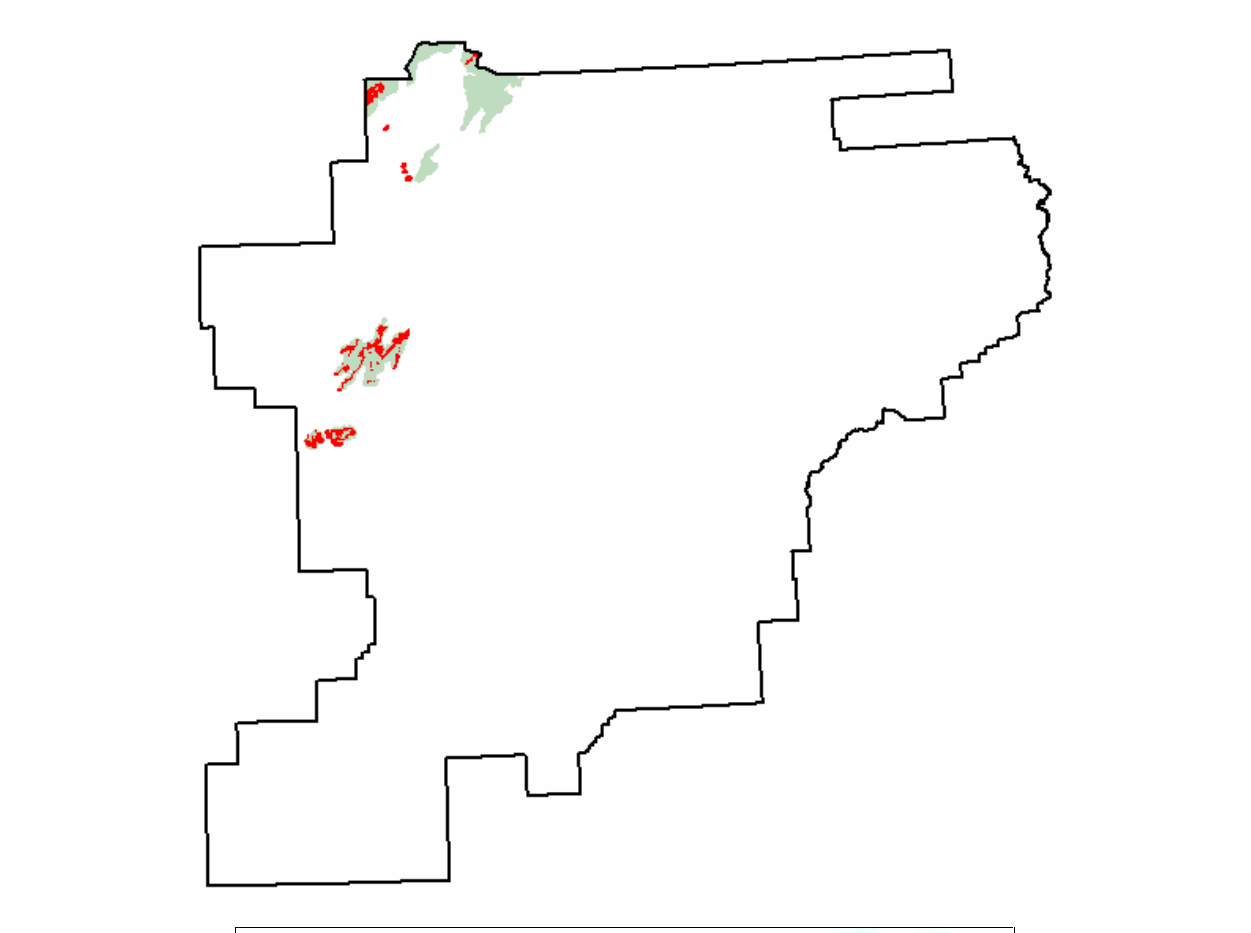
Distribution of map unit 3FU4 (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



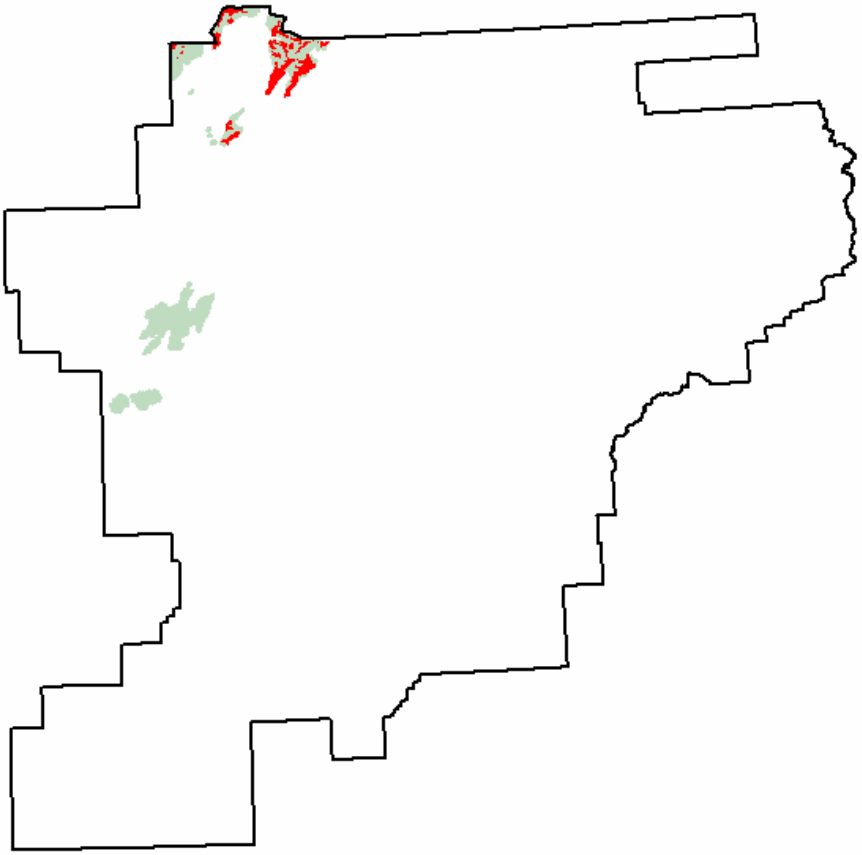
Distribution of map unit 3Y (red) within the Yukon-Kuskokwim Bottomlands Section (gray) and typical landscape photo.



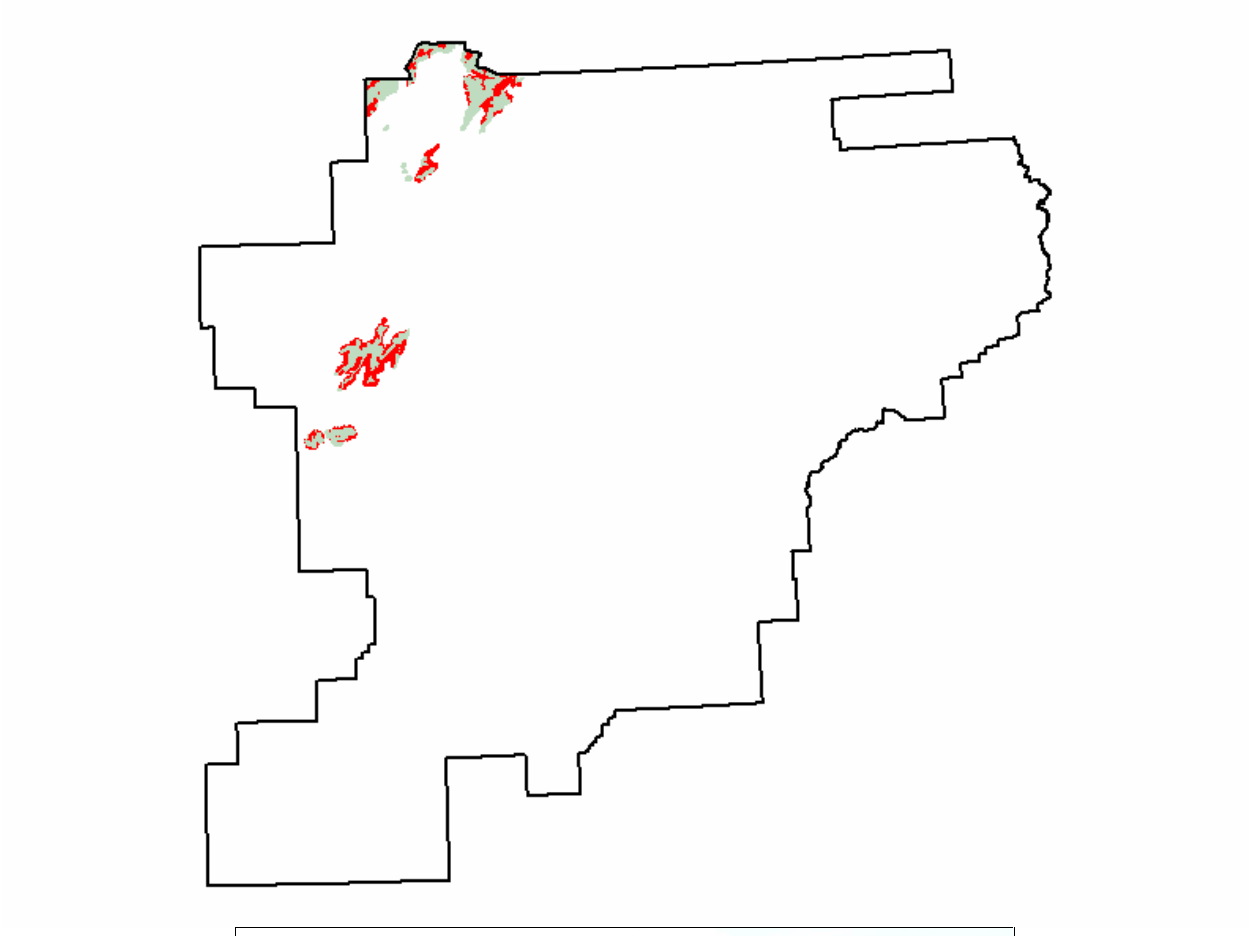
Distribution of map unit 4BS (red) within the Kuskokwim Mountains Section (gray) and typical landscape photo (photo right).

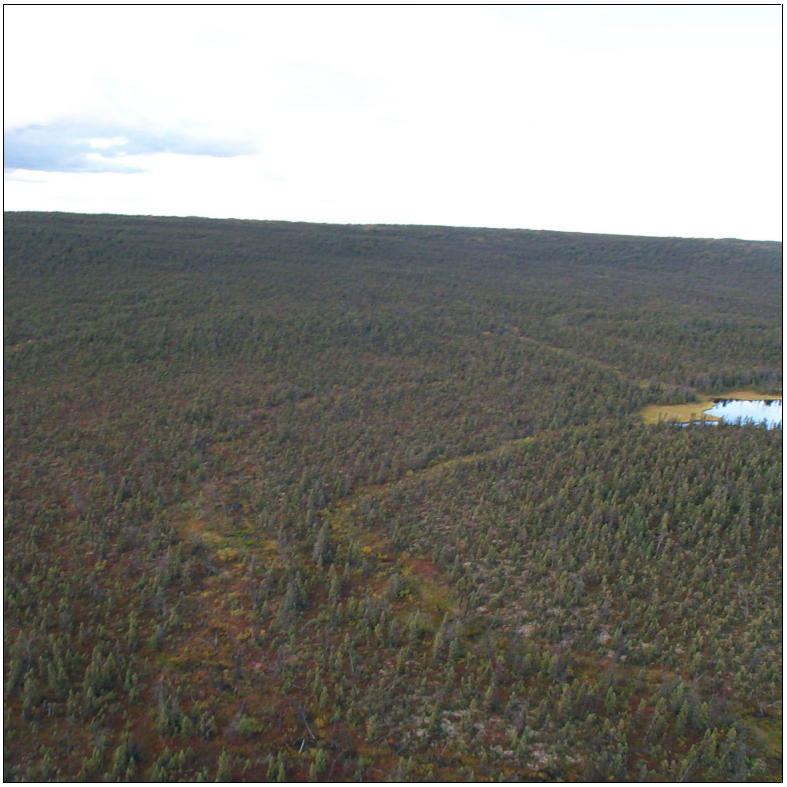


Distribution of map unit 4BSS (red) within the Kuskokwim Mountains Section (gray) and typical landscape photo (background).

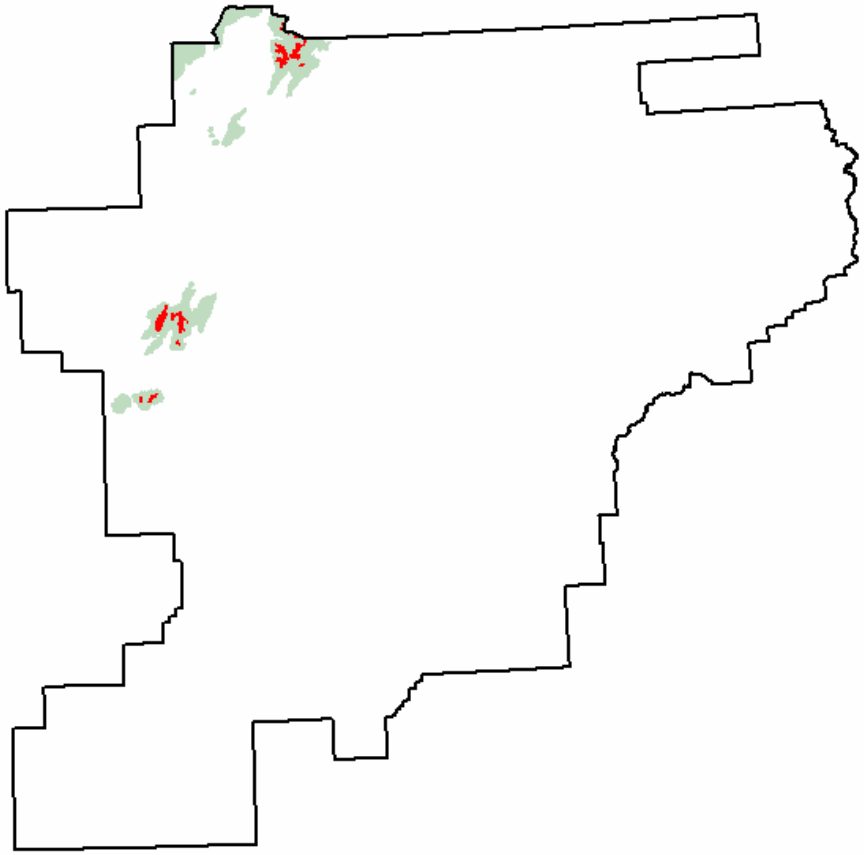


Distribution of map unit 4FS (red) within the Kuskokwim Mountains Section (gray) and typical landscape photo (photo right).

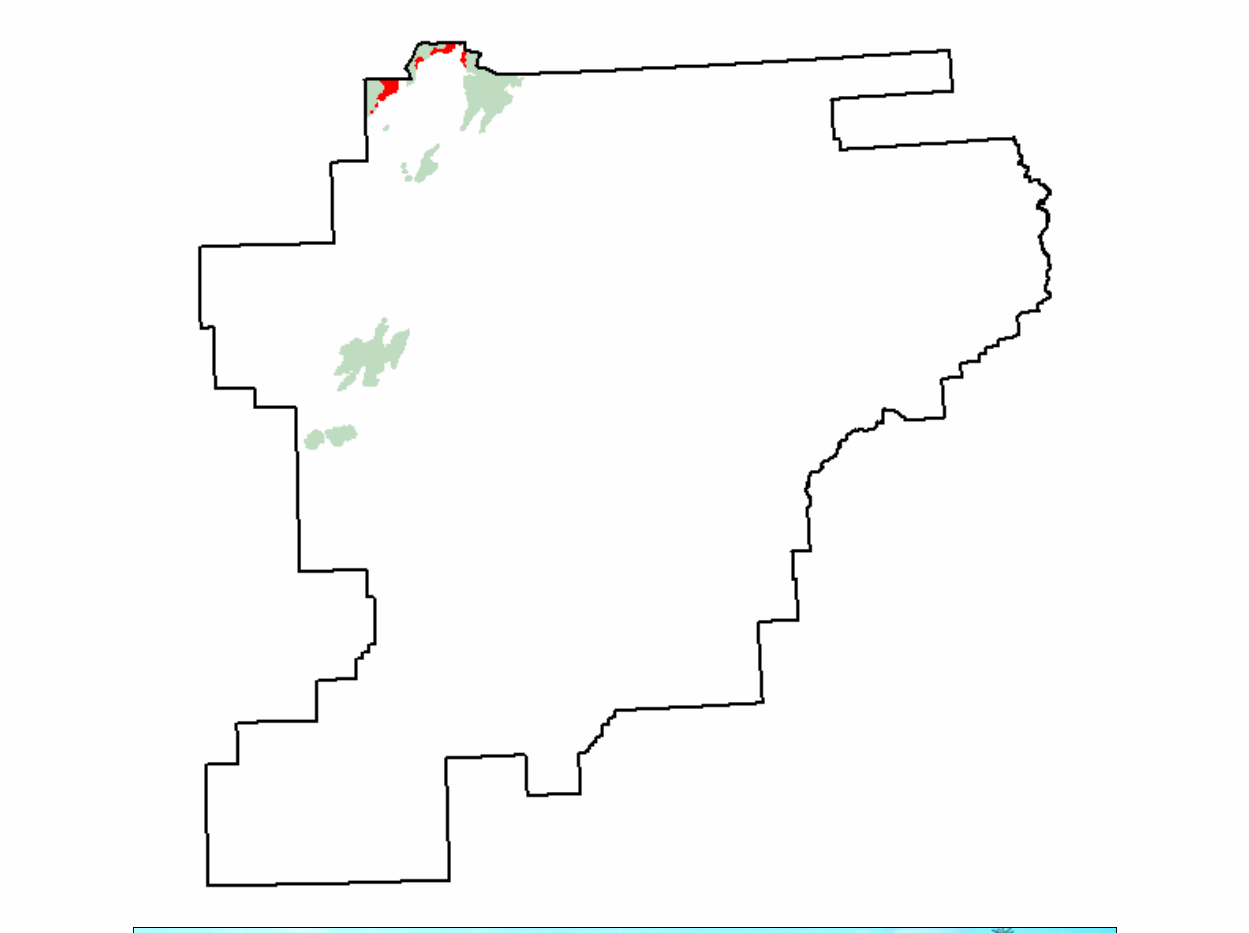


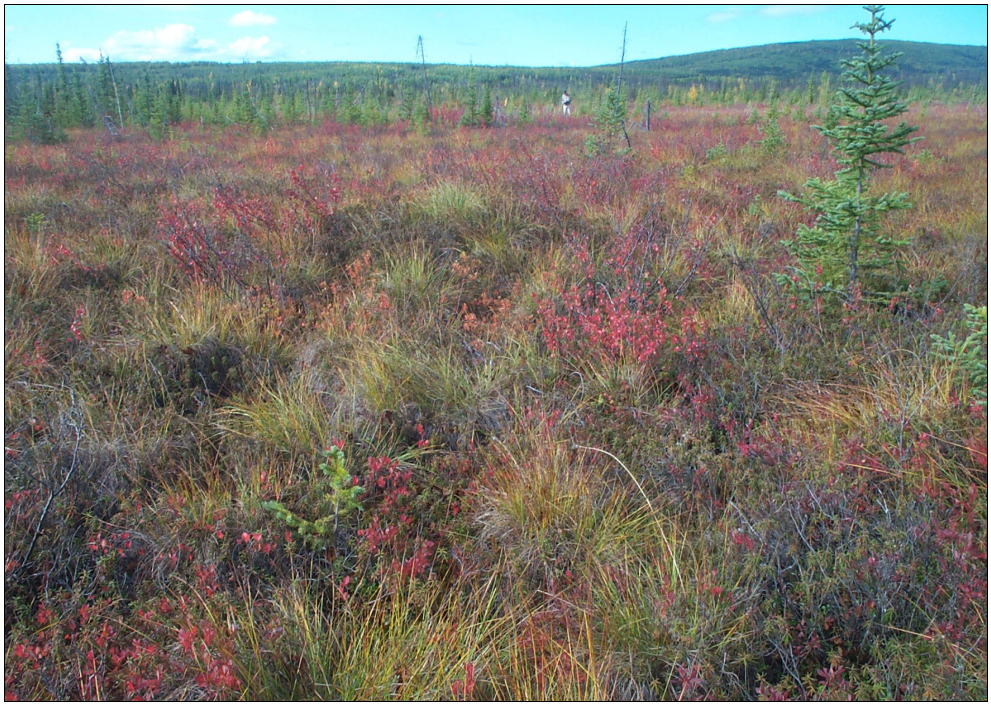


Distribution of map unit 4S1(red) within the Kuskokwim Mountains Section (gray) and typical landscape photo (left mid-ground).

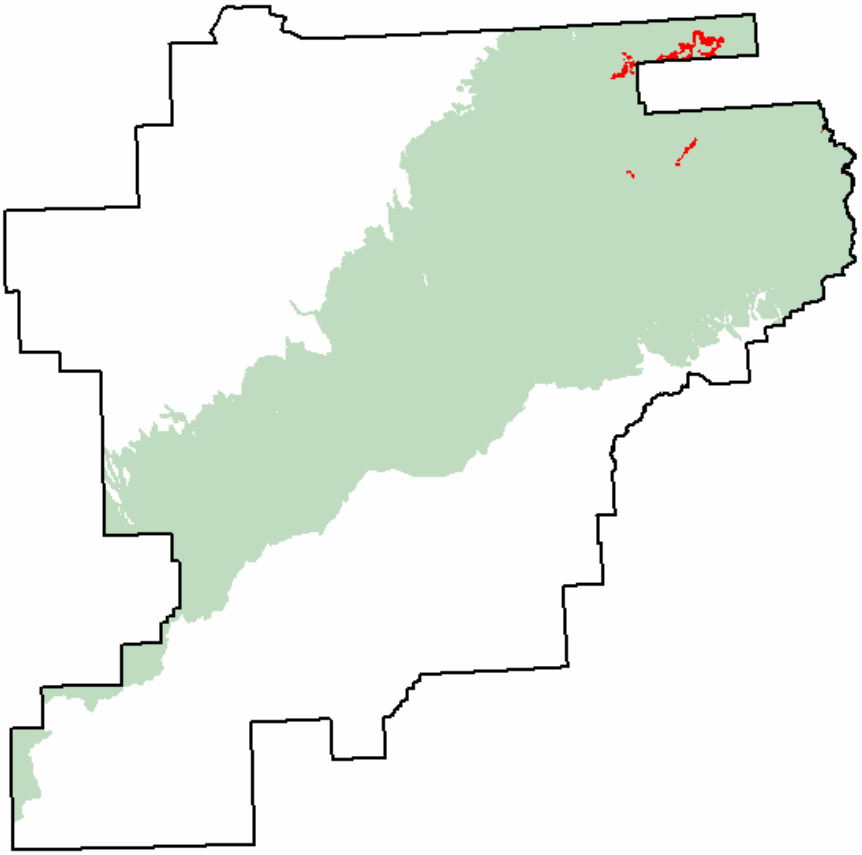


Distribution of map unit 4TS (red) within the Kuskokwim Mountains Section (gray) and typical landscape photo.

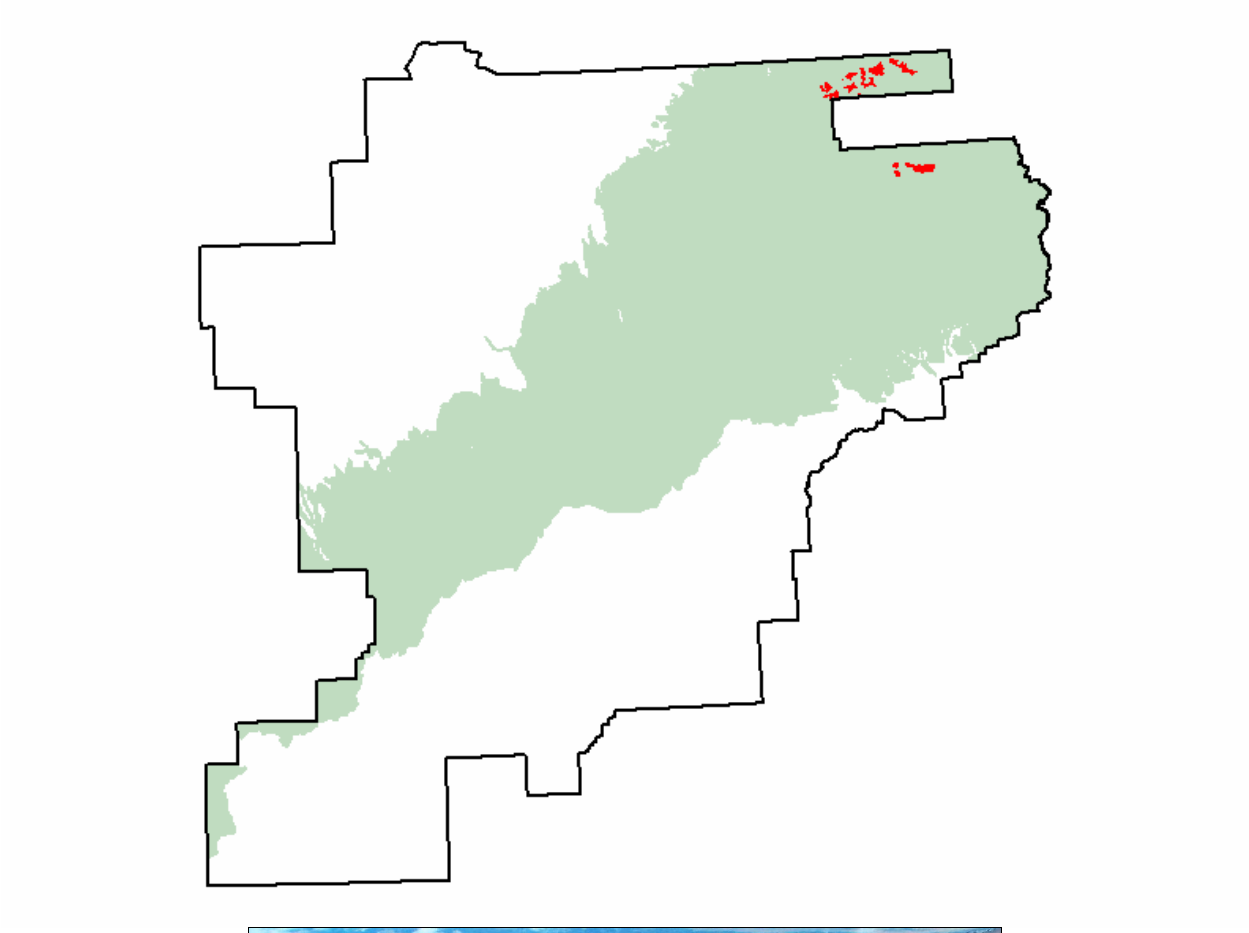


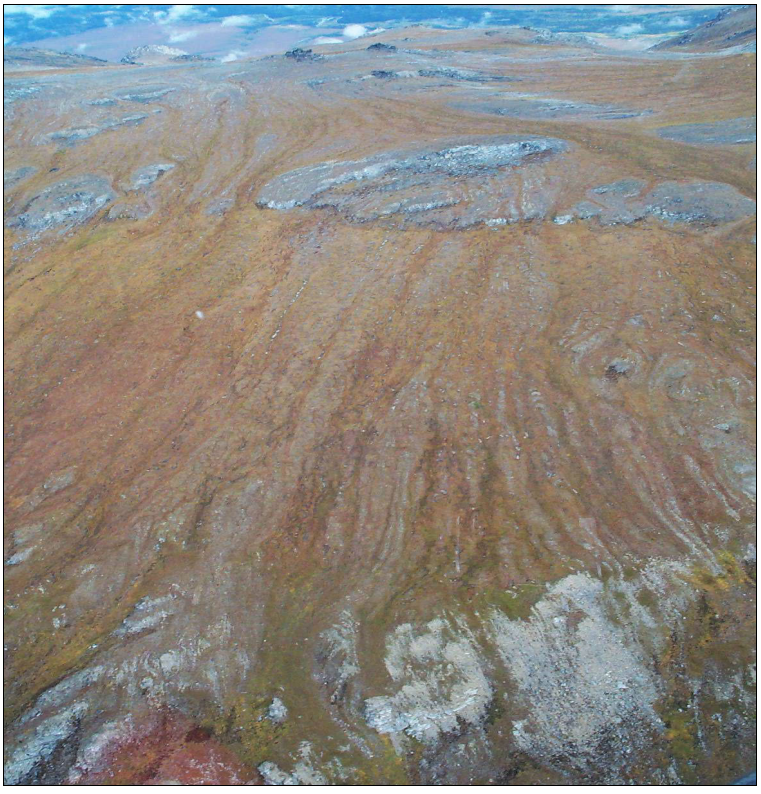


Distribution of map unit 5MS21 (red) within the Alaska Mountains Section (gray) and typical landscape photo.

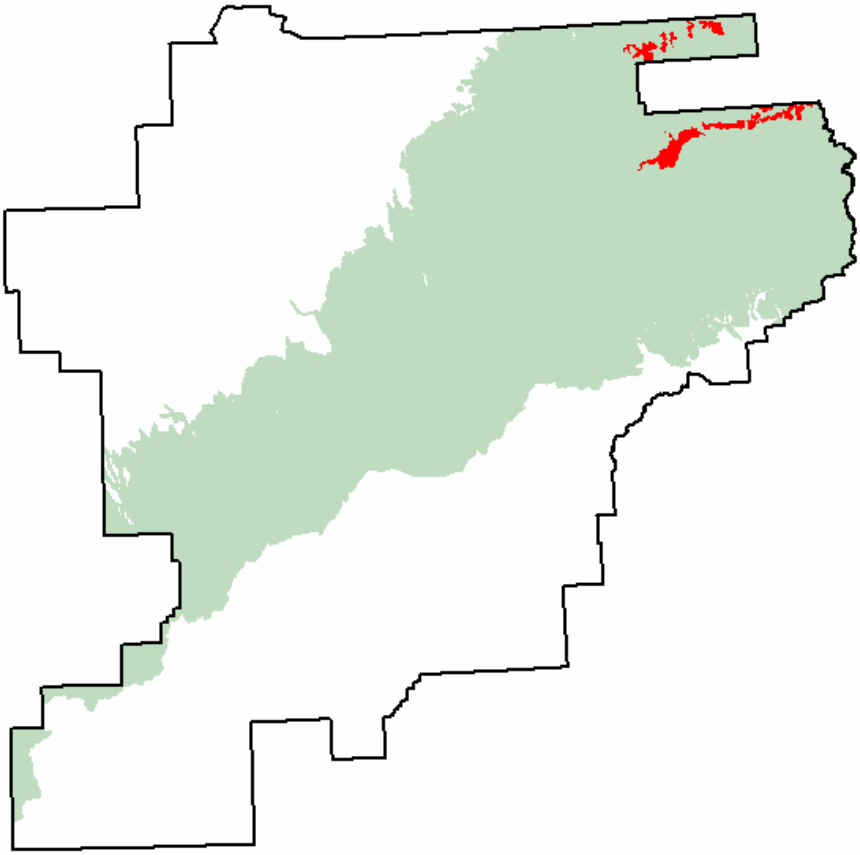


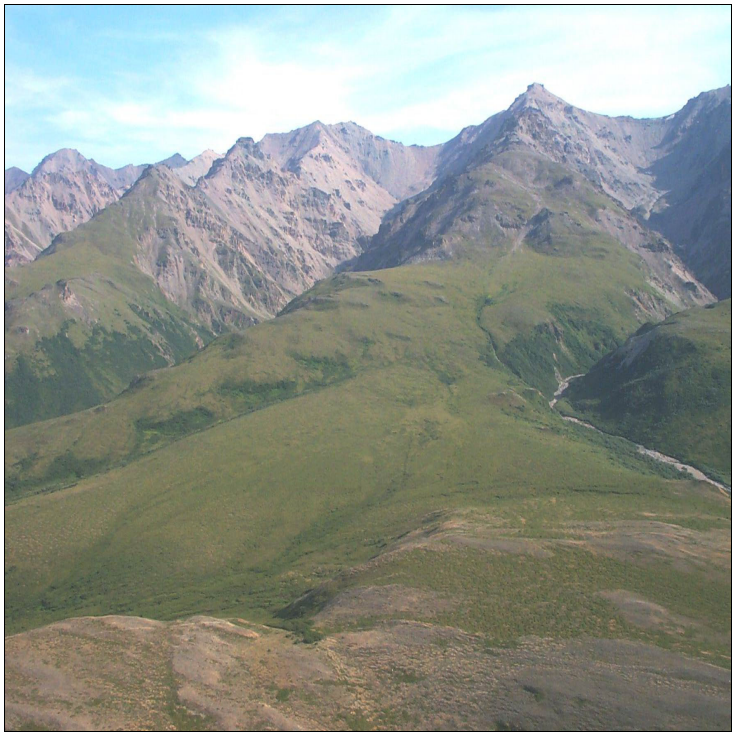
Distribution of map unit 5P1 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



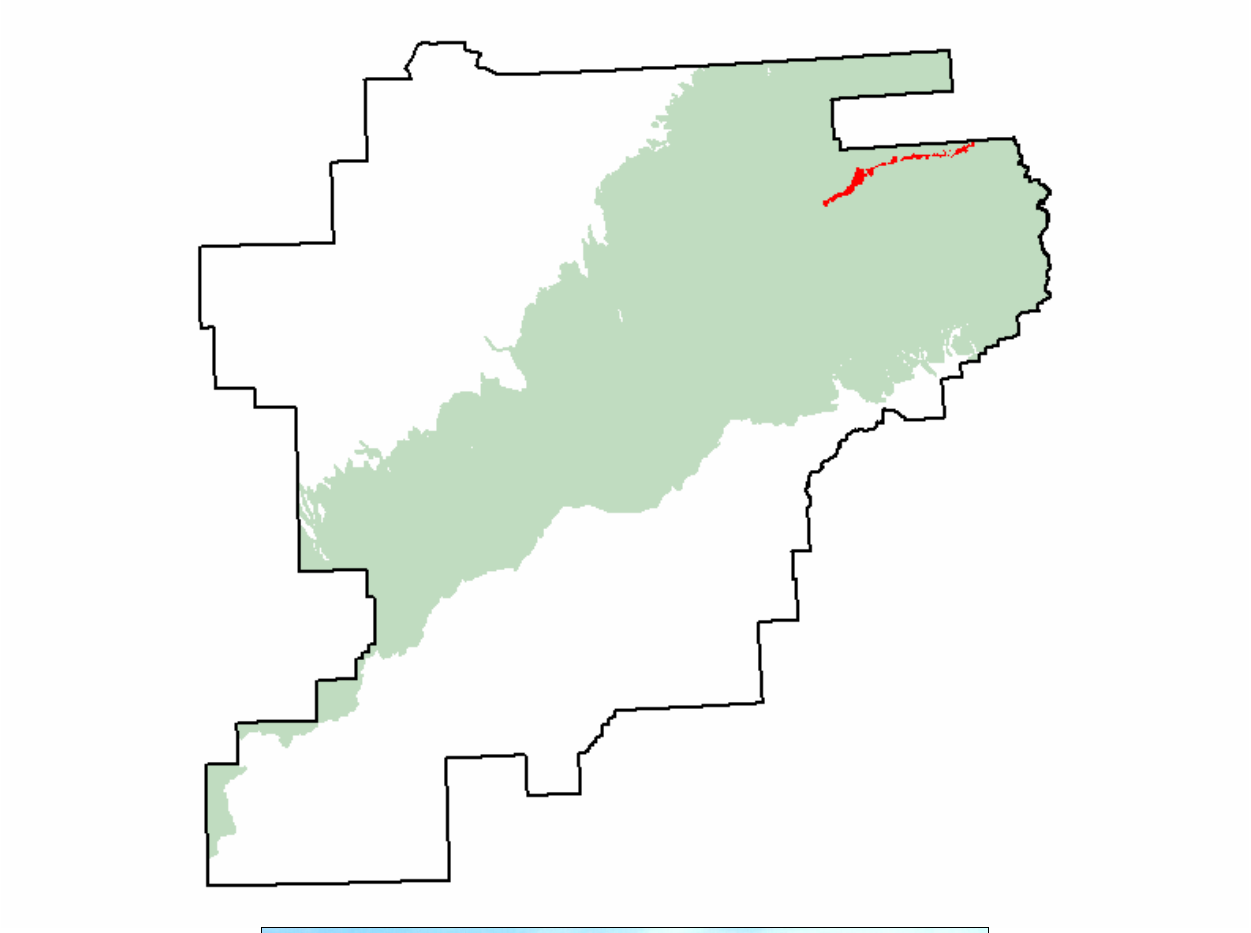


Distribution of map unit 5SA1 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

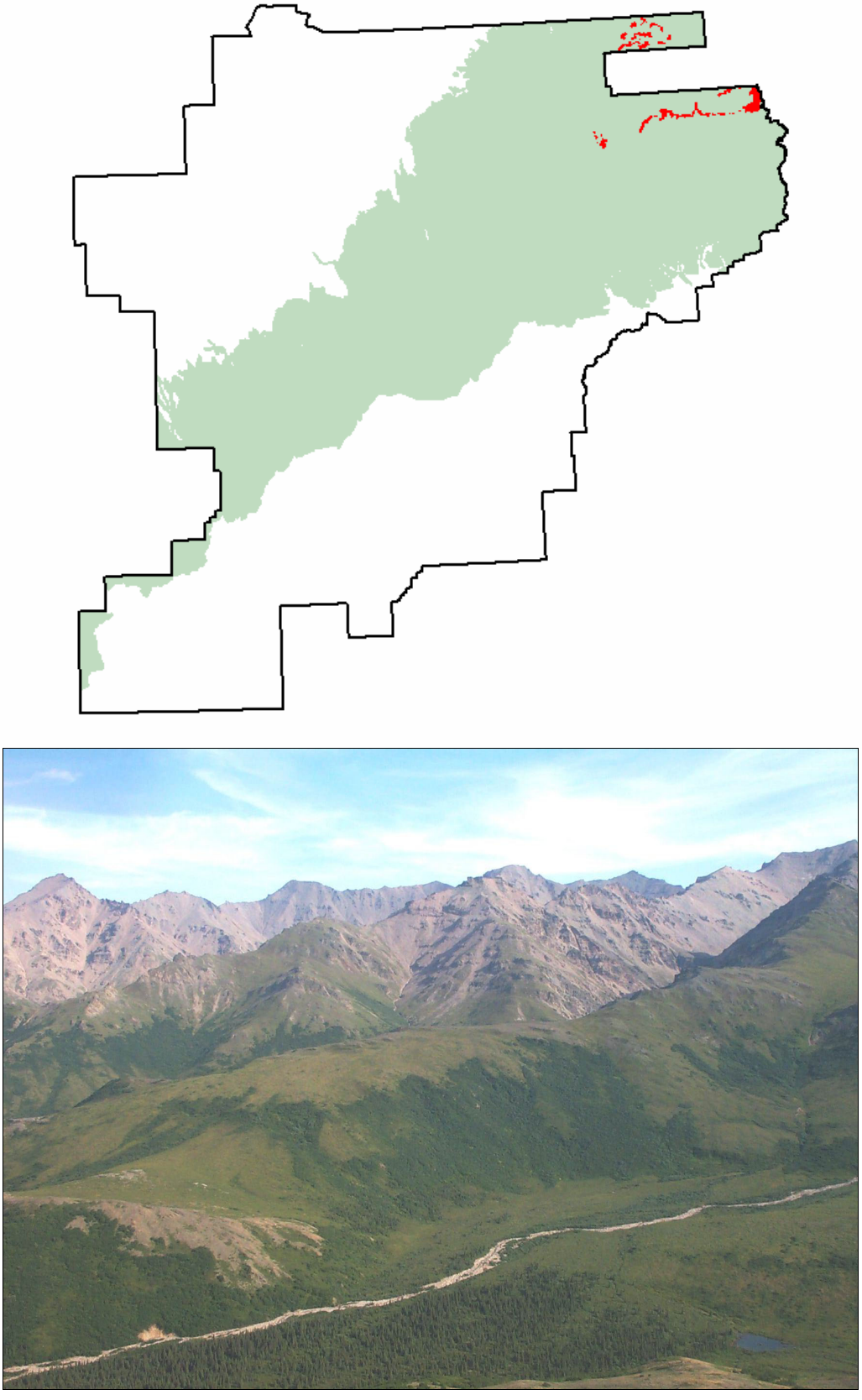




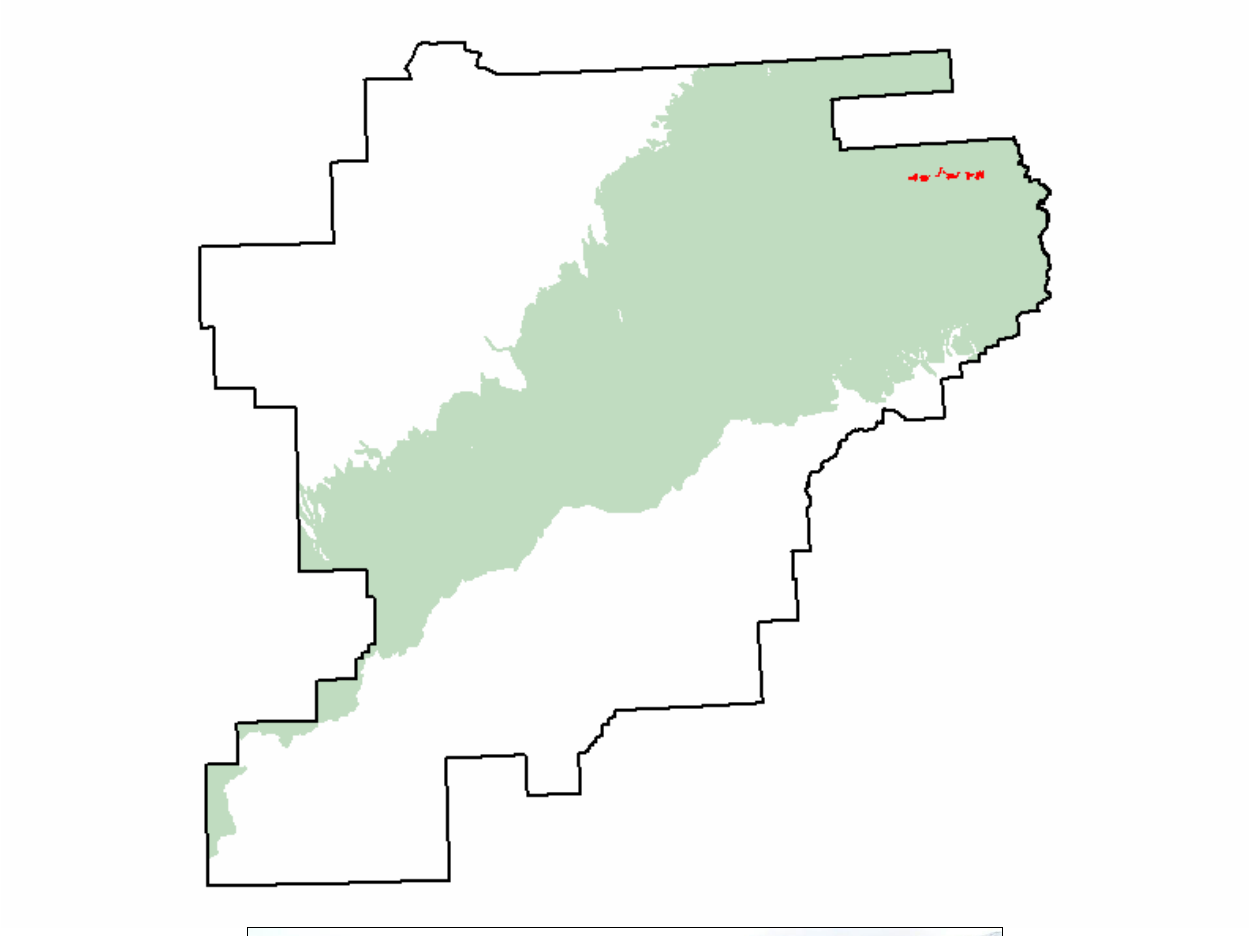
Distribution of map unit 5SA2 (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).

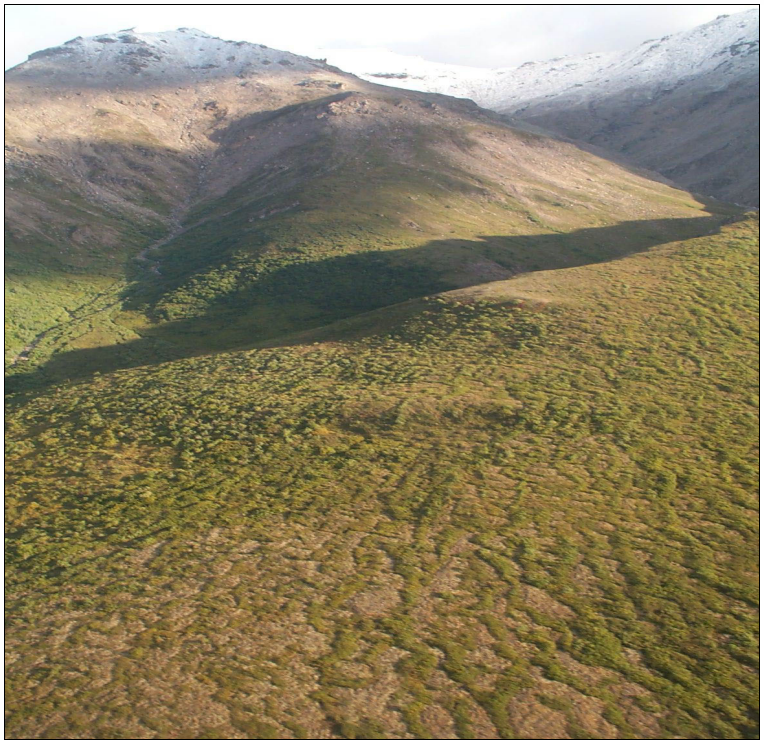


Distribution of map unit 5SA11 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

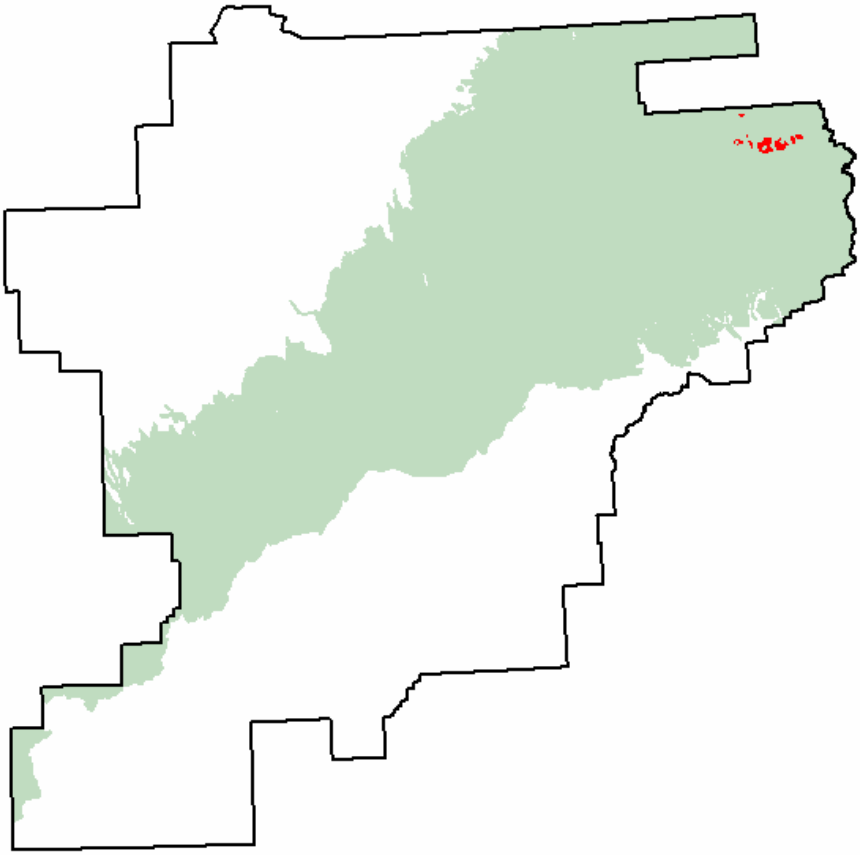


Distribution of map unit 5TS1 (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).

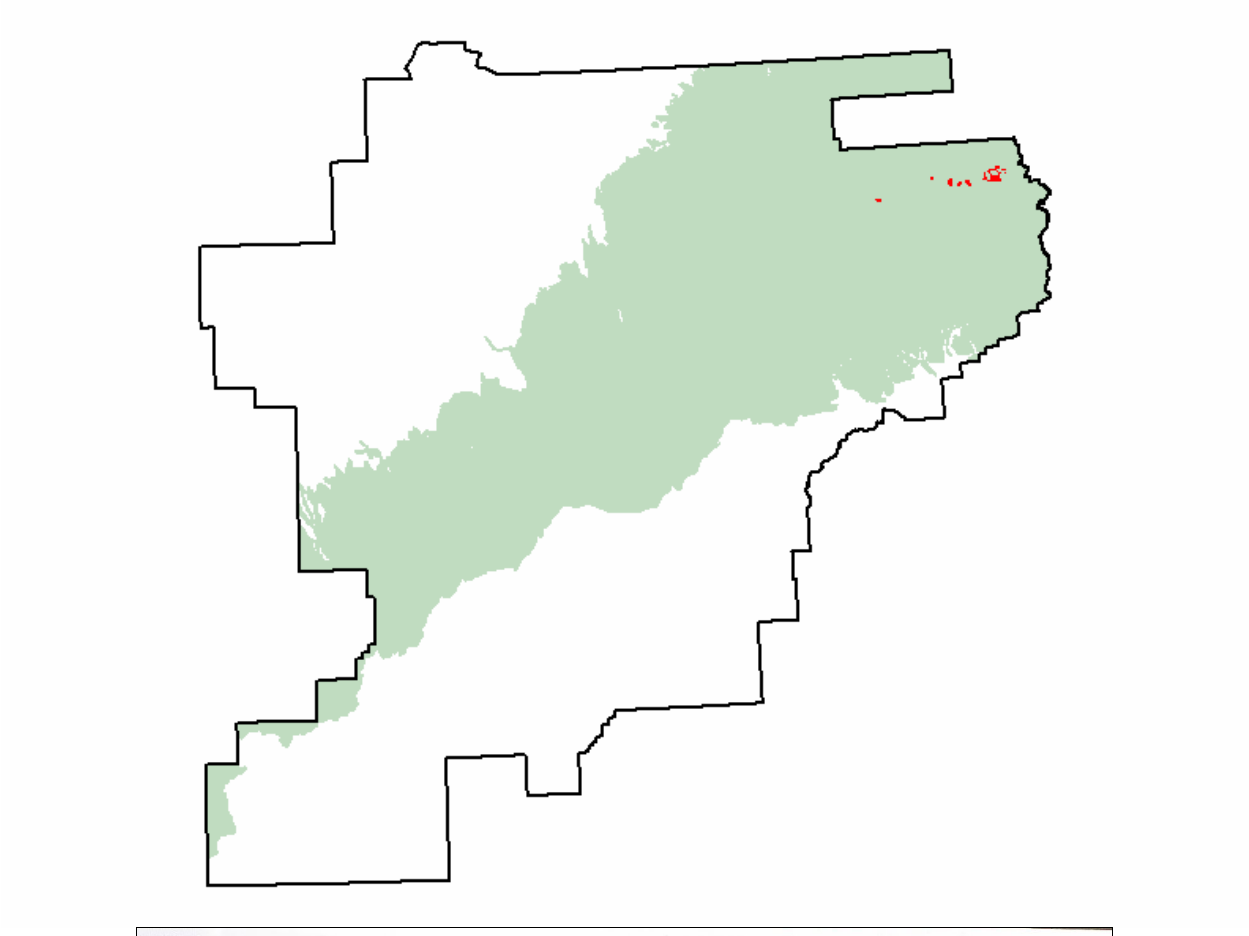




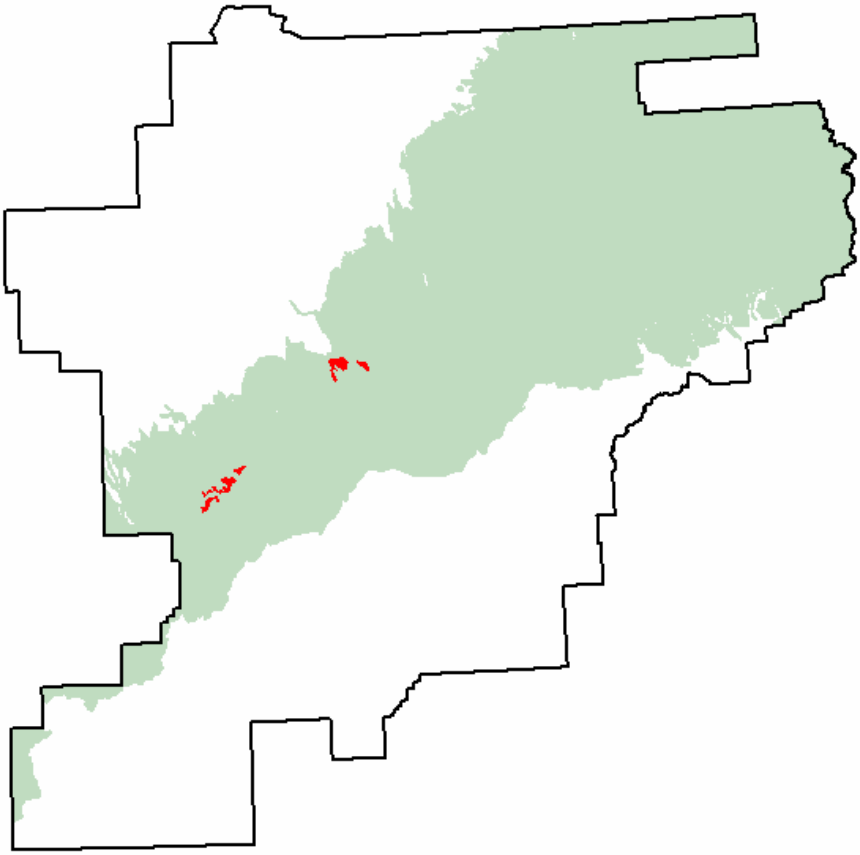
Distribution of map unit 5V1 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).



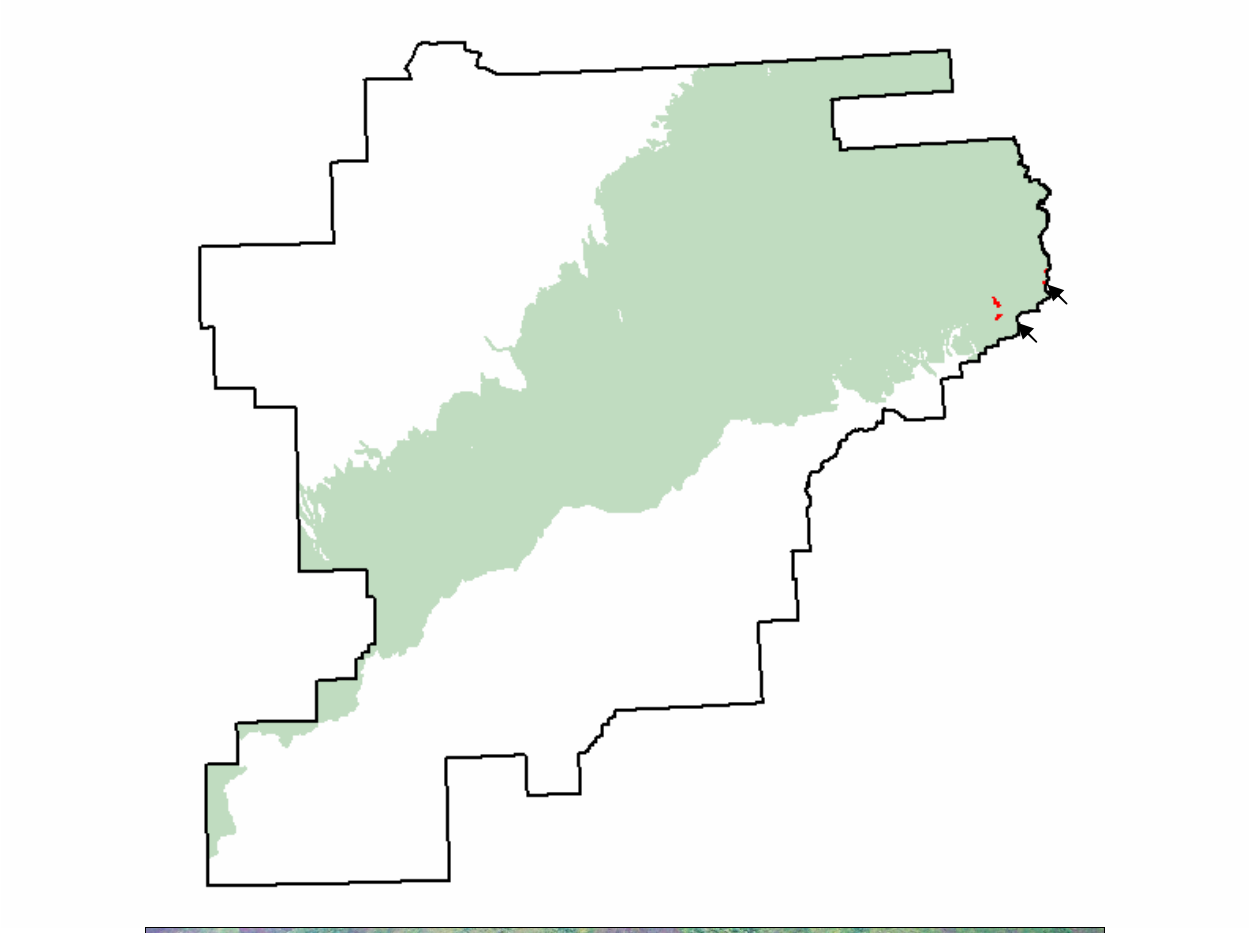
Distribution of map unit 5V2 (red) within the Alaska Mountains Section (gray) and typical landscape photo (left mid-ground).

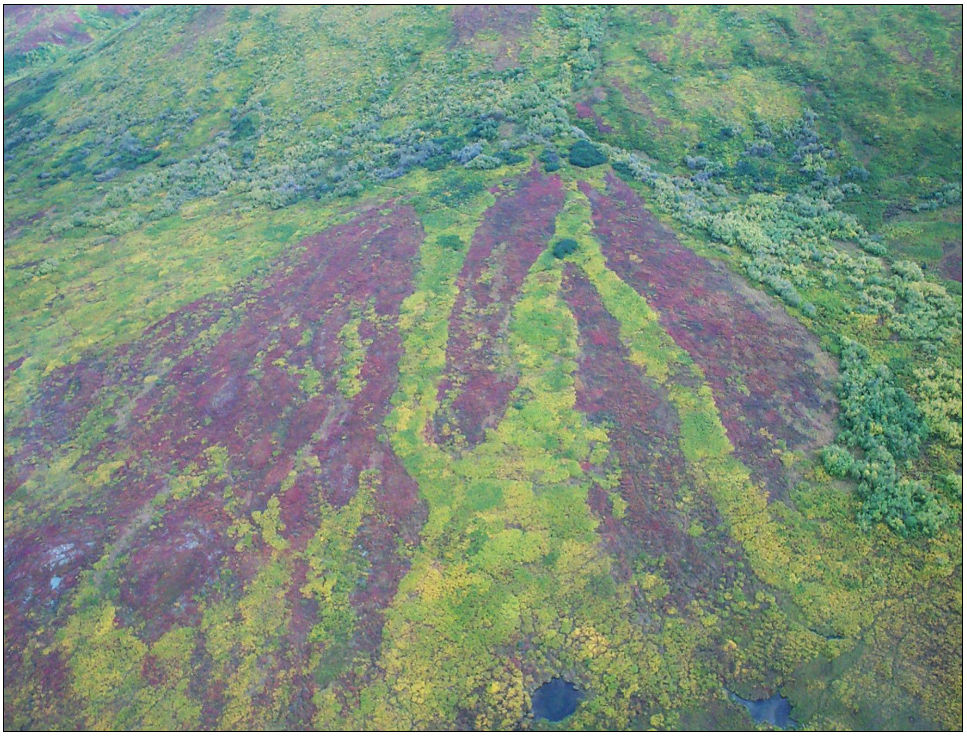


Distribution of map unit 7AF (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).

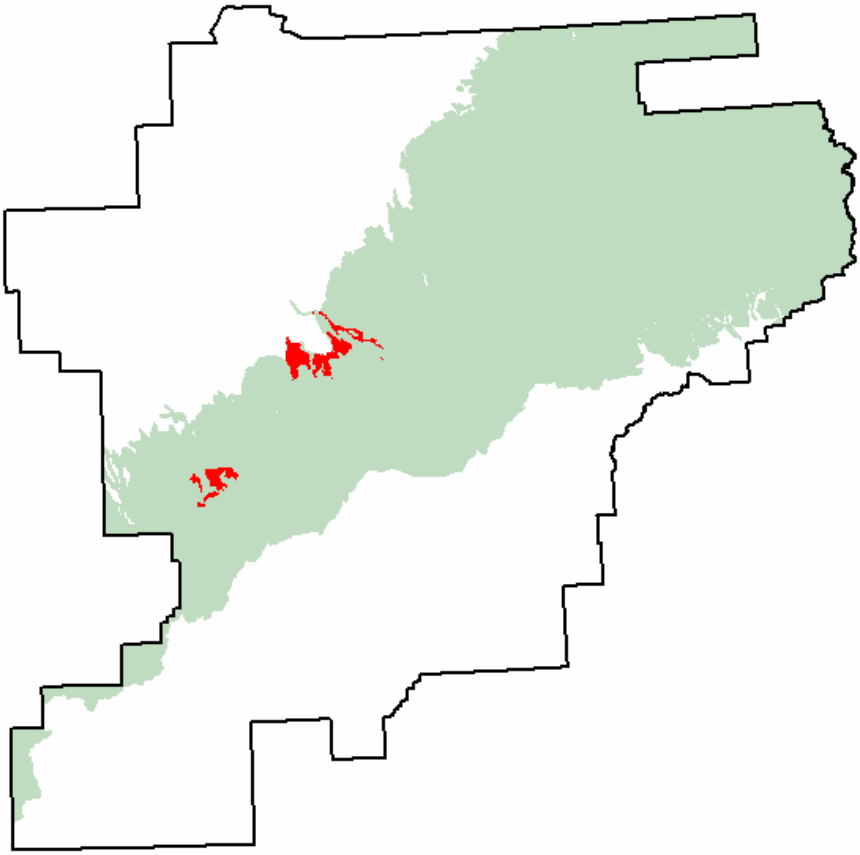


Distribution of map unit 7AF2 (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).

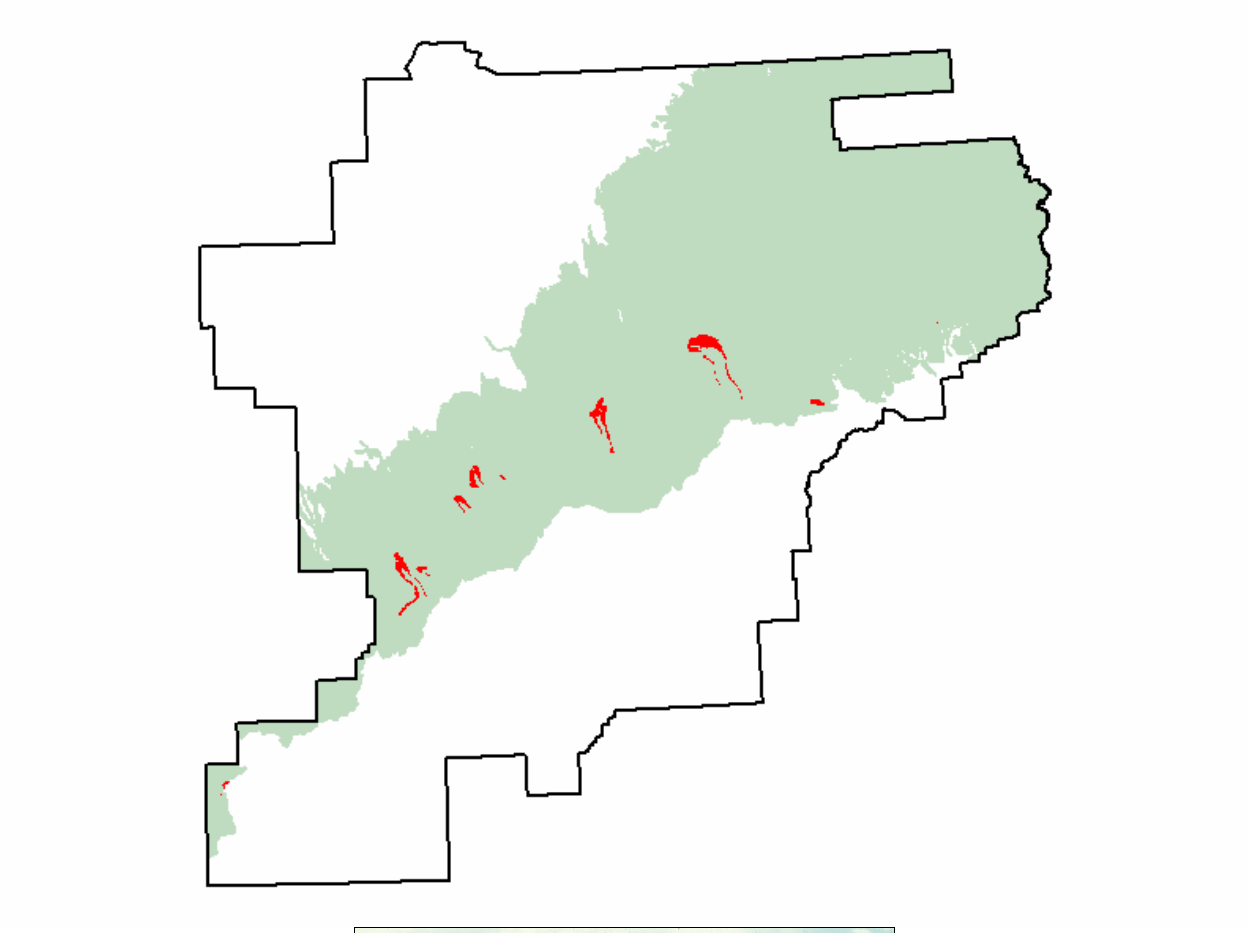




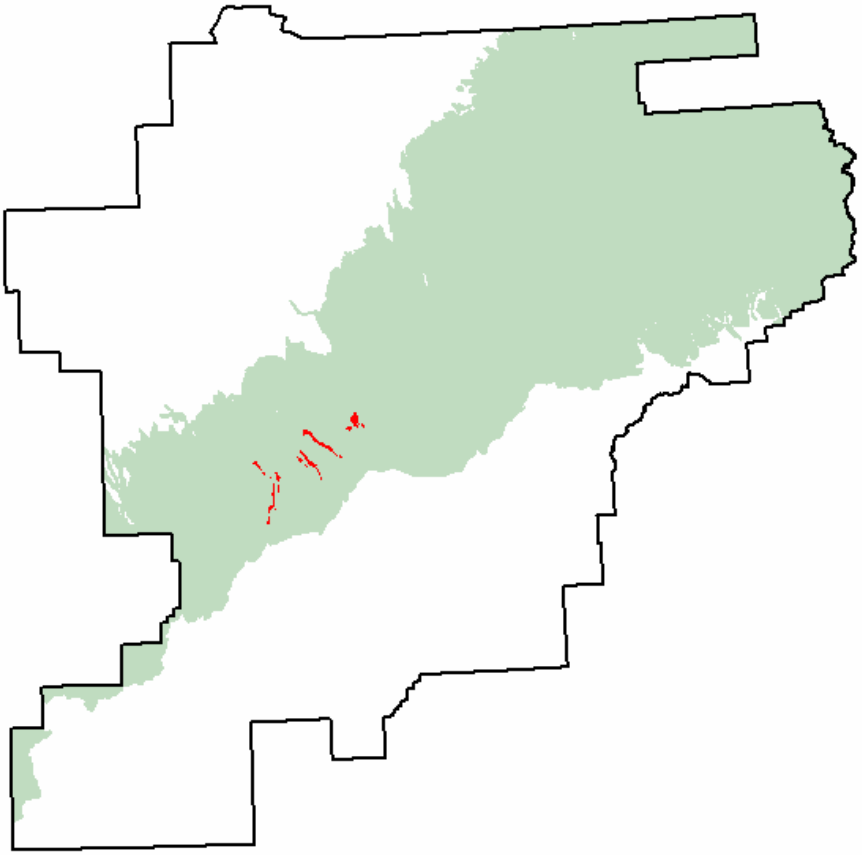
Distribution of map unit 7AFF (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

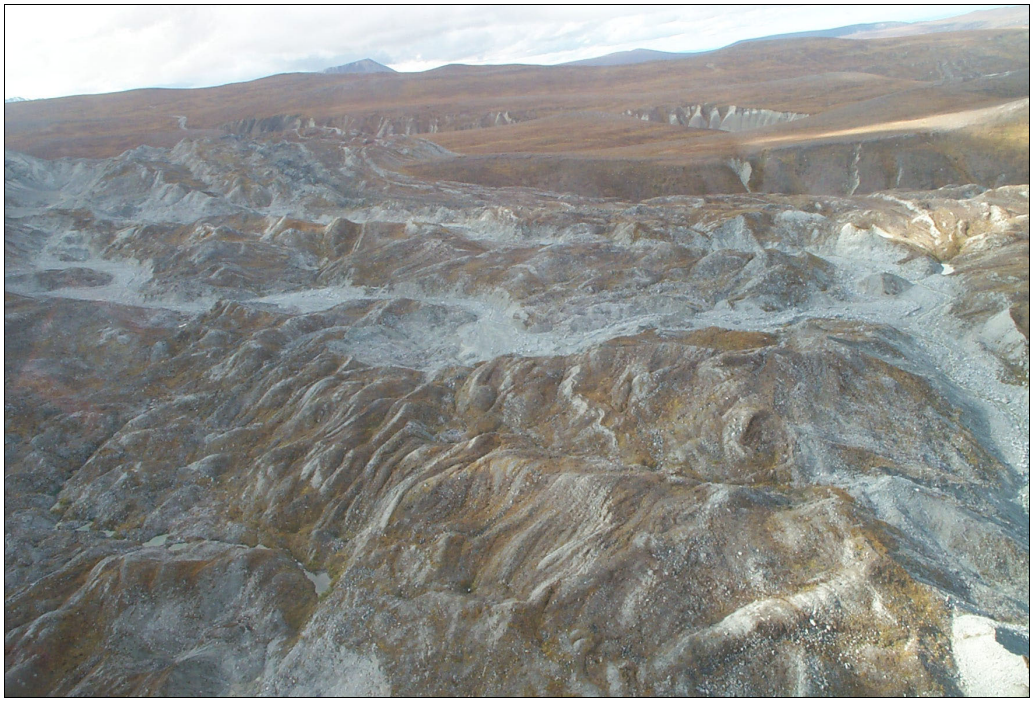


Distribution of map unit 7CE (red) within the Alaska Mountains Section (gray) and typical landscape photo.

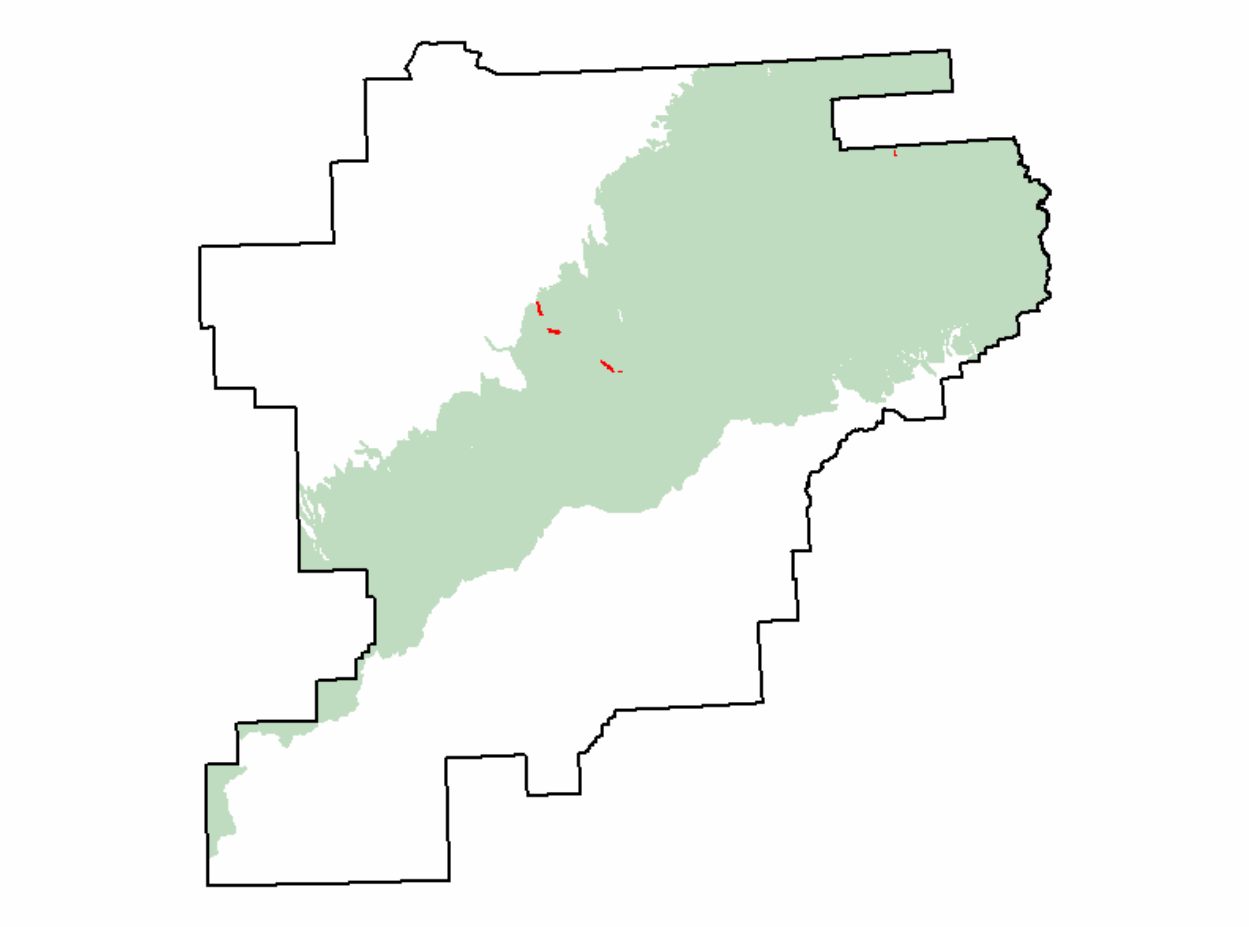


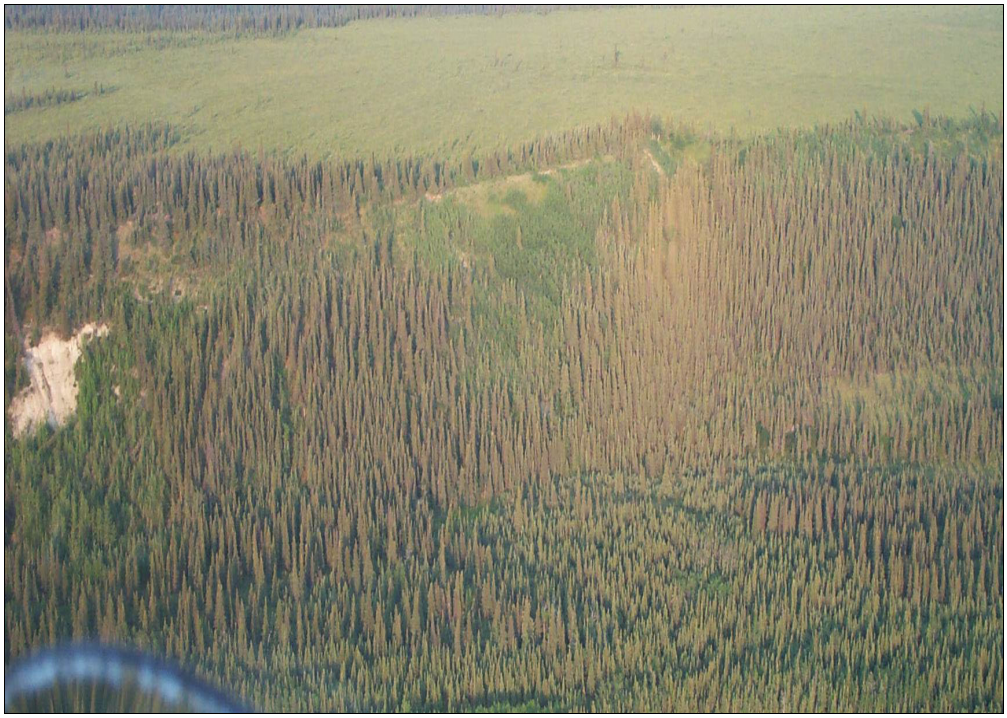
Distribution of map unit 7CEF (red) within the Alaska Mountains Section (gray) and typical landscape photo.



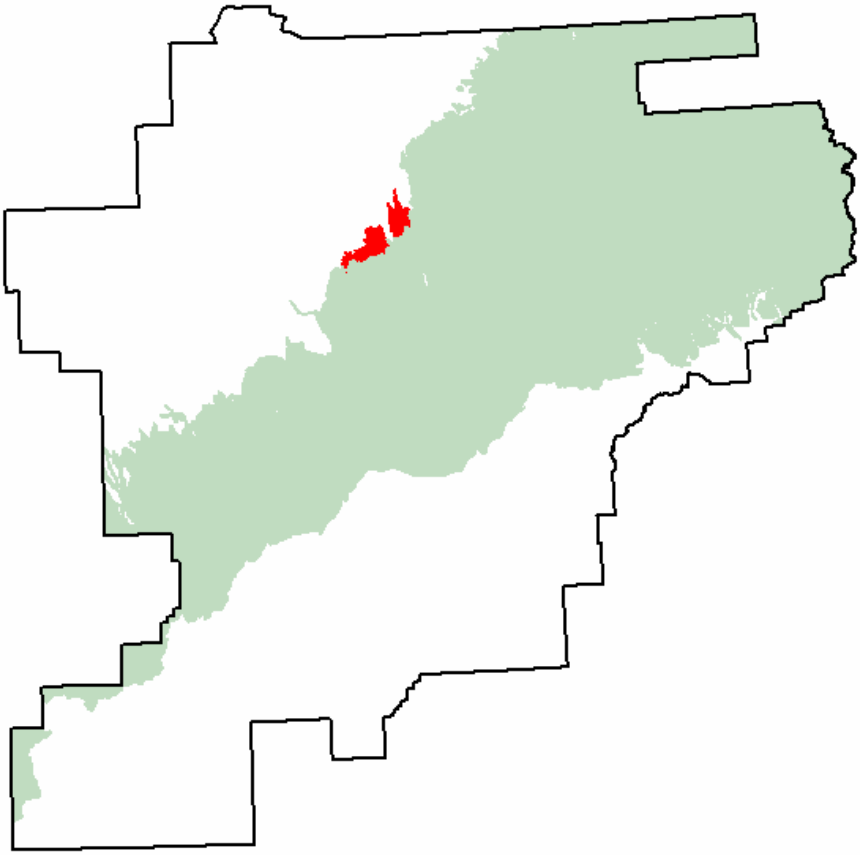


Distribution of map unit 7ES (red) within the Alaska Mountains Section (gray) and typical landscape photo.

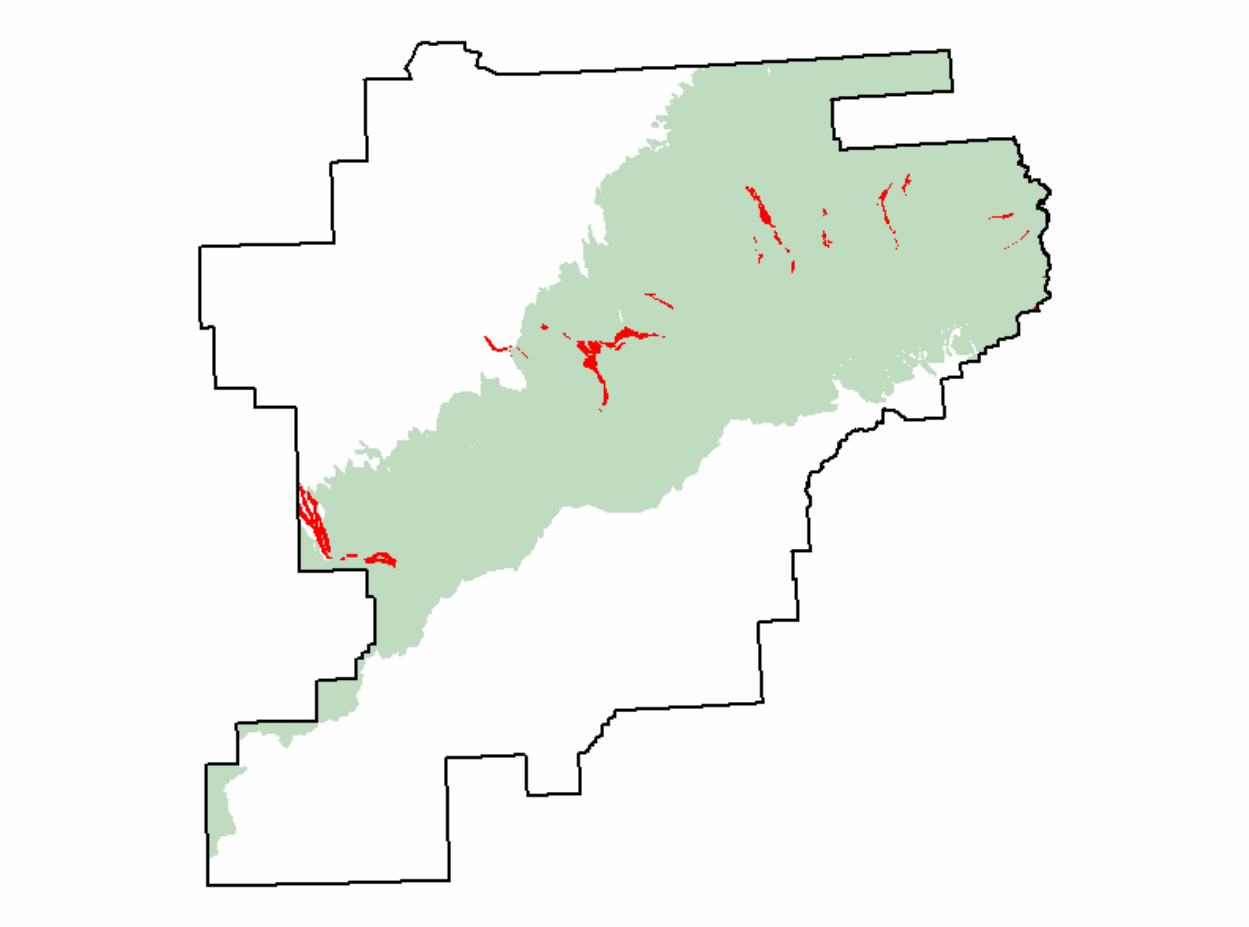




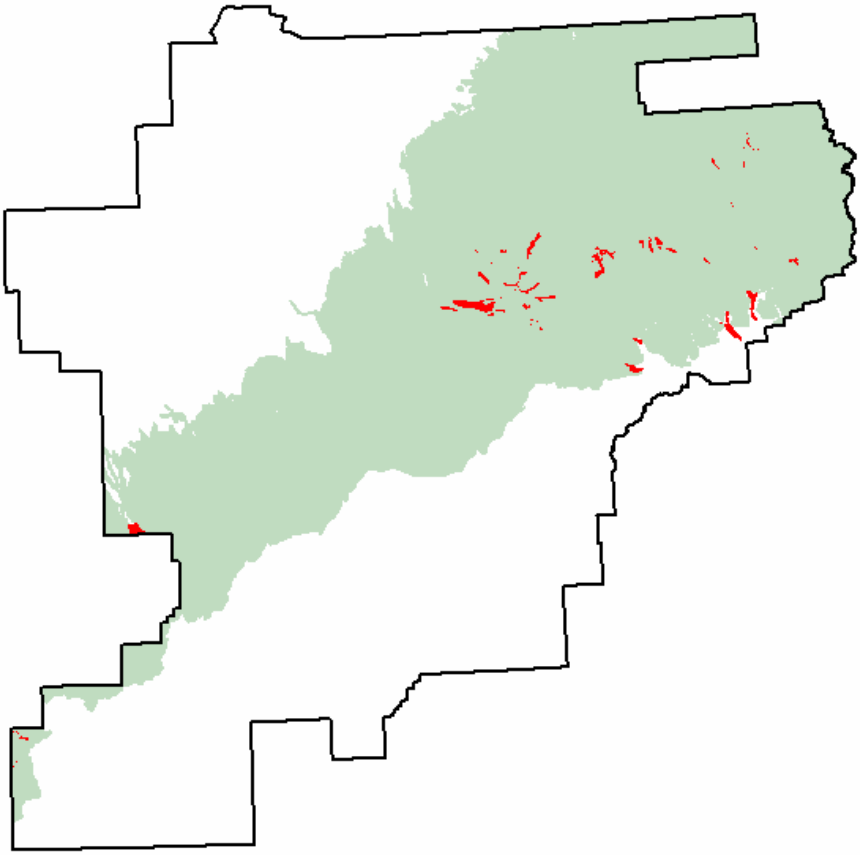
Distribution of map unit 7FGA (red) within the Alaska Mountains Section (gray) and typical landscape photo.



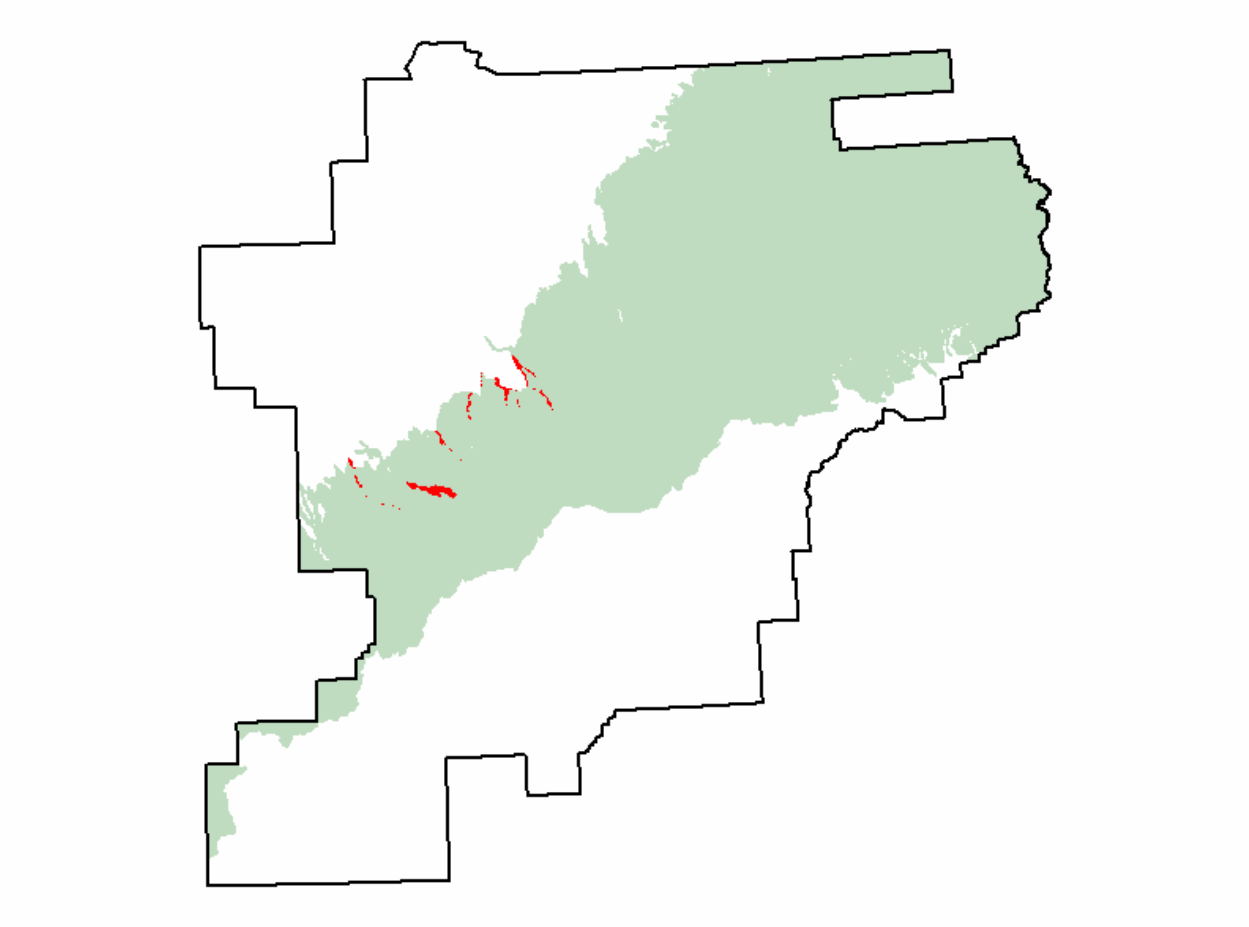
Distribution of map unit 7FP1 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



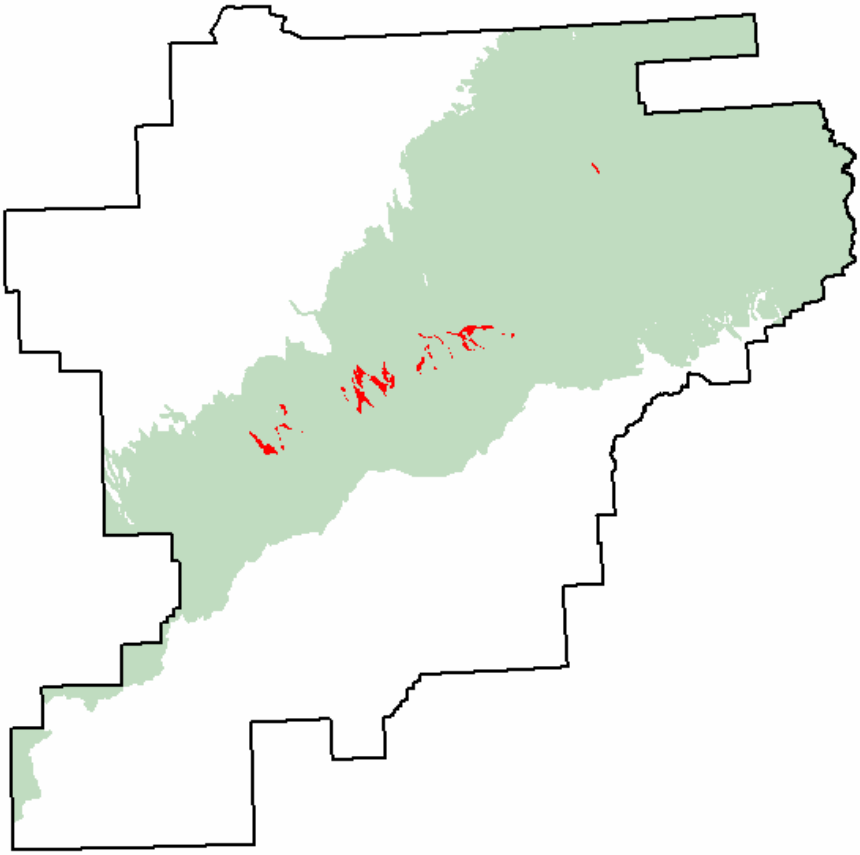
Distribution of map unit 7FP2 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



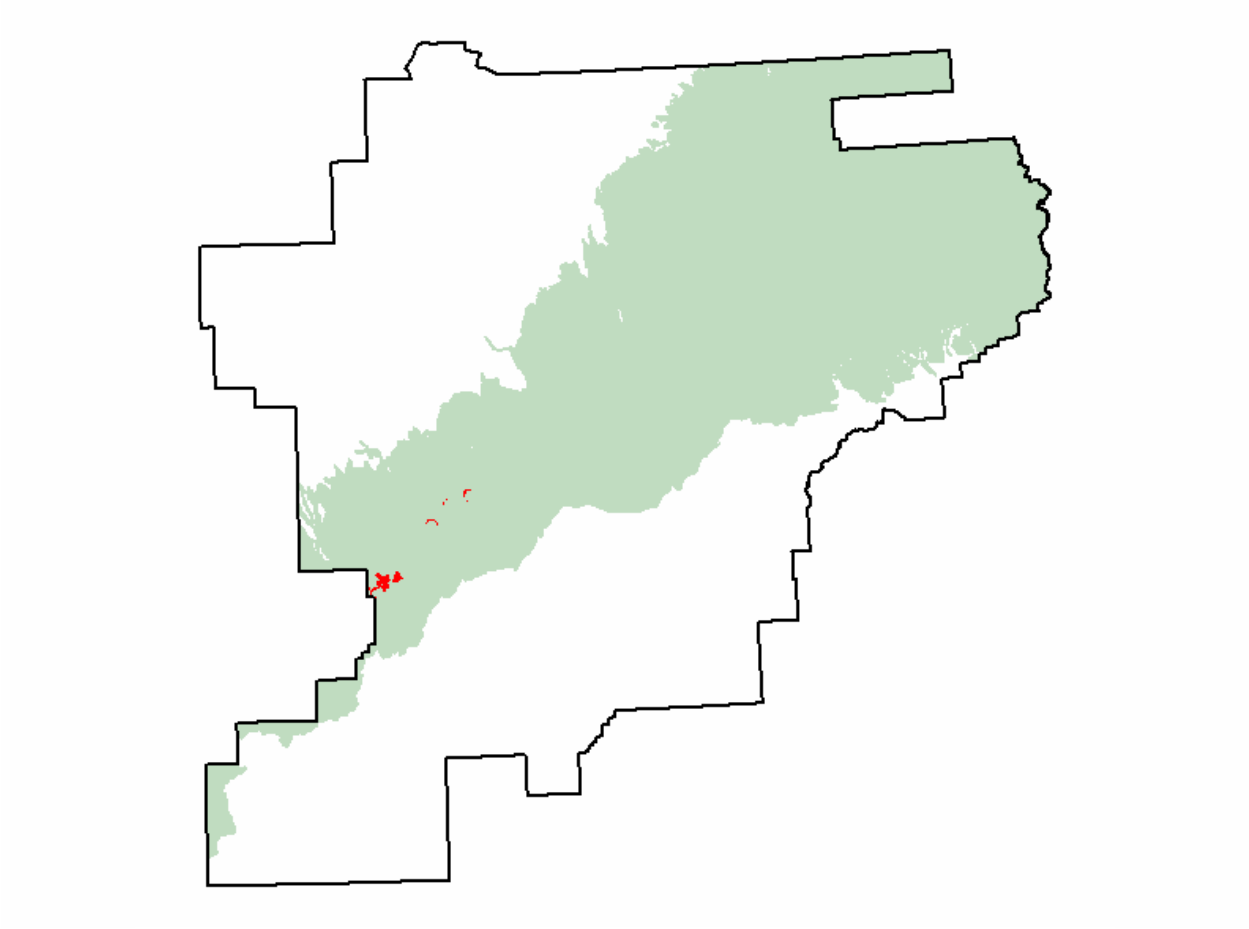
Distribution of map unit 7FP11 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



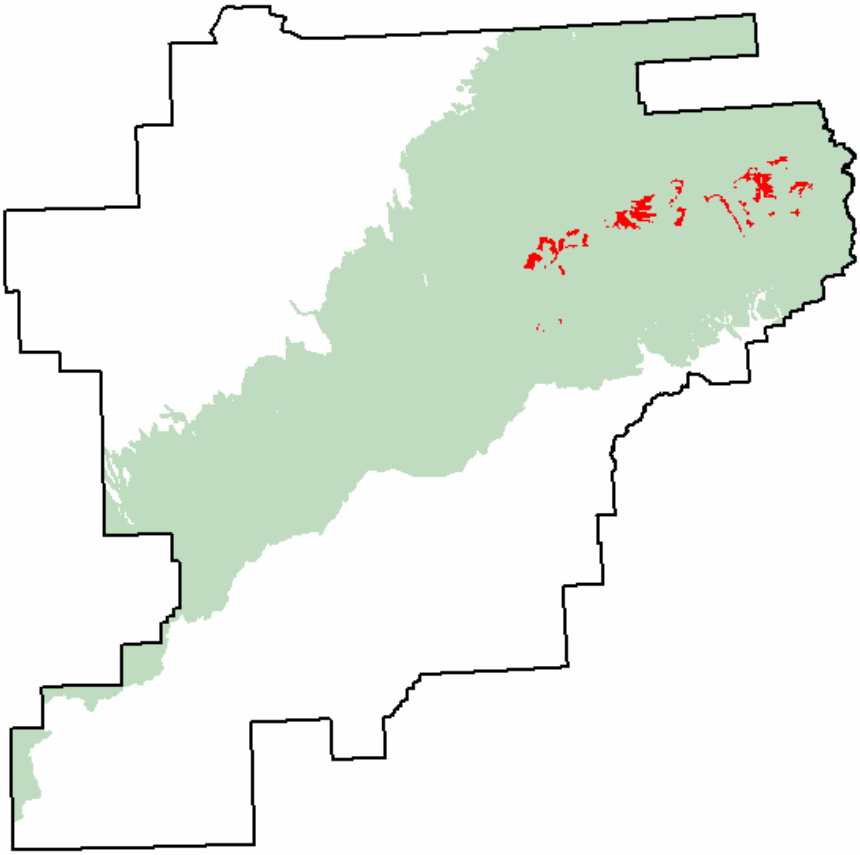
Distribution of map unit 7FP21 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



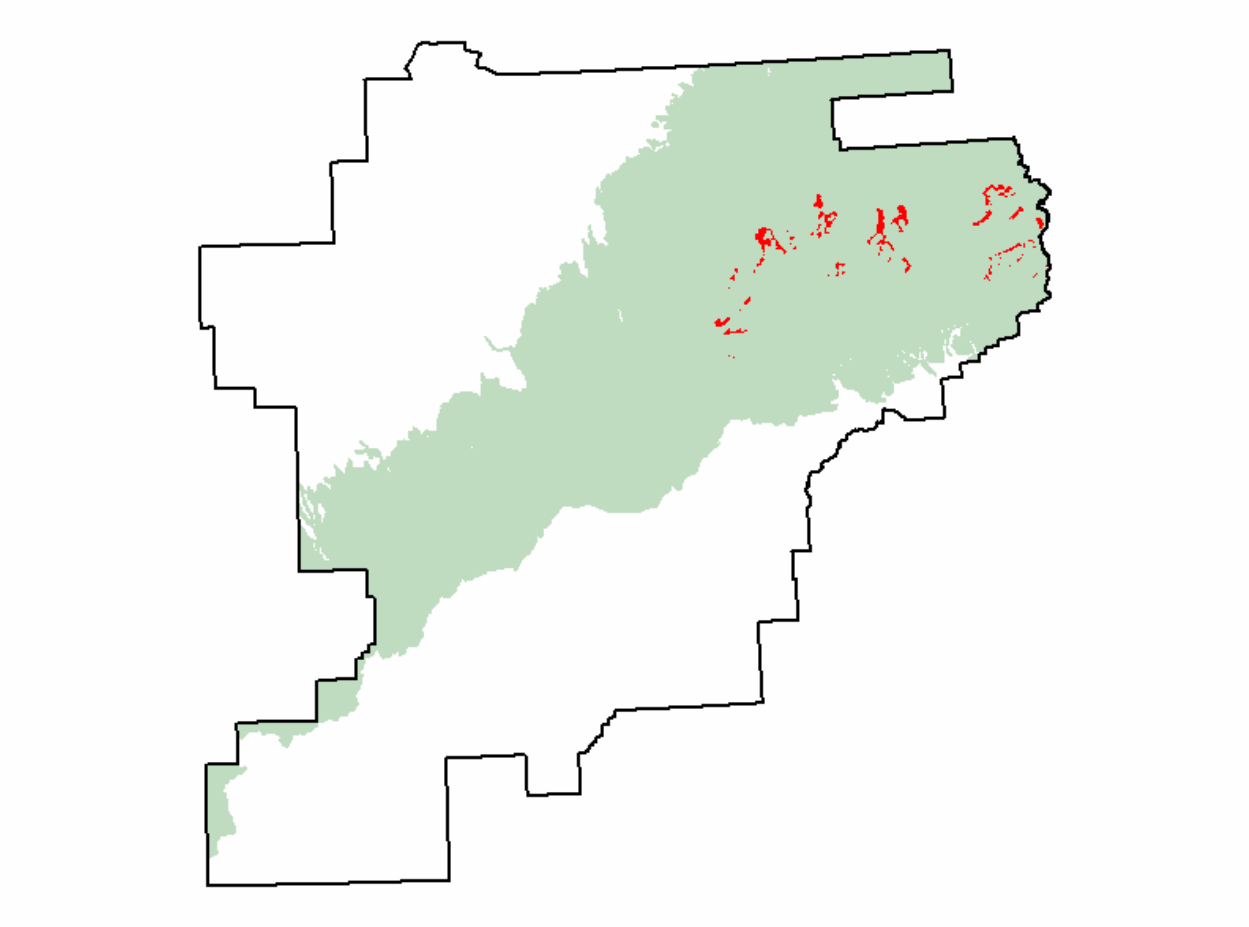
Distribution of map unit 7MFA (red) within the Alaska Mountains Section (gray) and typical landscape photo.

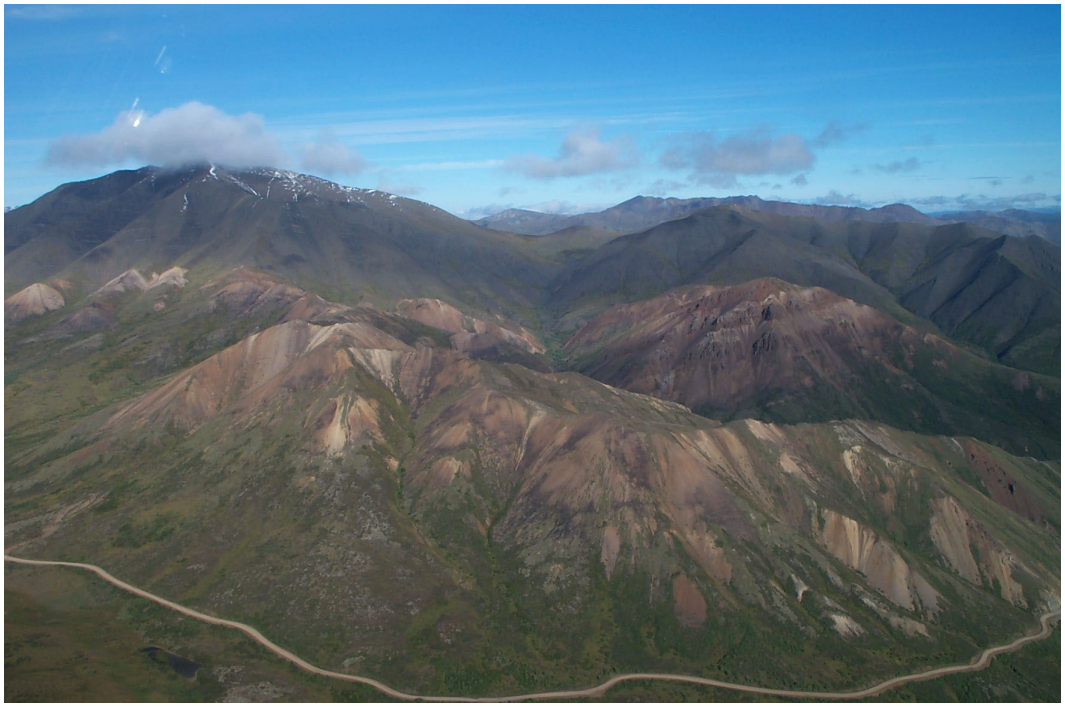


Distribution of map unit 7MS1D (red) within the Alaska Mountains Section (gray) and typical landscape photo.

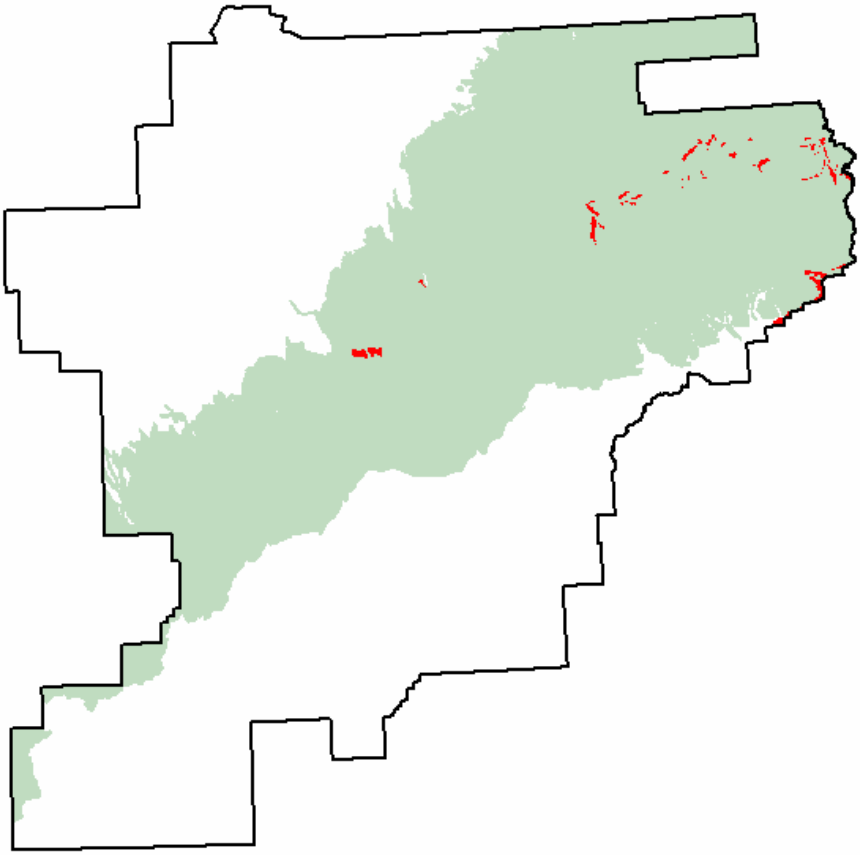


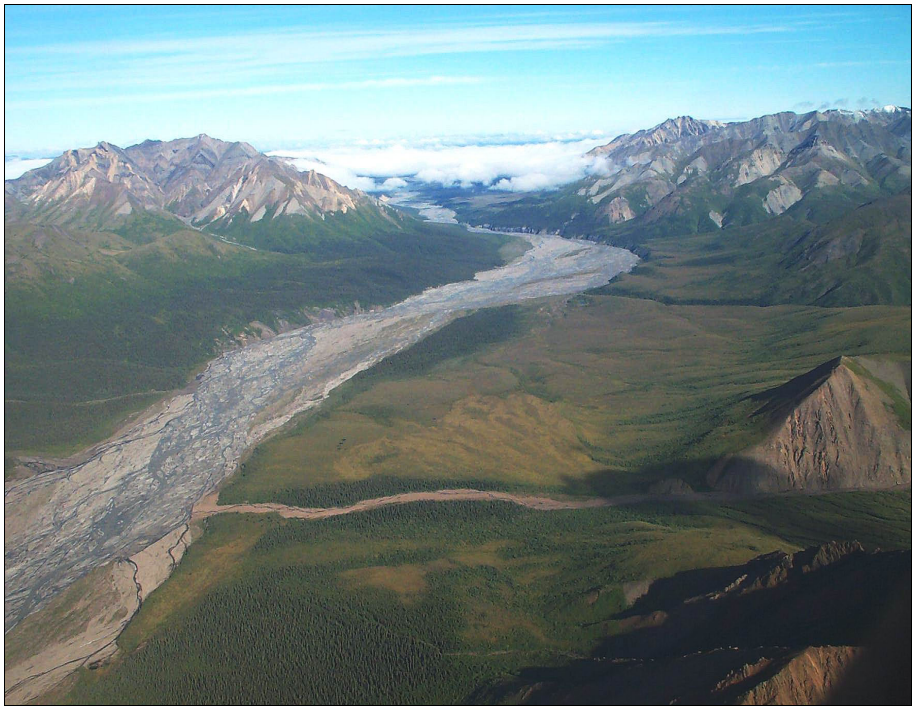
Distribution of map unit 7MS1L (red) within the Alaska Mountains Section (gray) and typical landscape photo.



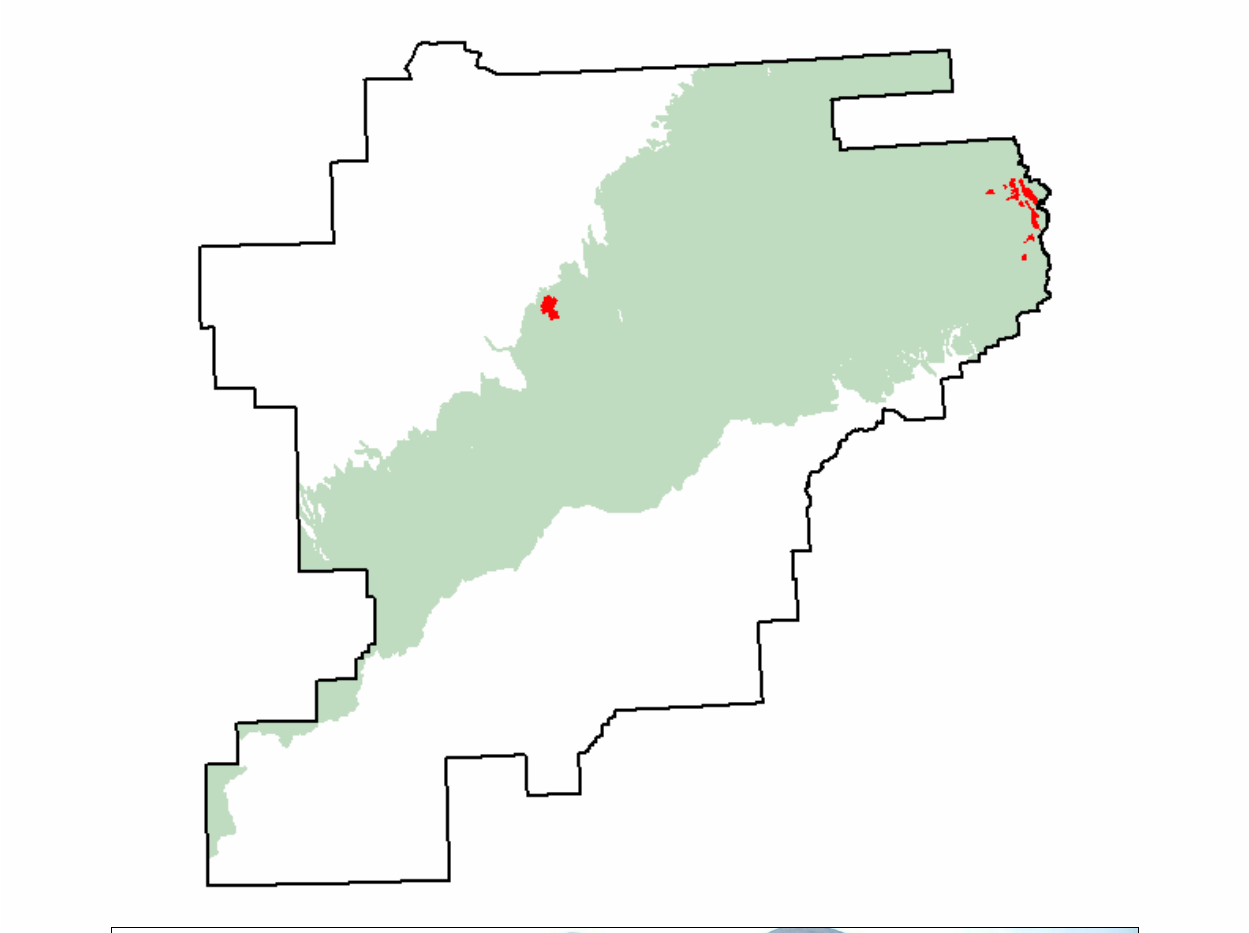


Distribution of map unit 7MS2 (red) within the Alaska Mountains Section (gray) and typical landscape photo (left mid-ground).

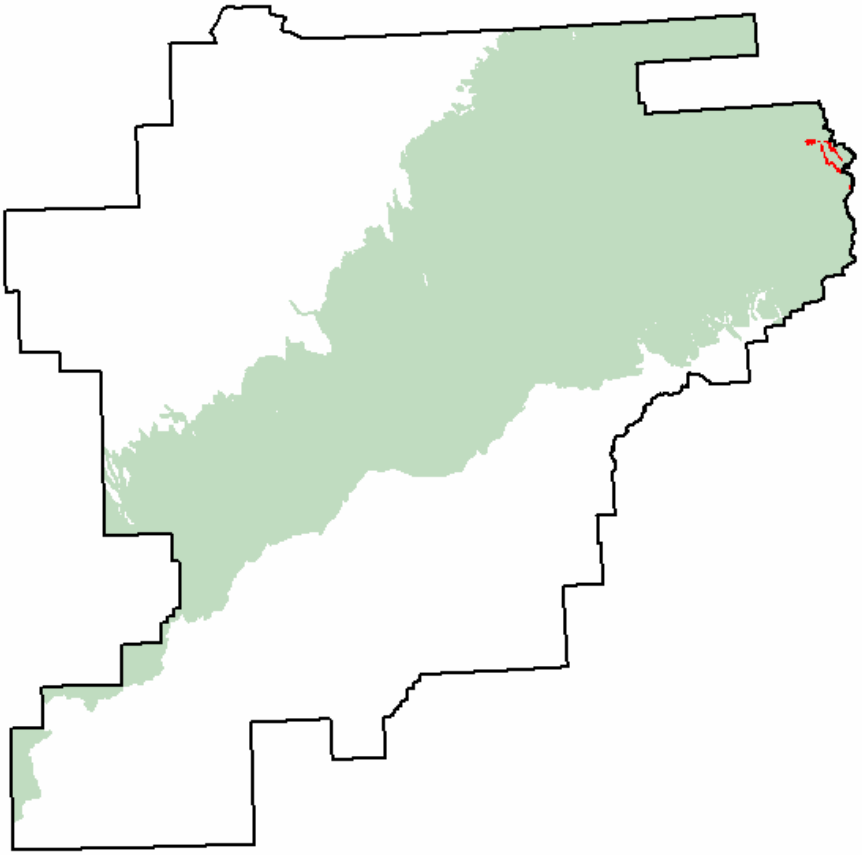




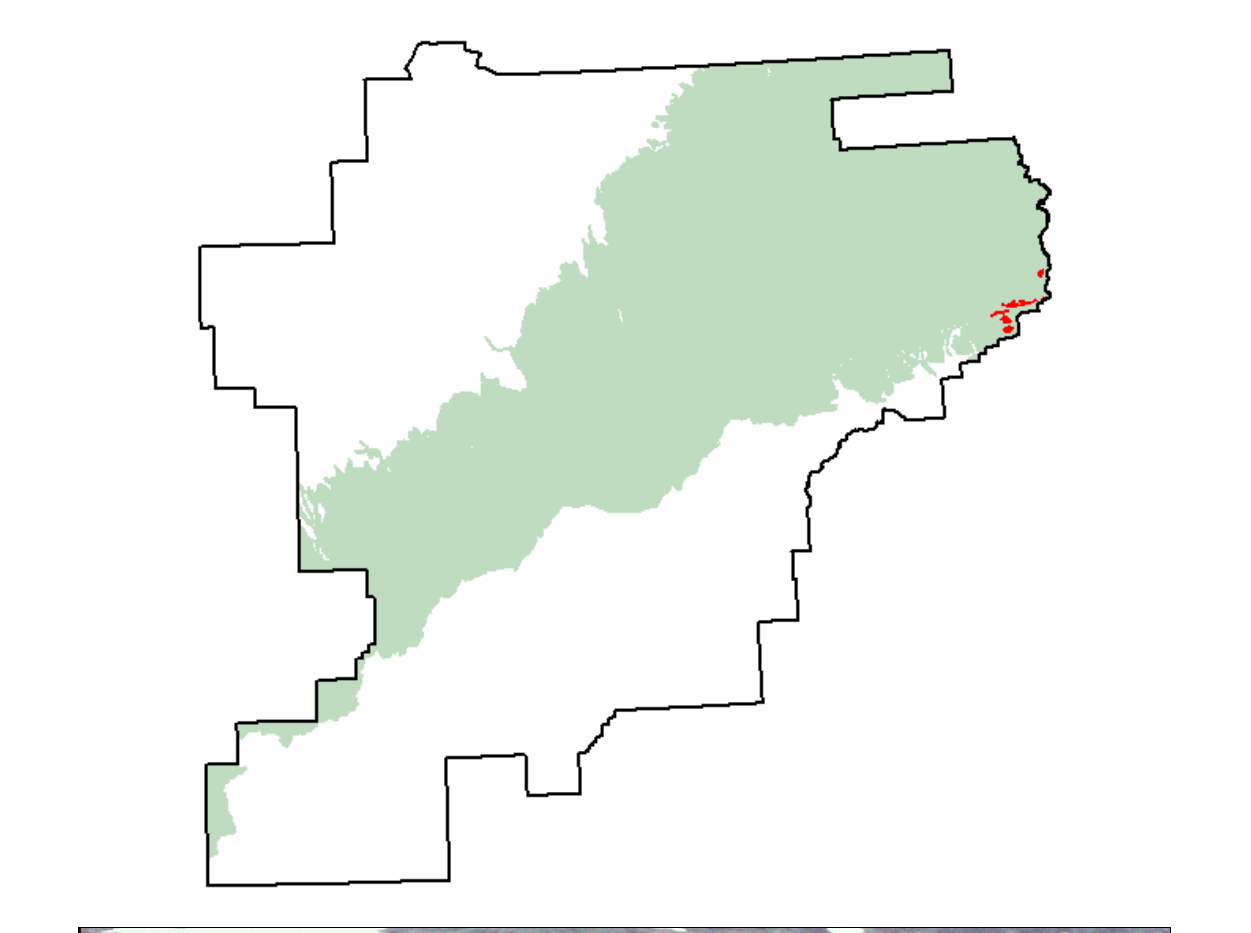
Distribution of map unit 7MS3 (red) within the Alaska Mountains Section (gray) and typical landscape photo.

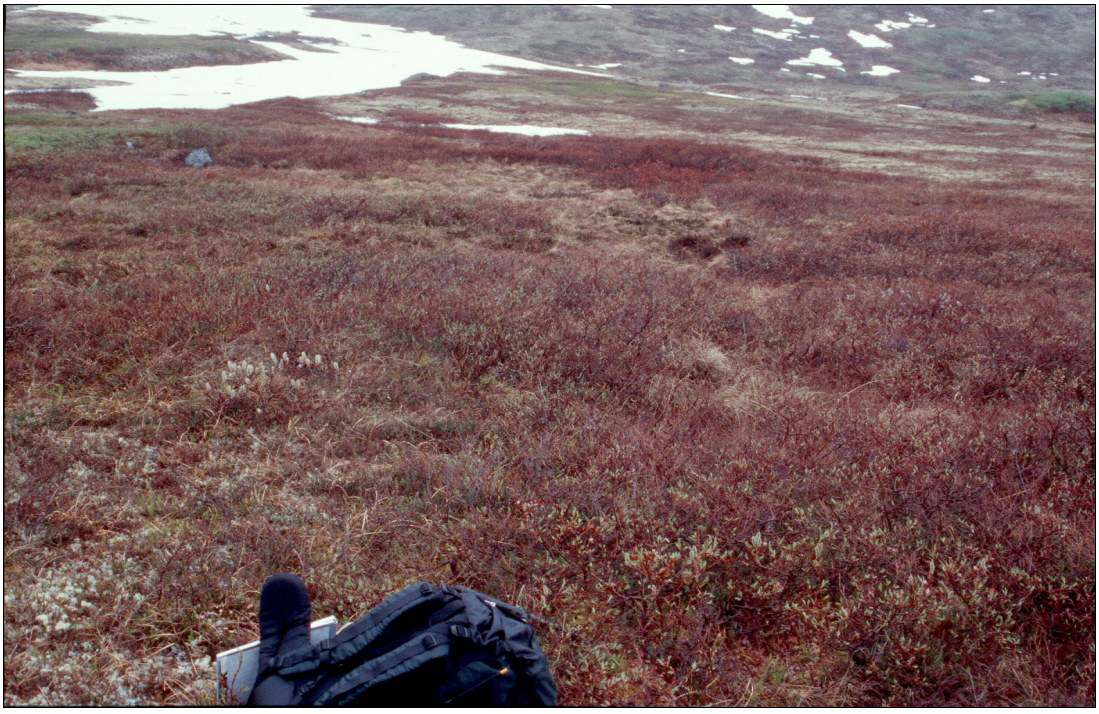


Distribution of map unit 7MS4 (red) within the Alaska Mountains Section (gray) and typical landscape photo (left mid-ground).

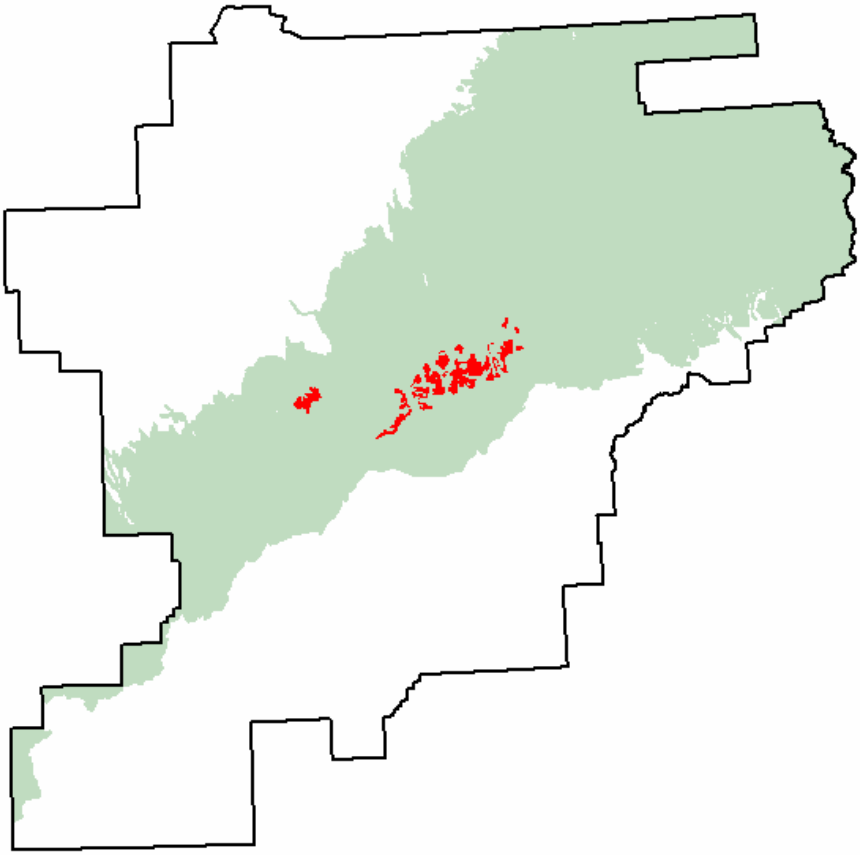


Distribution of map unit 7MS31 (red) within the Alaska Mountains Section (gray) and typical landscape photo.

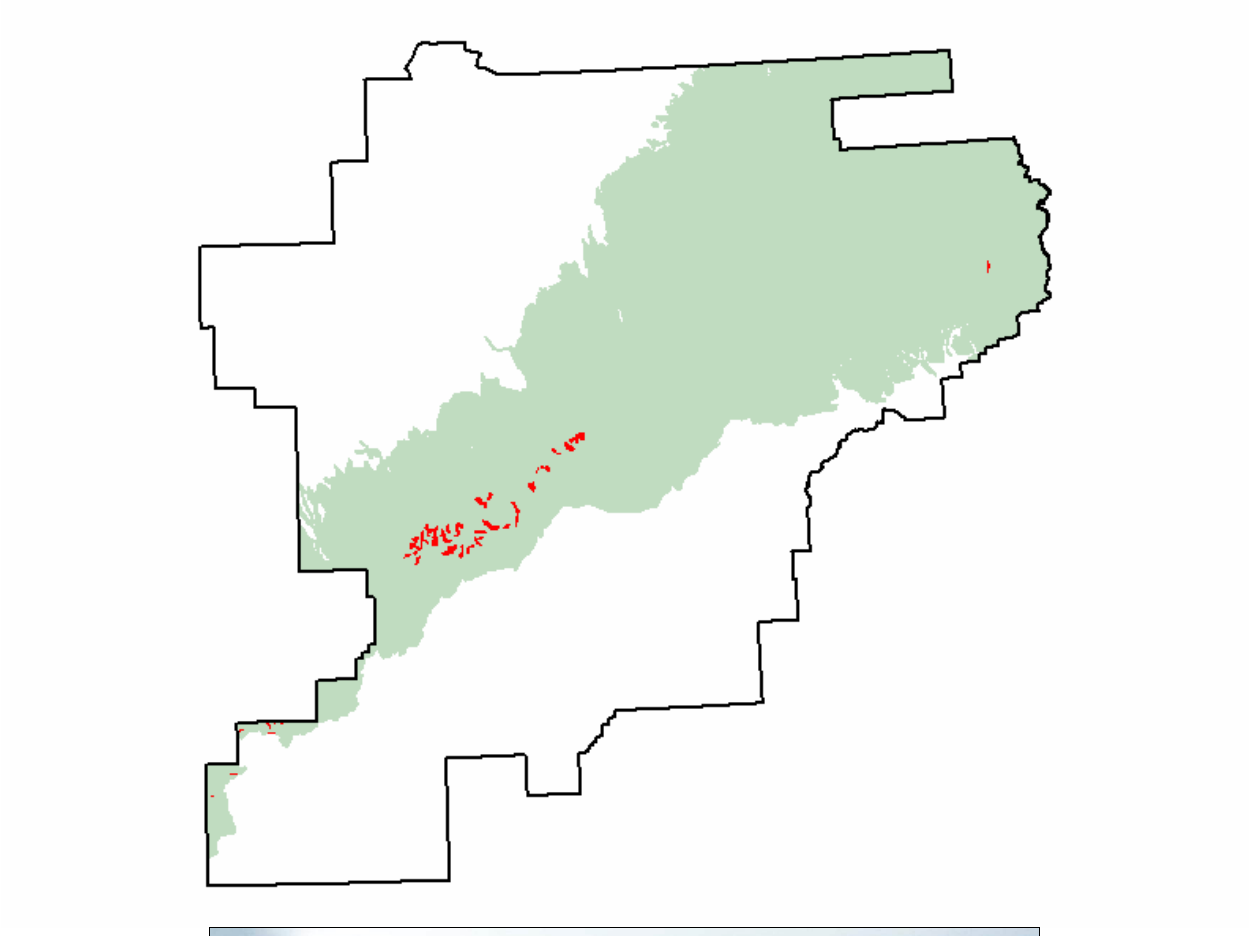




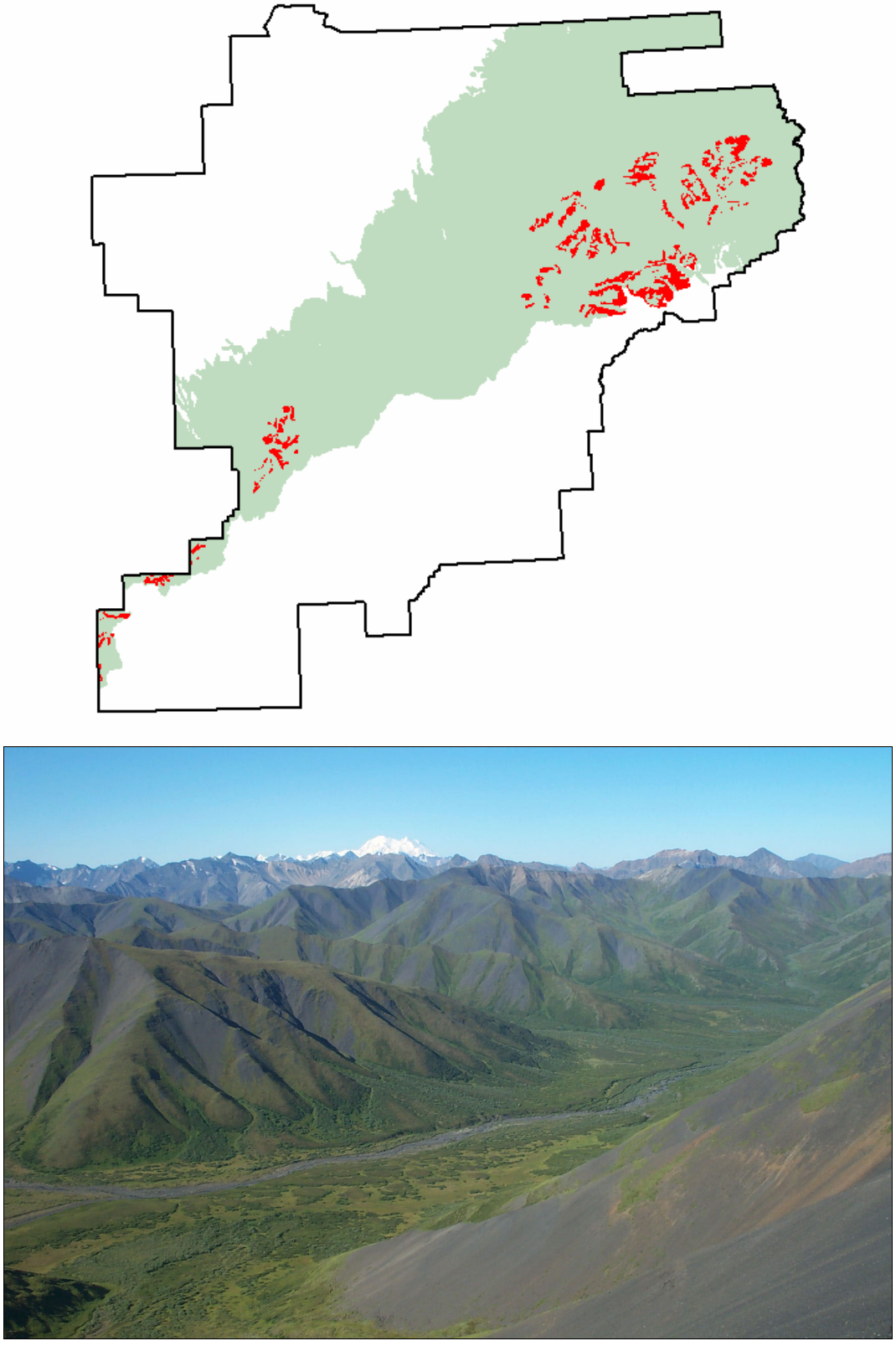
Distribution of map unit 7MSA (red) within the Alaska Mountains Section (gray) and typical landscape photo (photo left).



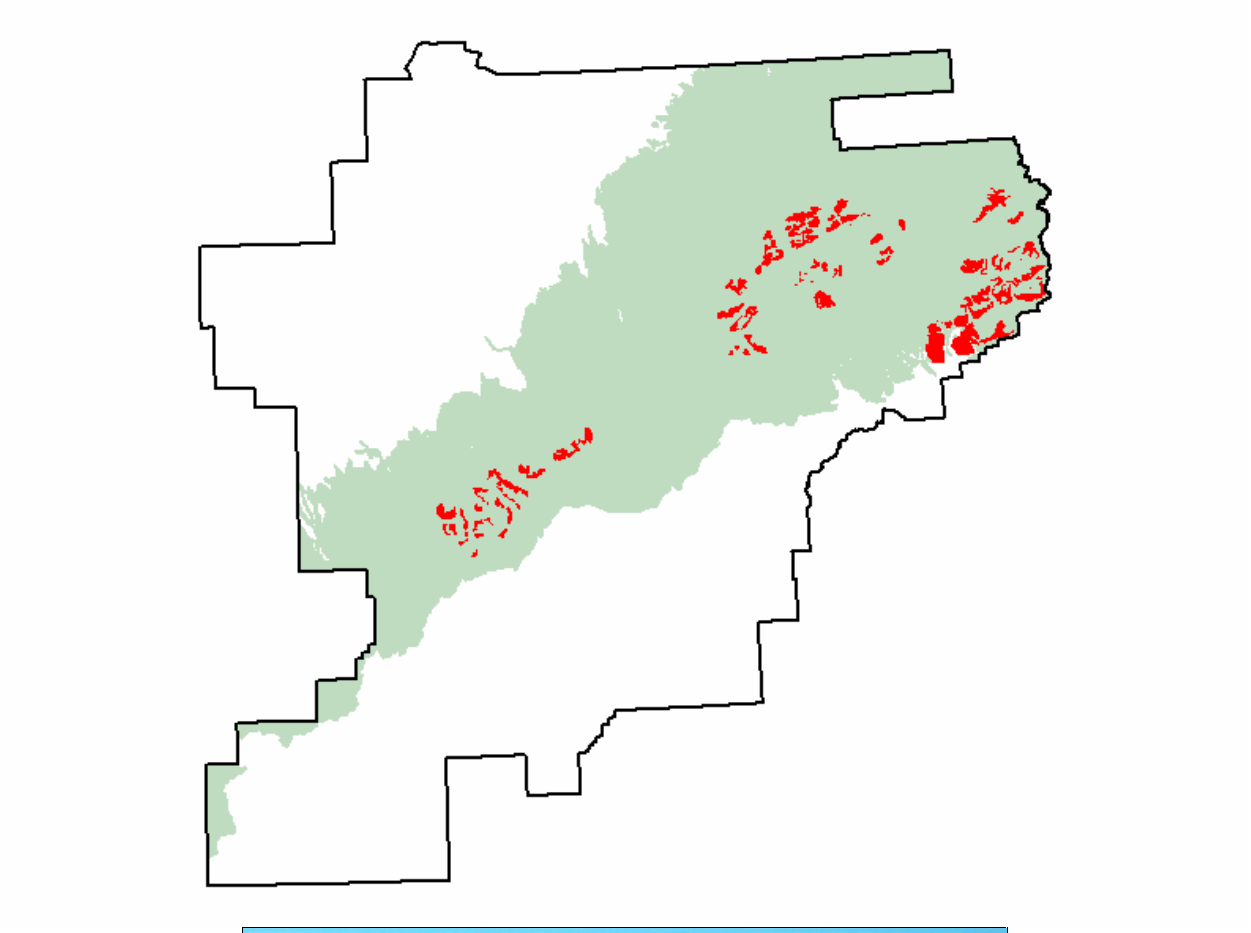
Distribution of map unit 7MSC (red) within the Alaska Mountains Section (gray) and typical landscape photo (photo right).

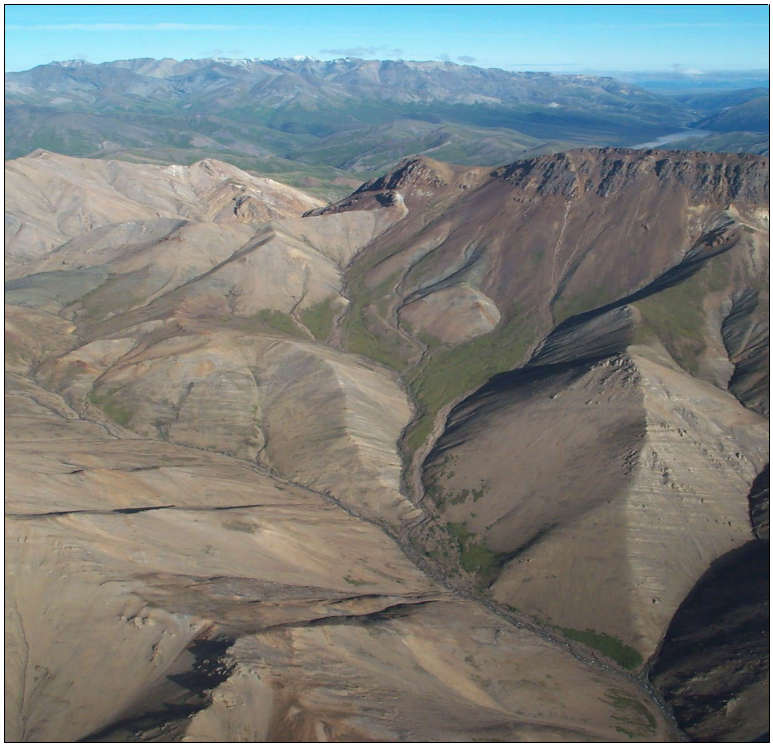


Distribution of map unit 7MSHD (red) within the Alaska Mountains Section (gray) and typical landscape photo (background).

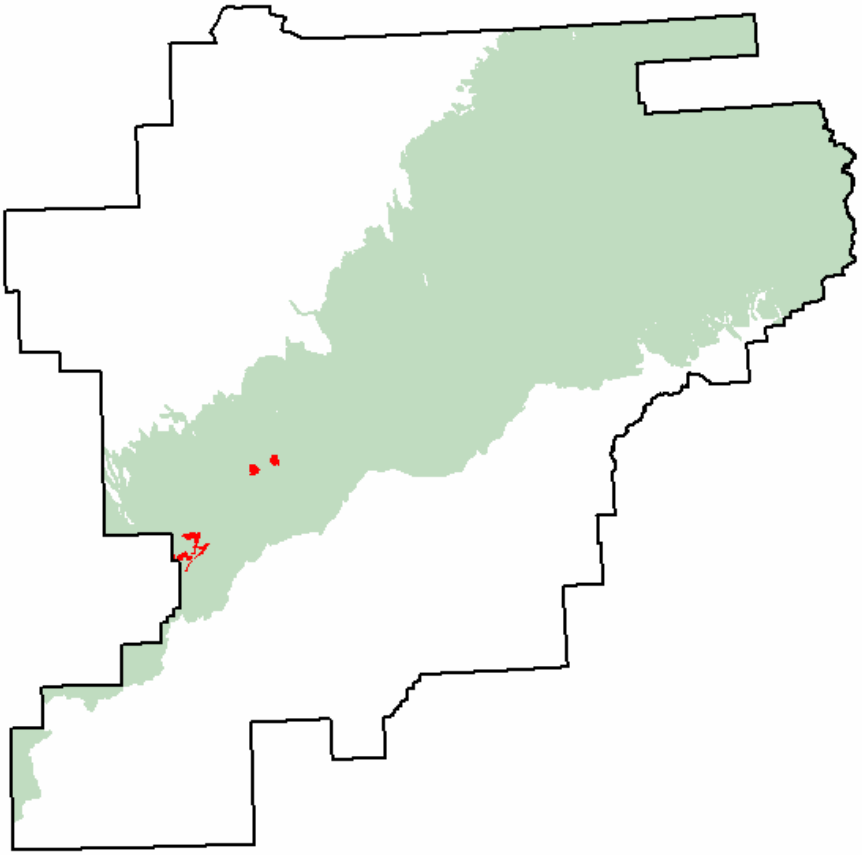


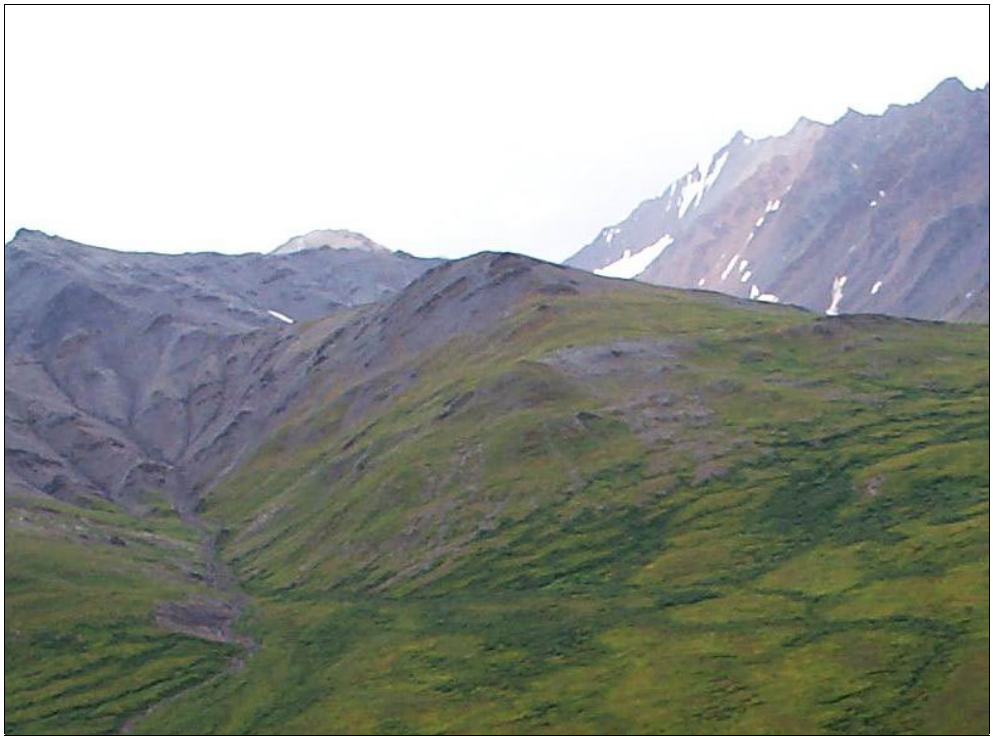
Distribution of map unit 7MSHL (red) within the Alaska Mountains Section (gray) and typical landscape photo.



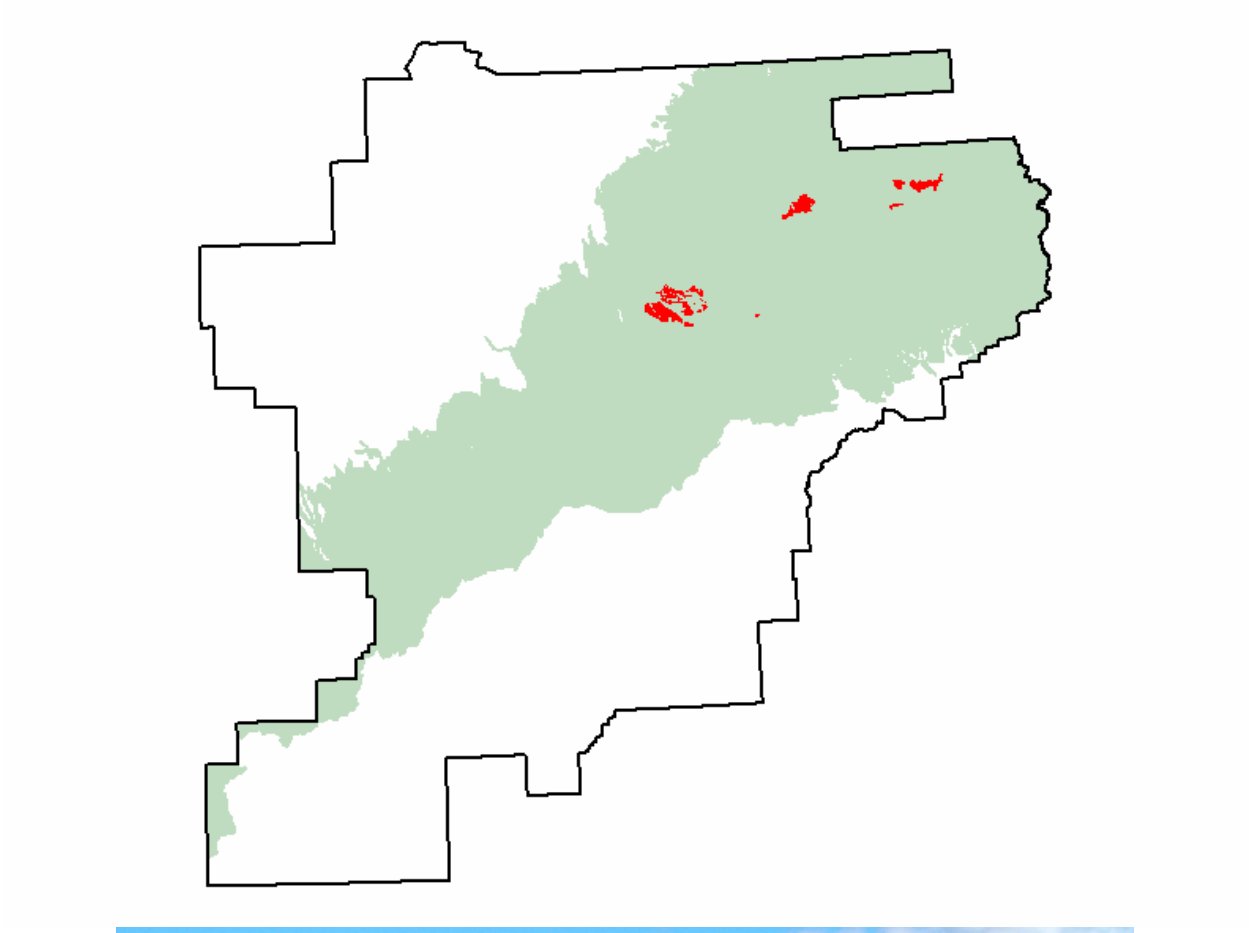


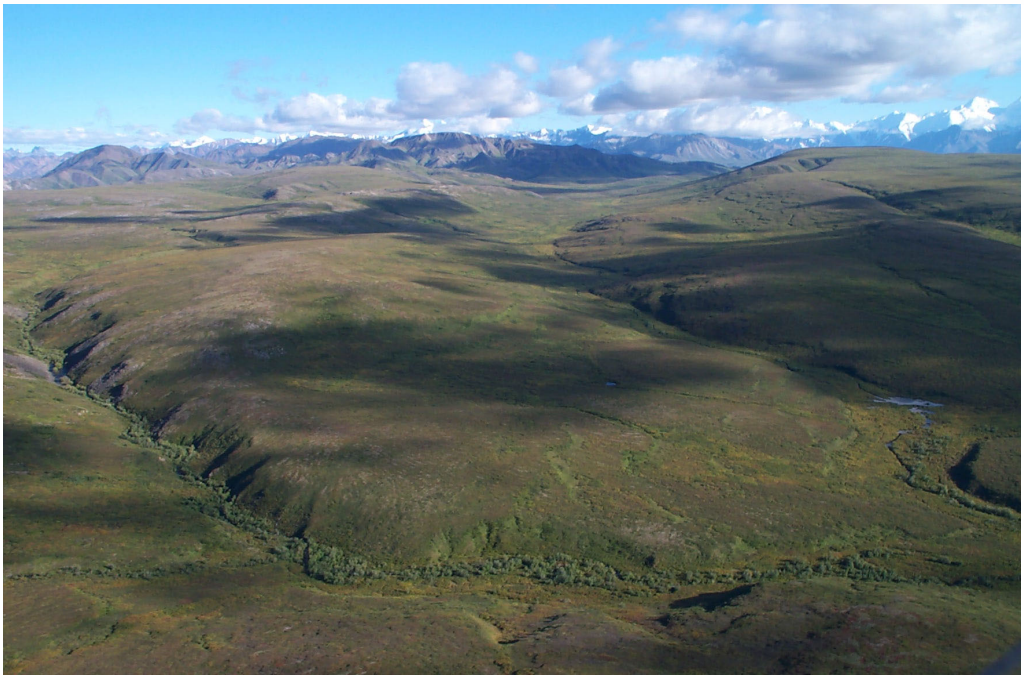
Distribution of map unit 7MSHS (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).



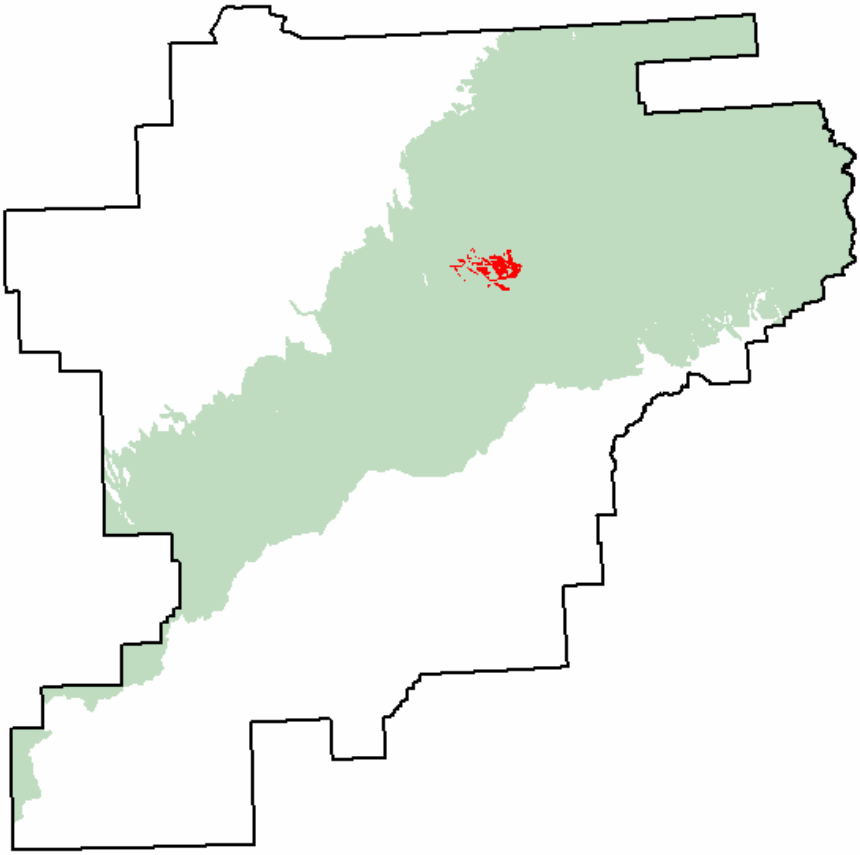


Distribution of map unit 7NG (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

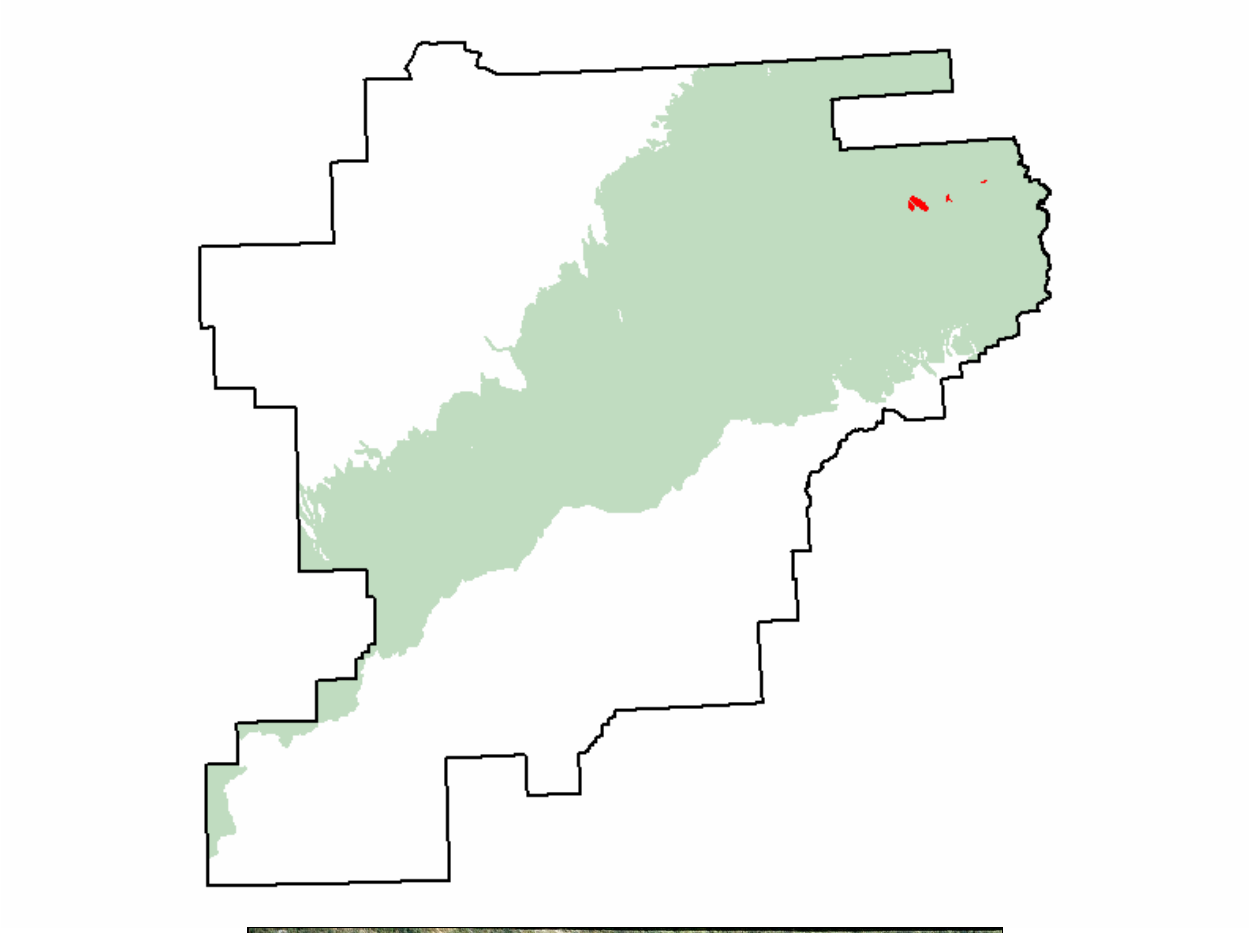




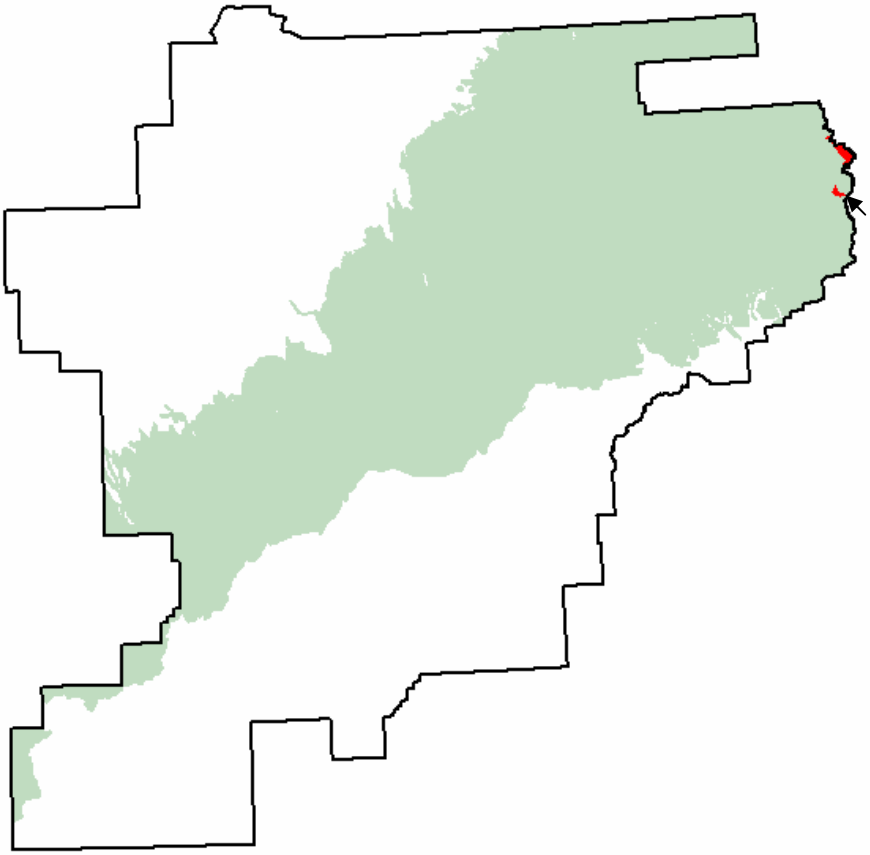
Distribution of map unit 7NG2 (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).



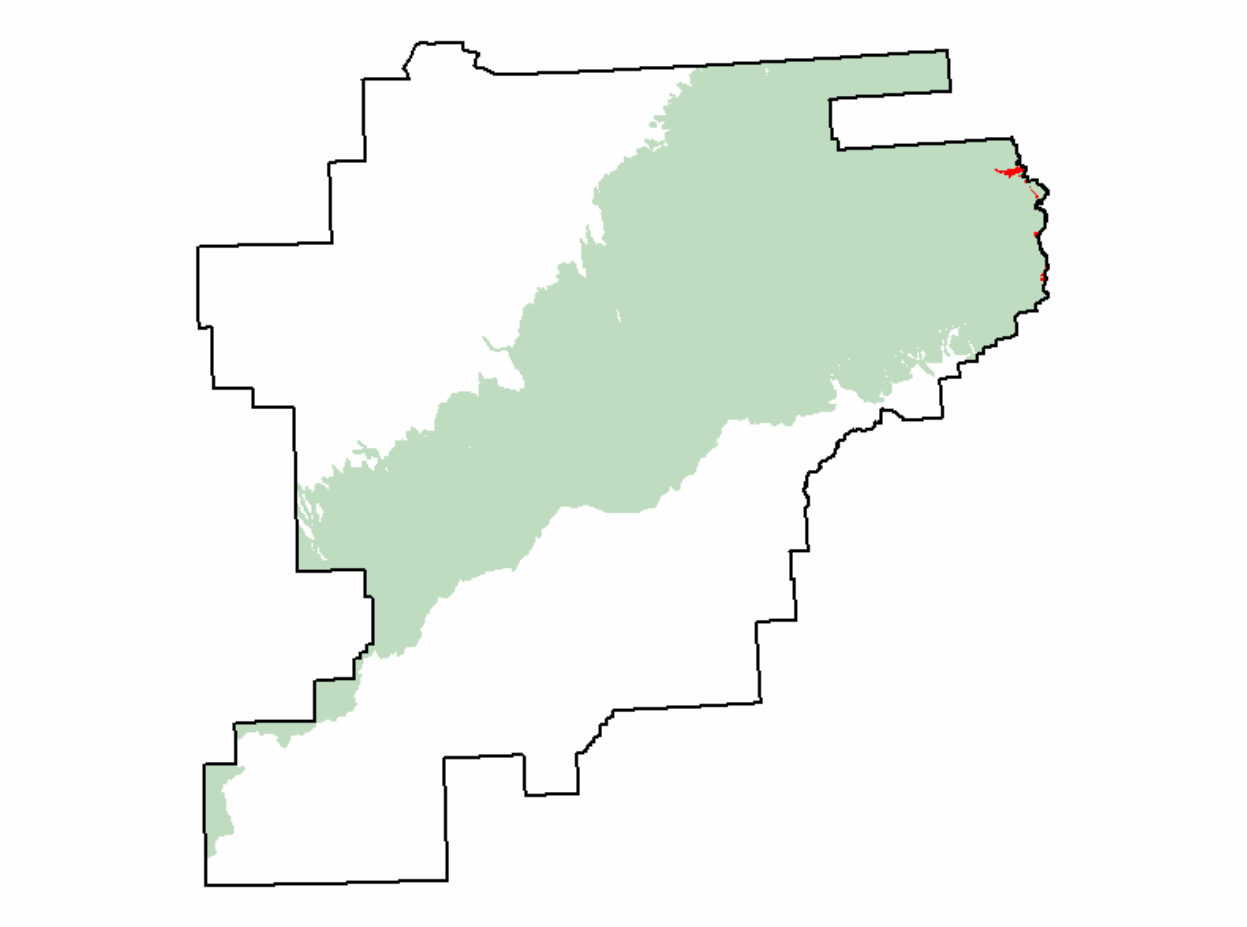
Distribution of map unit 7P1 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



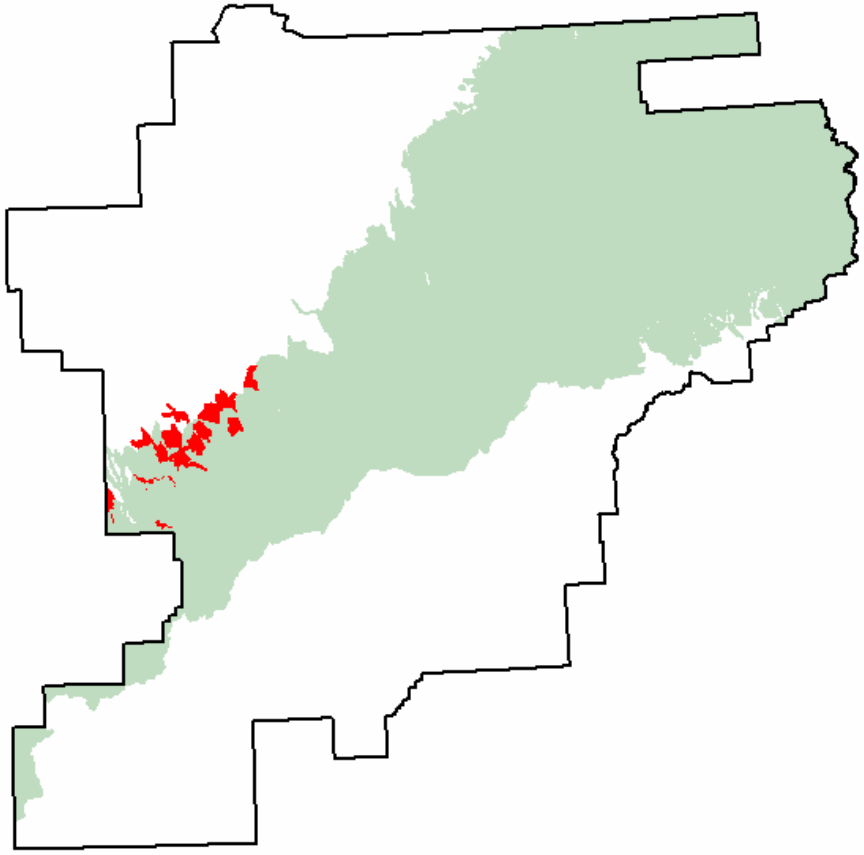
Distribution of map unit 7P2 (red) within the Alaska Mountains Section (gray) and typical landscape photo.

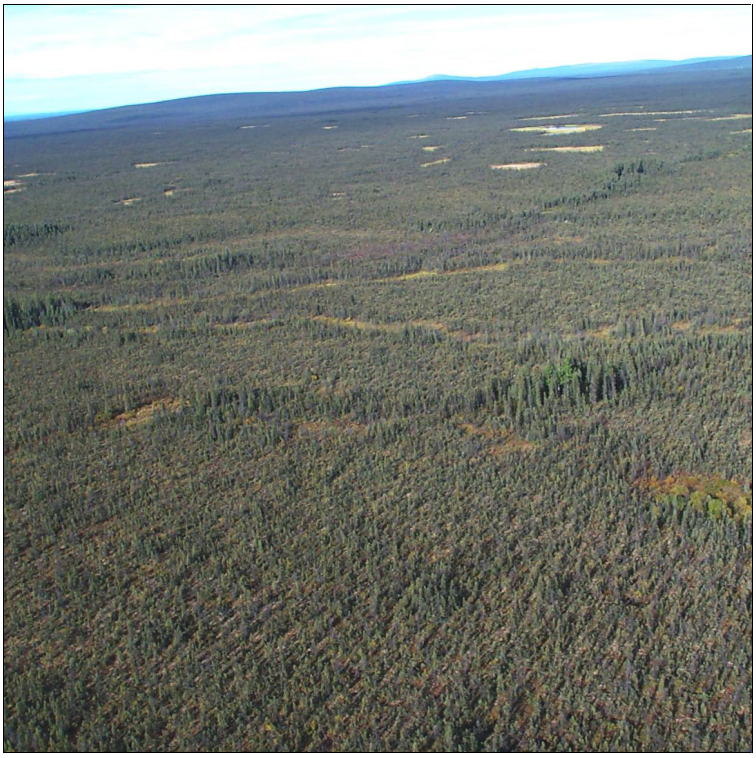


Distribution of map unit 7P4 (red) within the Alaska Mountains Section (gray) and typical landscape photo.

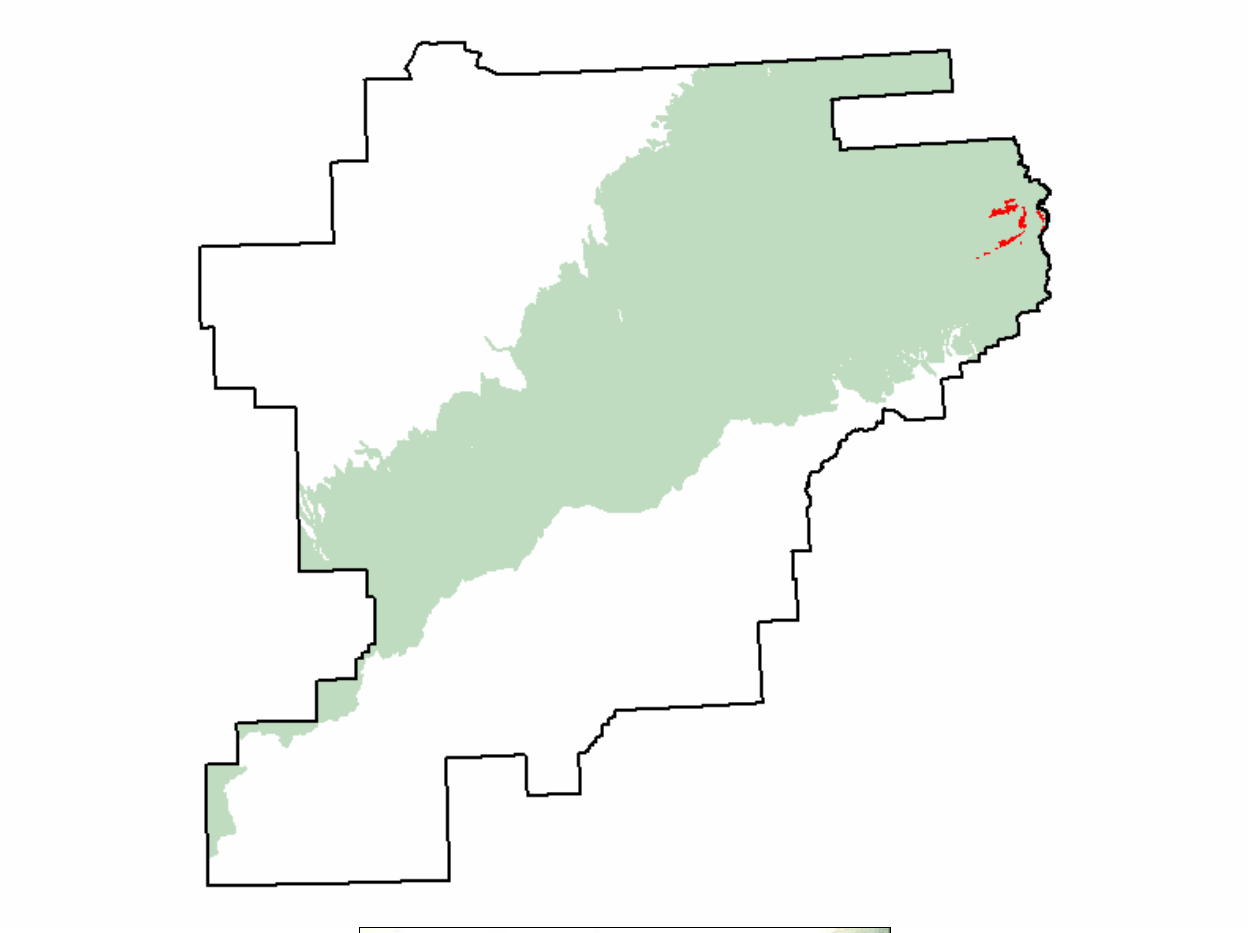


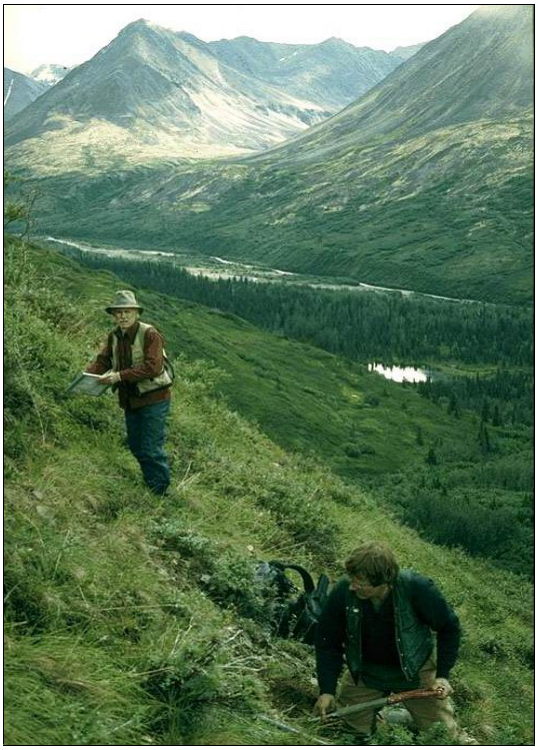
Distribution of map unit 7P6 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



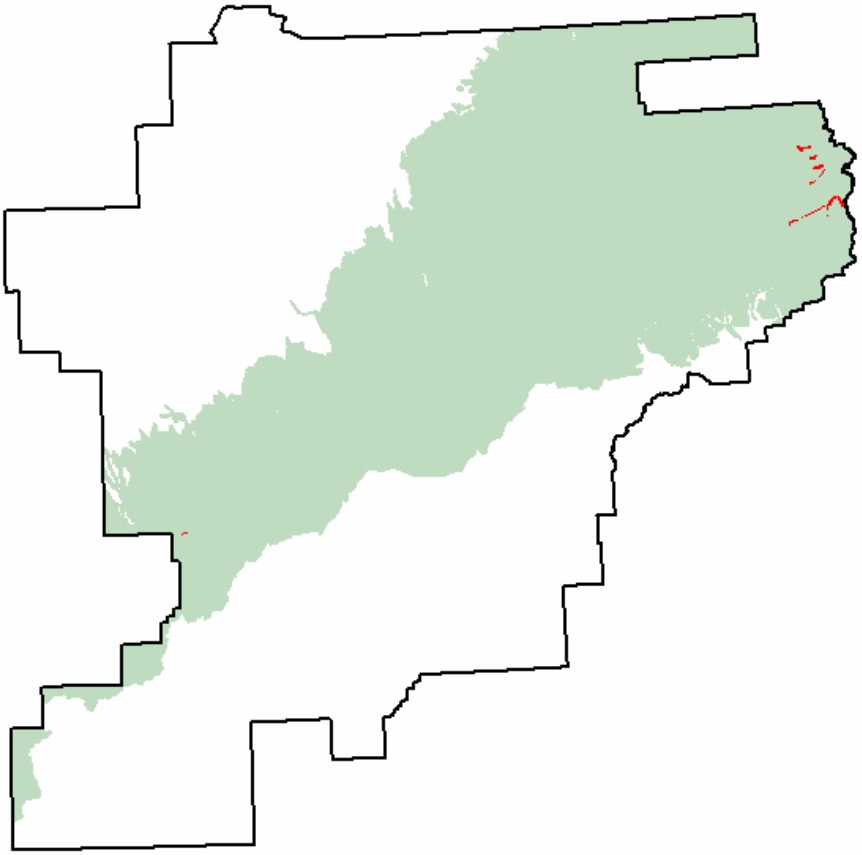


Distribution of map unit 7SA1 (red) within the Alaska Mountains Section (gray) and typical landscape photo.

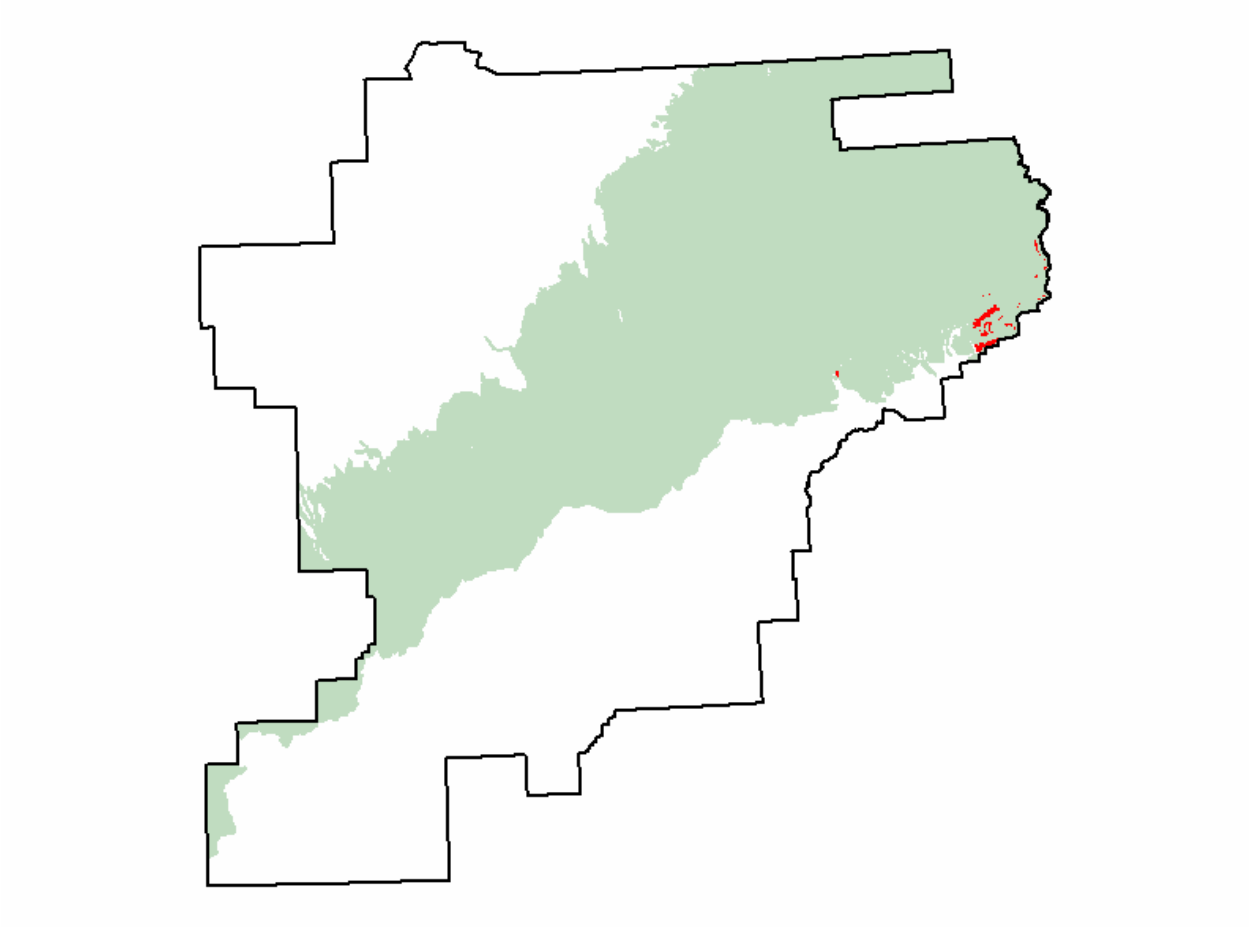




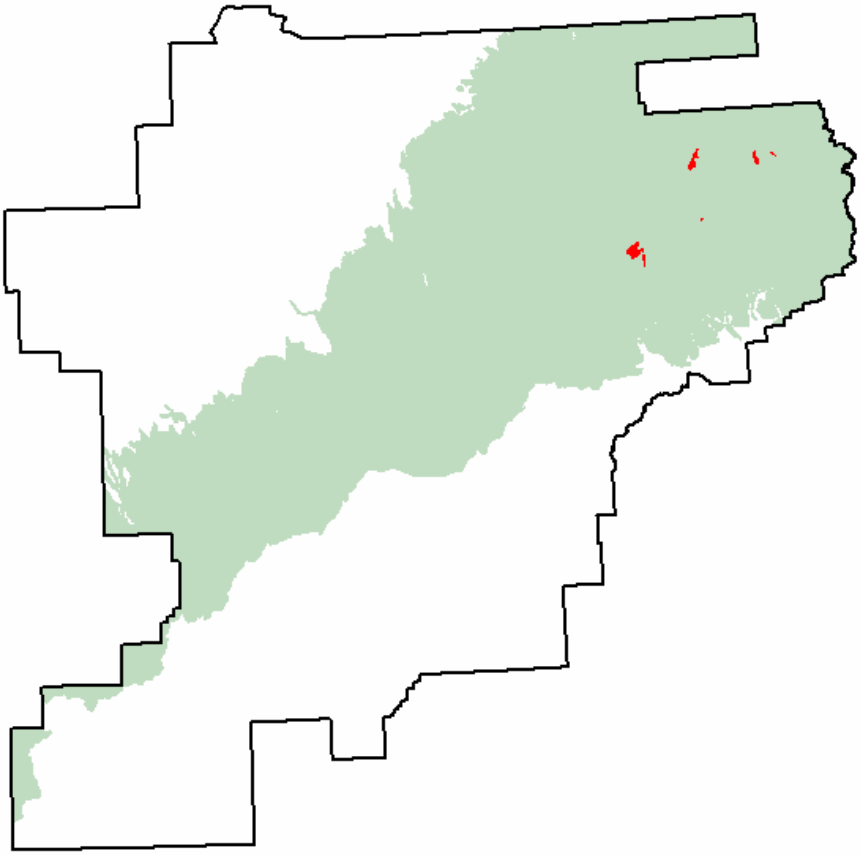
Distribution of map unit 7SA3 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

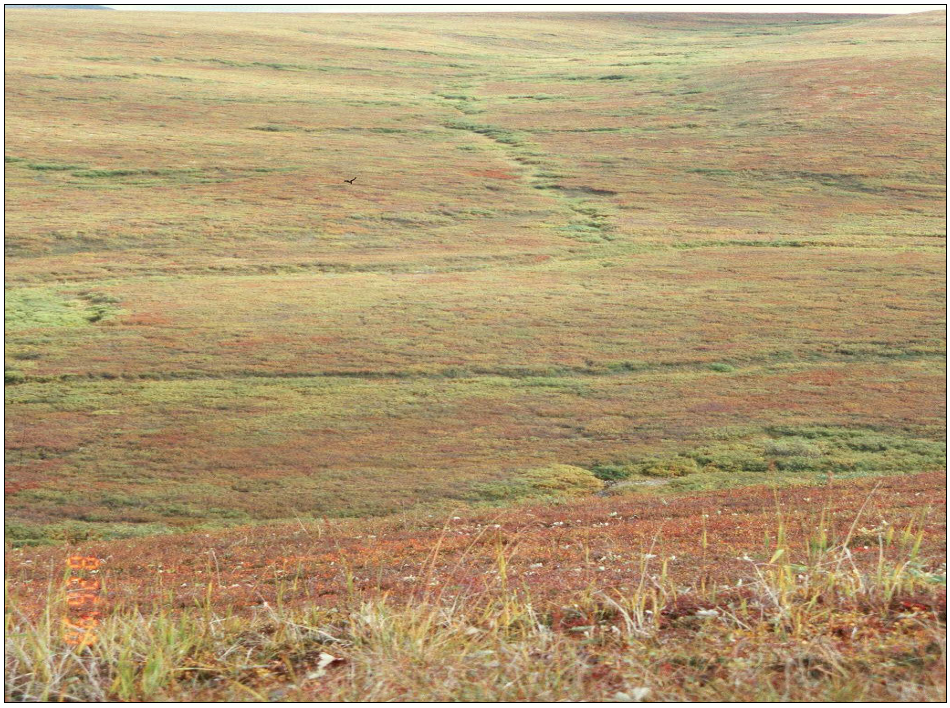


Distribution of map unit 7SA31 (red) within the Alaska Mountains Section (gray) and typical landscape photo.

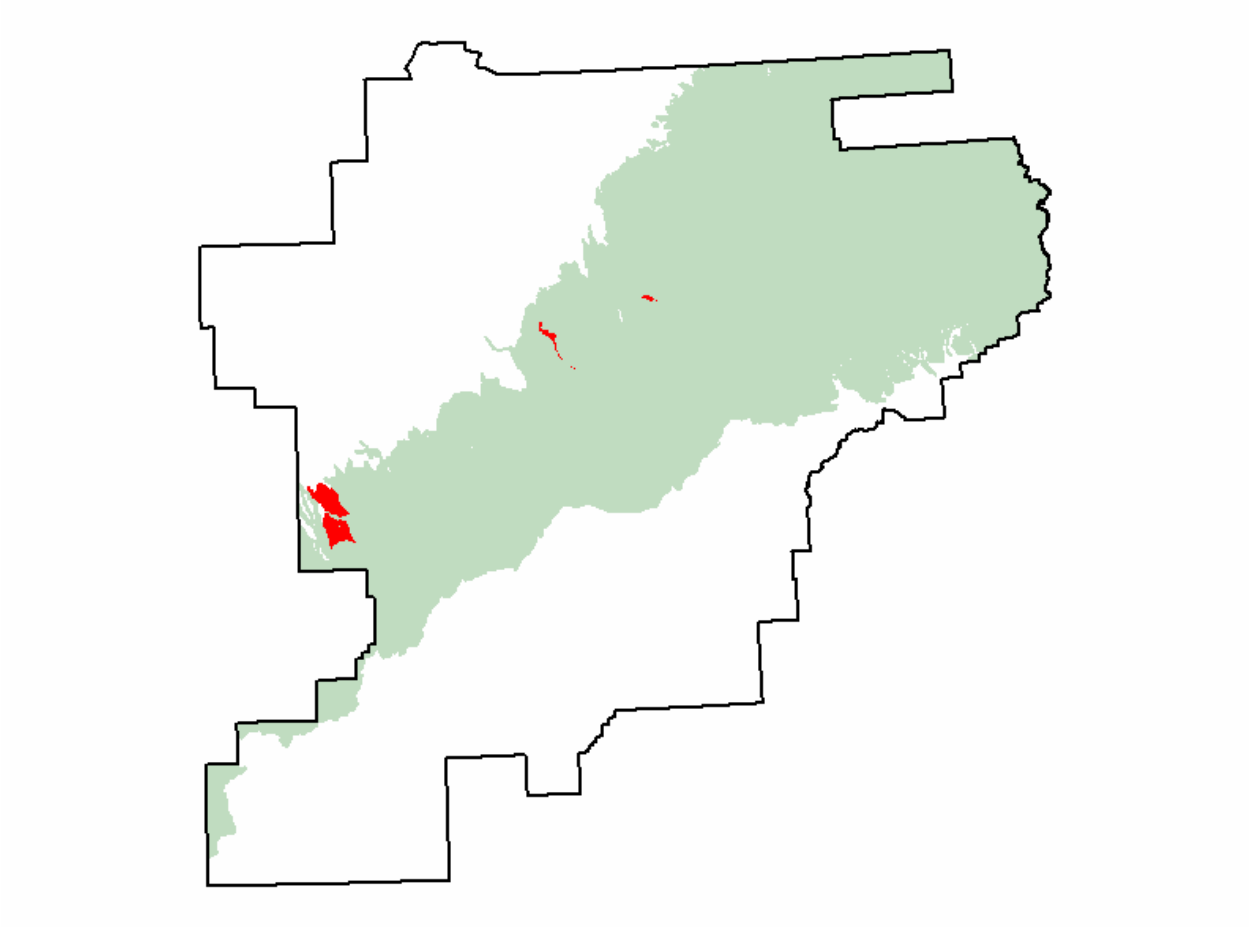


Distribution of map unit 7ST (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

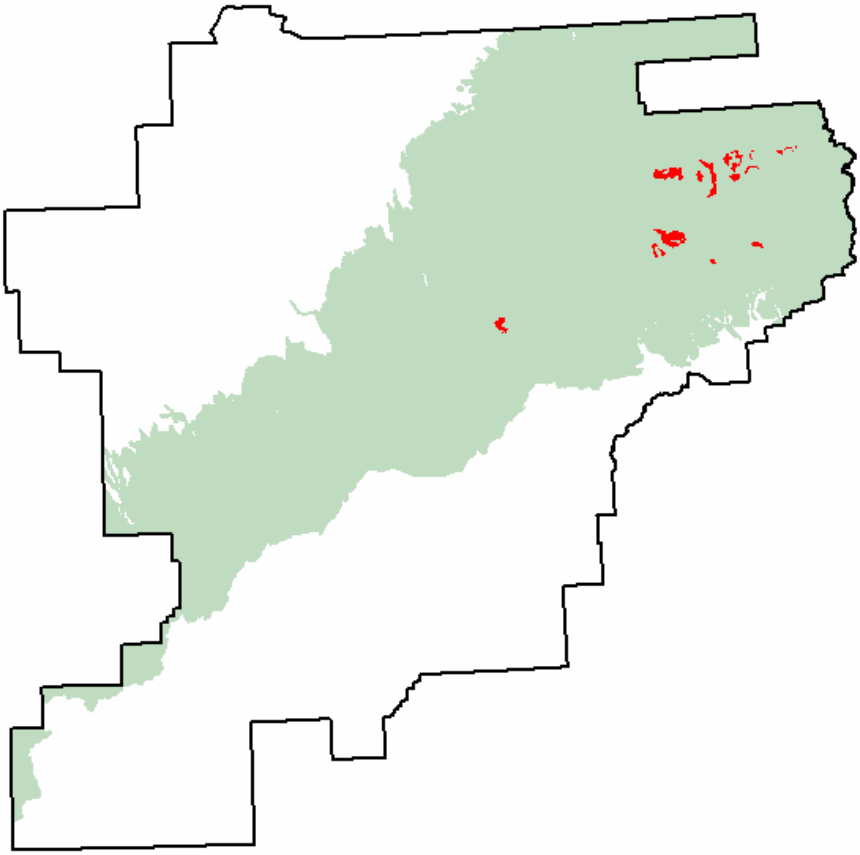


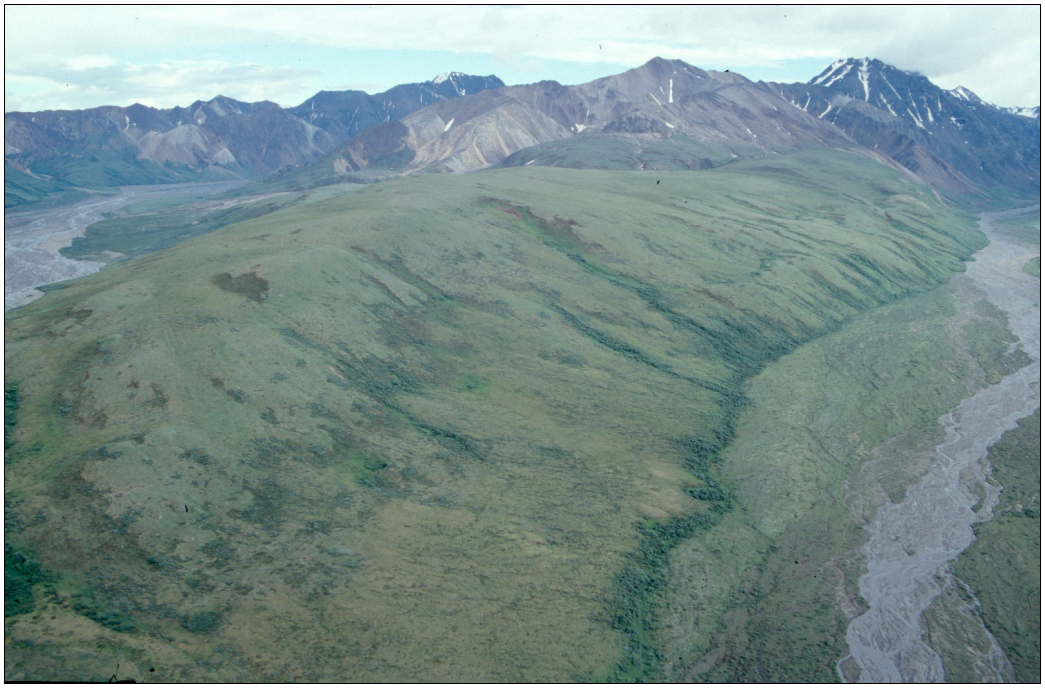


Distribution of map unit 7STF (red) within the Alaska Mountains Section (gray) and typical landscape photo.

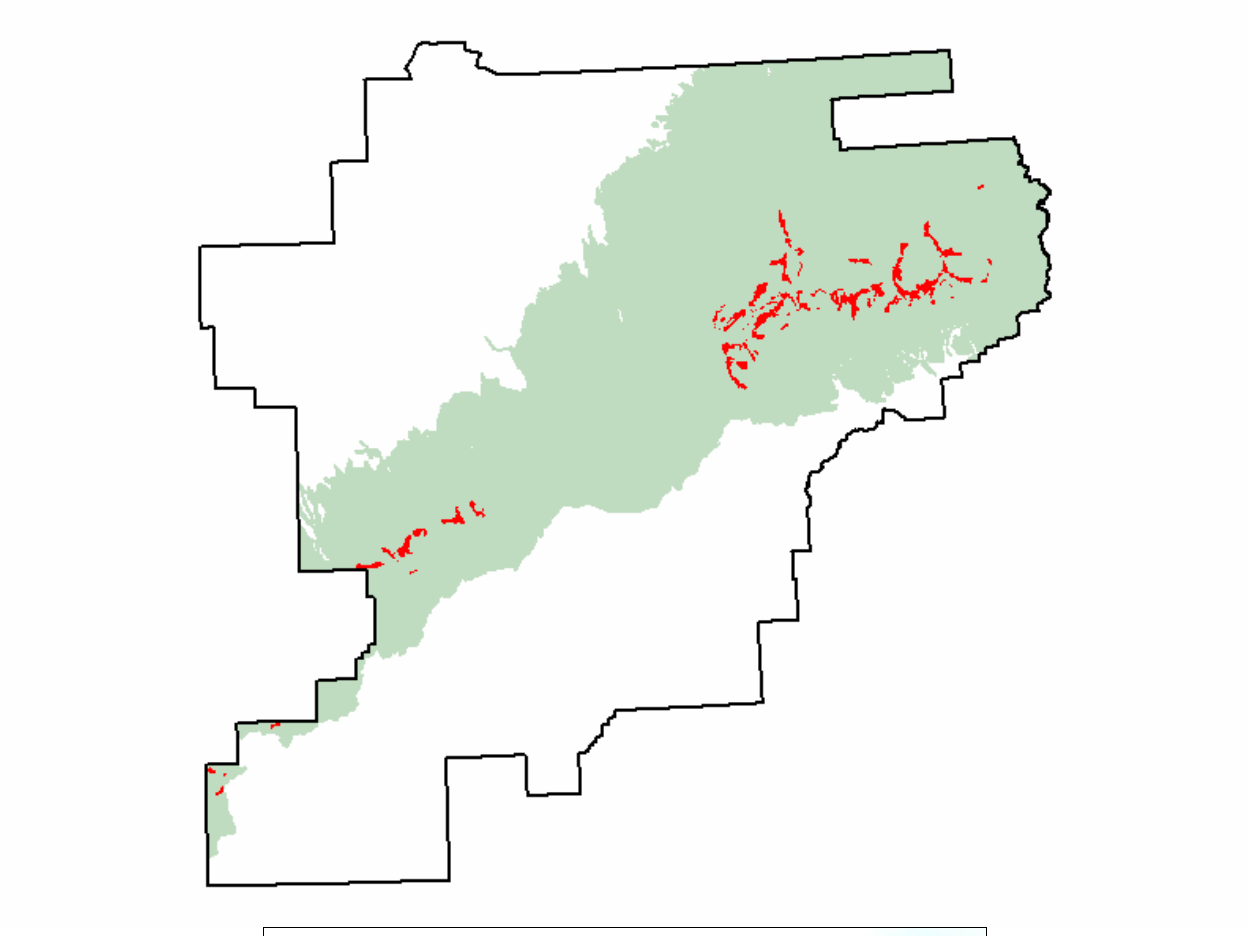


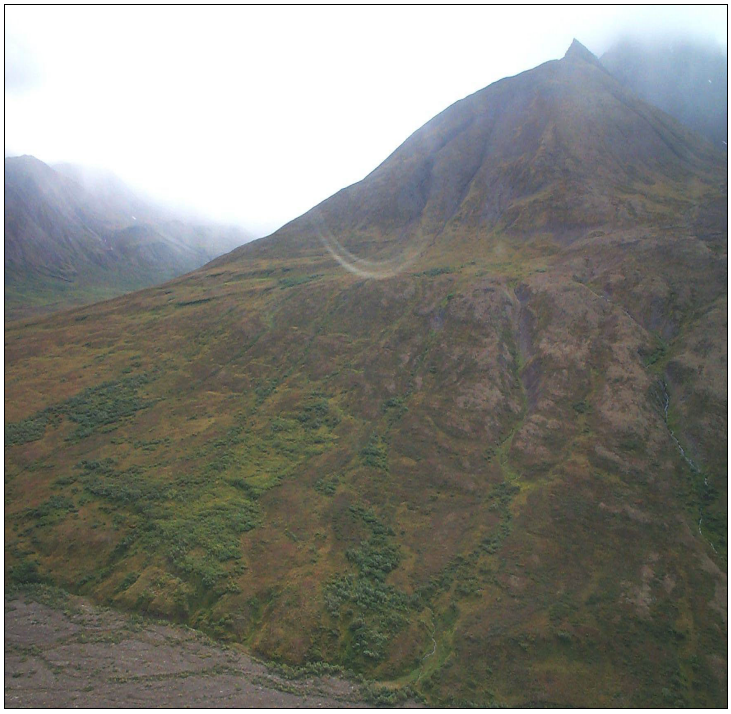
Distribution of map unit 7TM (red) within the Alaska Mountains Section (gray) and typical landscape photo.



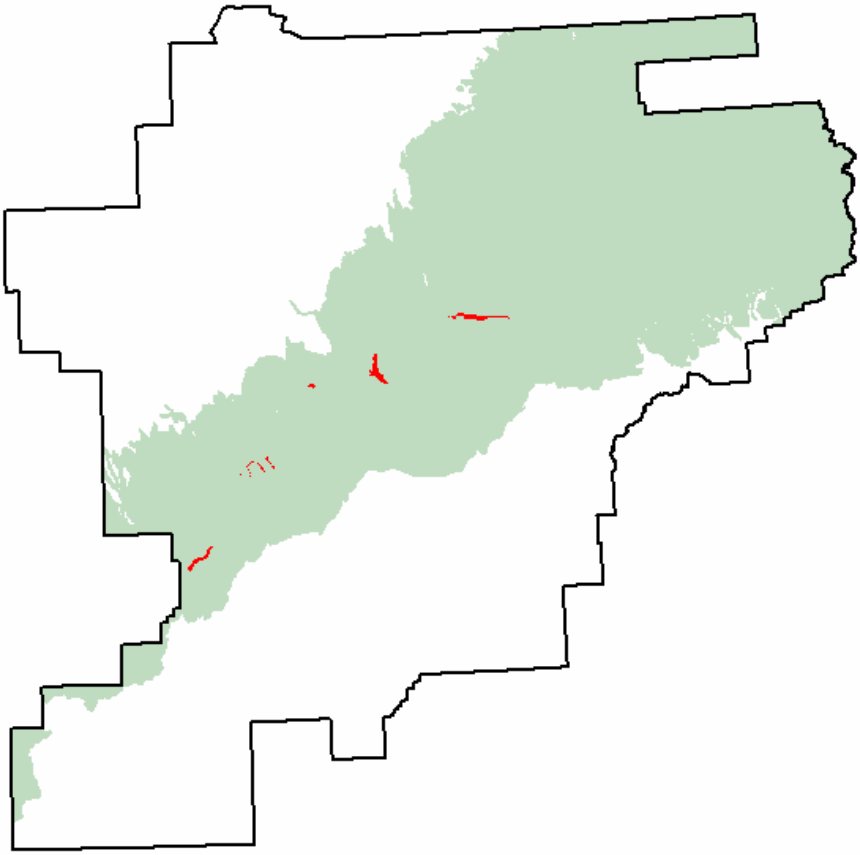


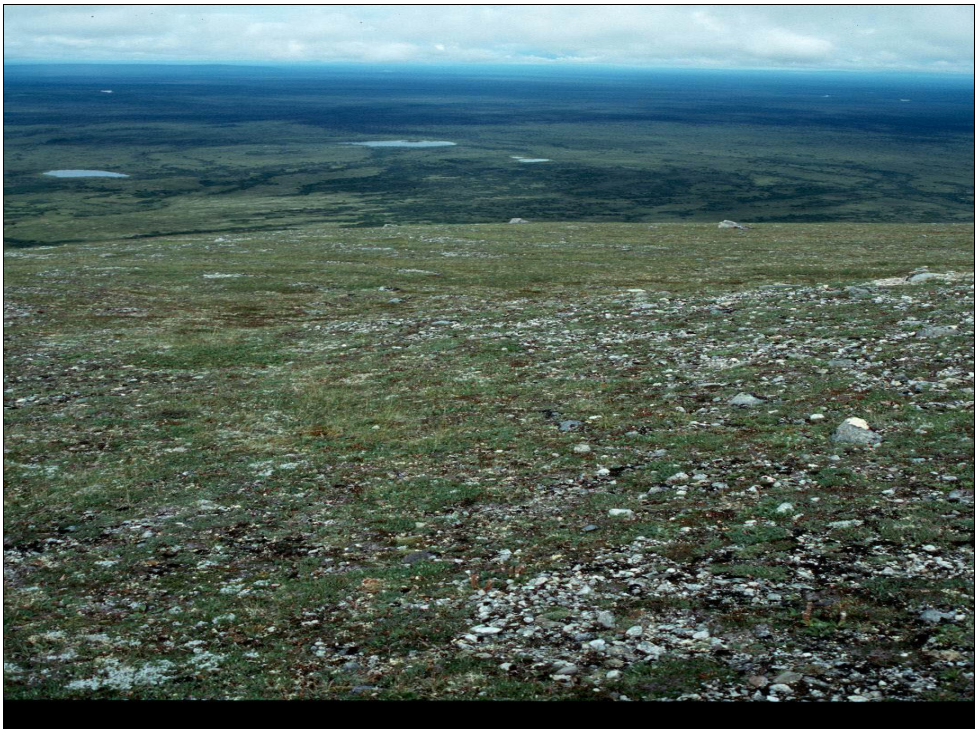
Distribution of map unit 7TM1 (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).



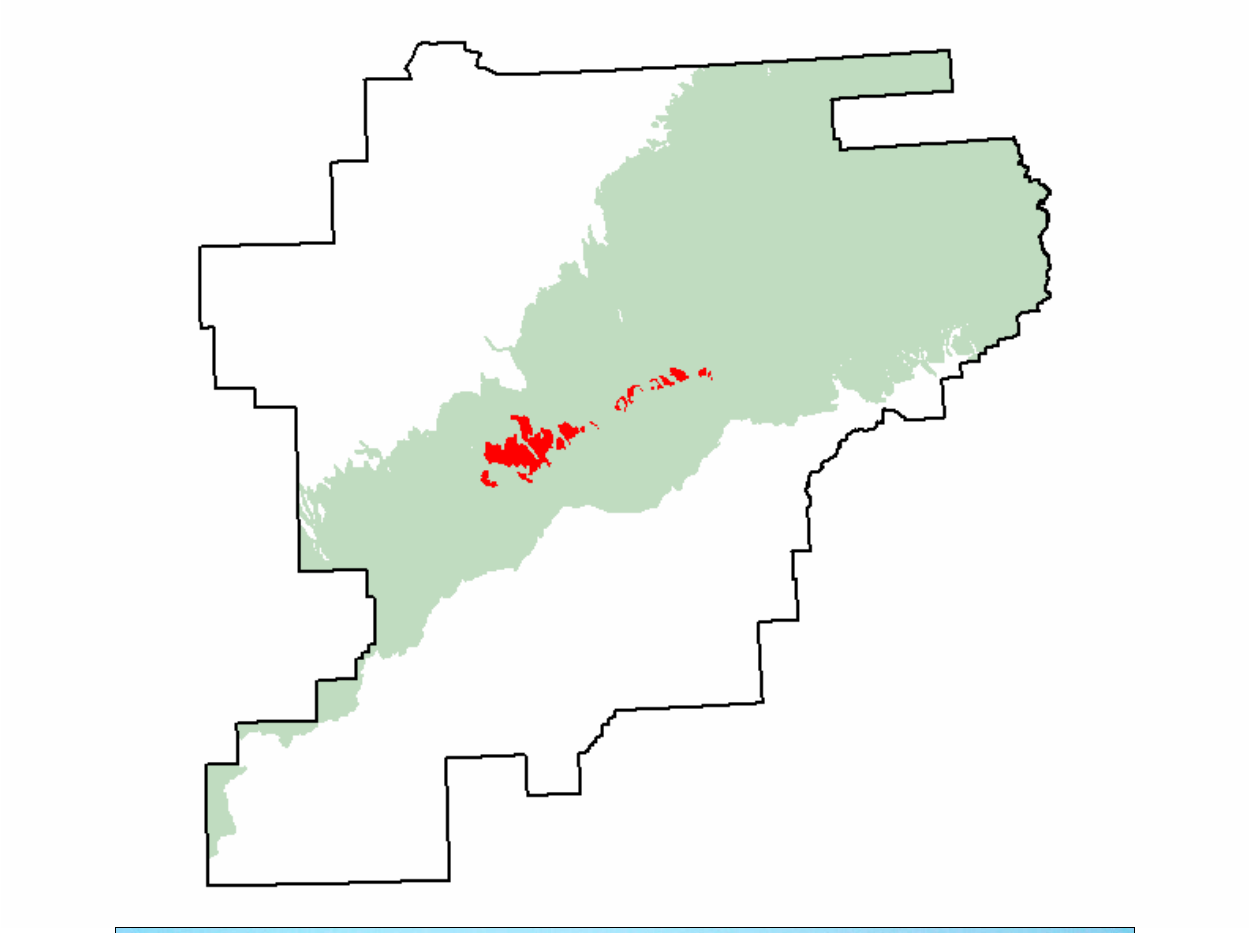


Distribution of map unit 7TM2 (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).

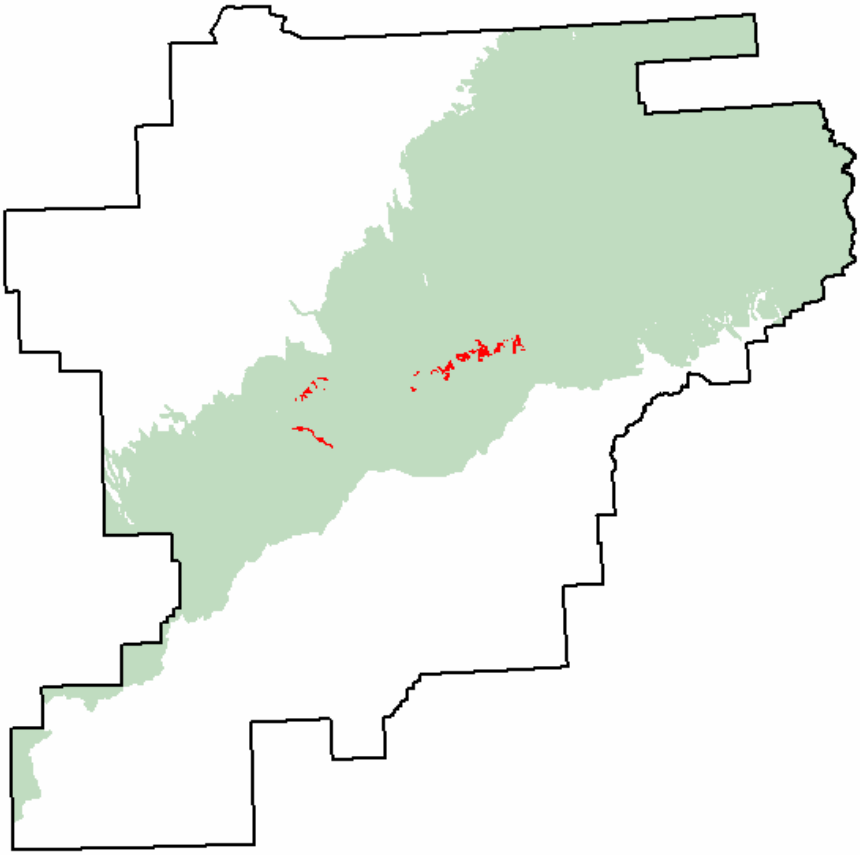




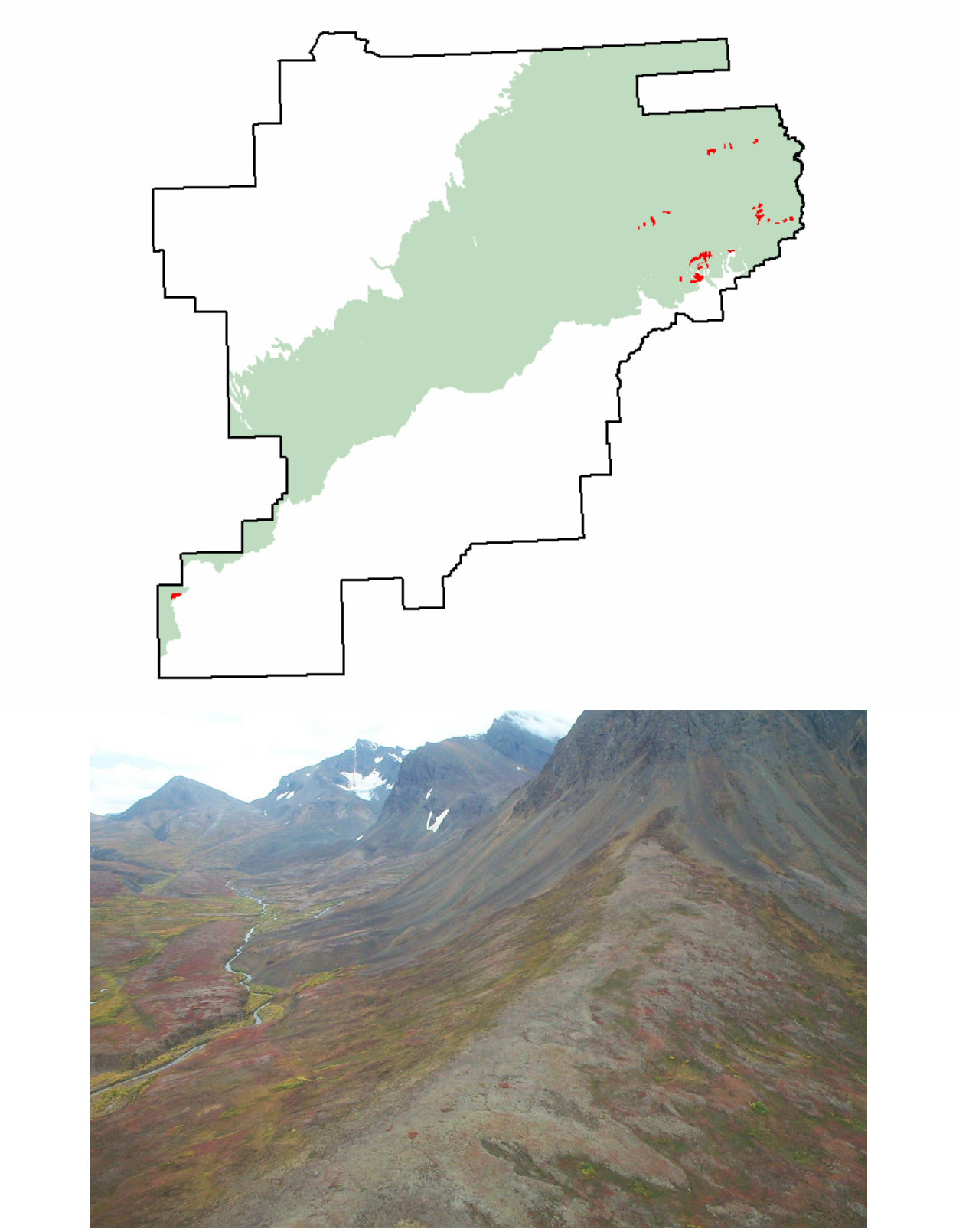
Distribution of map unit 7TM21 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



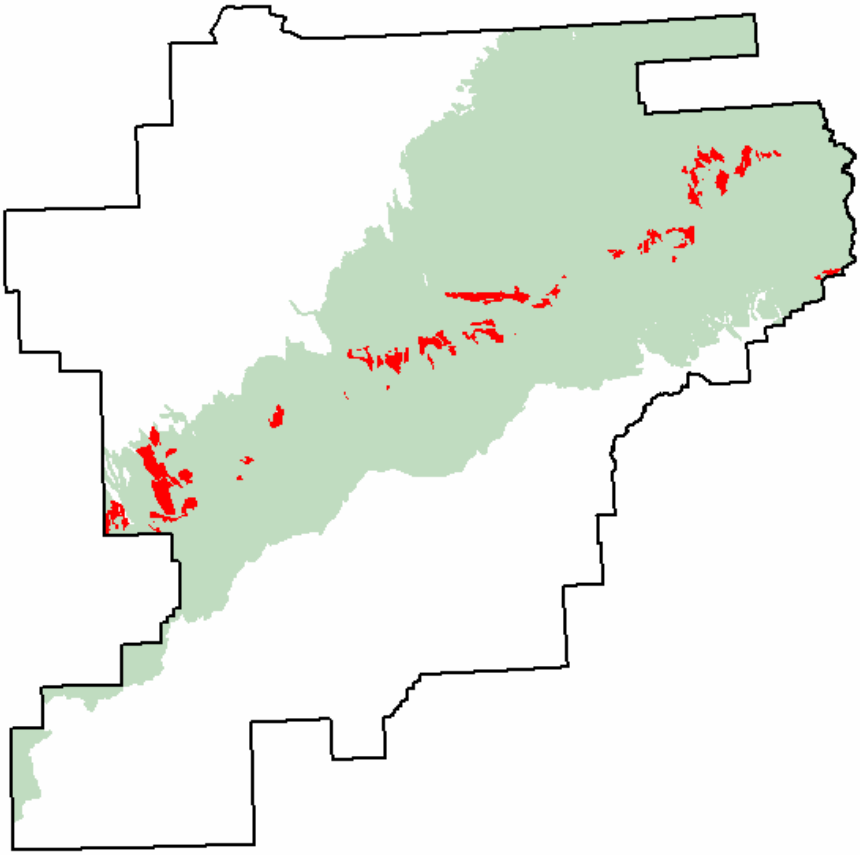
Distribution of map unit 7TM24 (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).



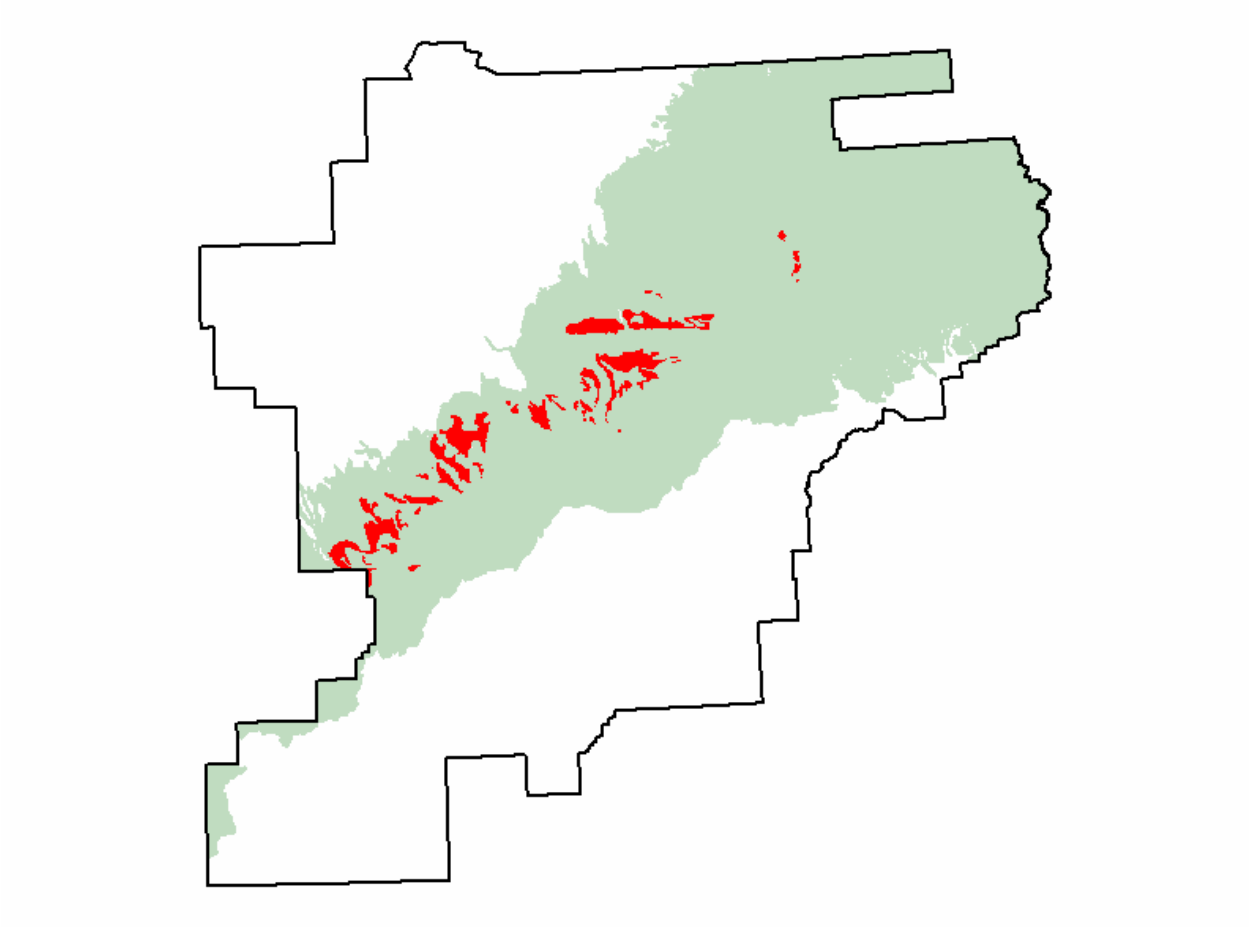
Distribution of map unit 7TMS (red) within the Alaska Mountains Section (gray) and typical landscape photo (right foreground and mid-ground).



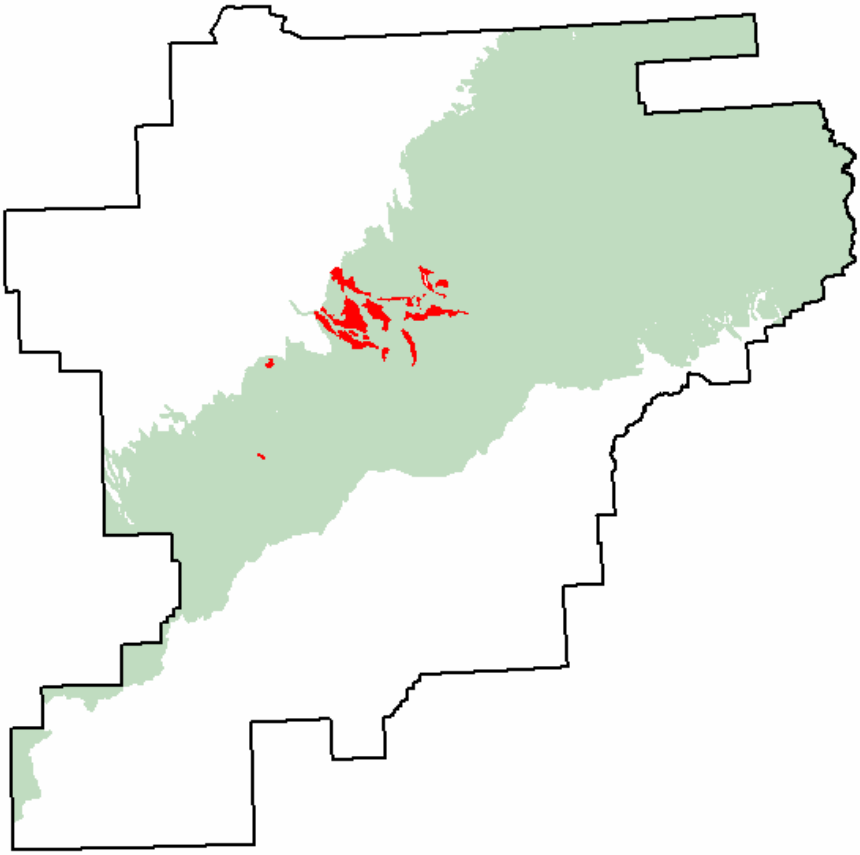
Distribution of map unit 7TP (red) within the Alaska Mountains Section (gray) and typical landscape photo.



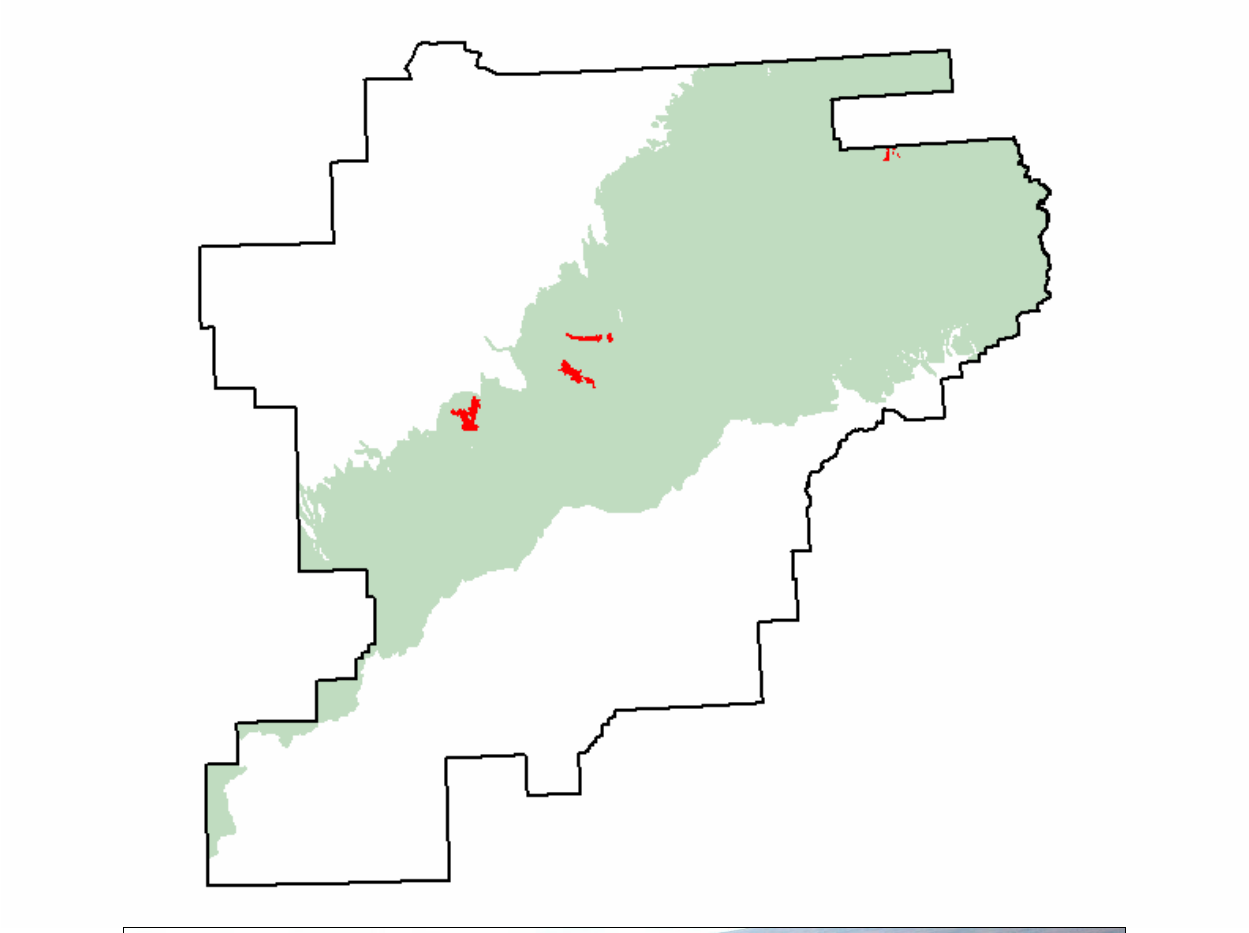
Distribution of map unit 7TP2 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



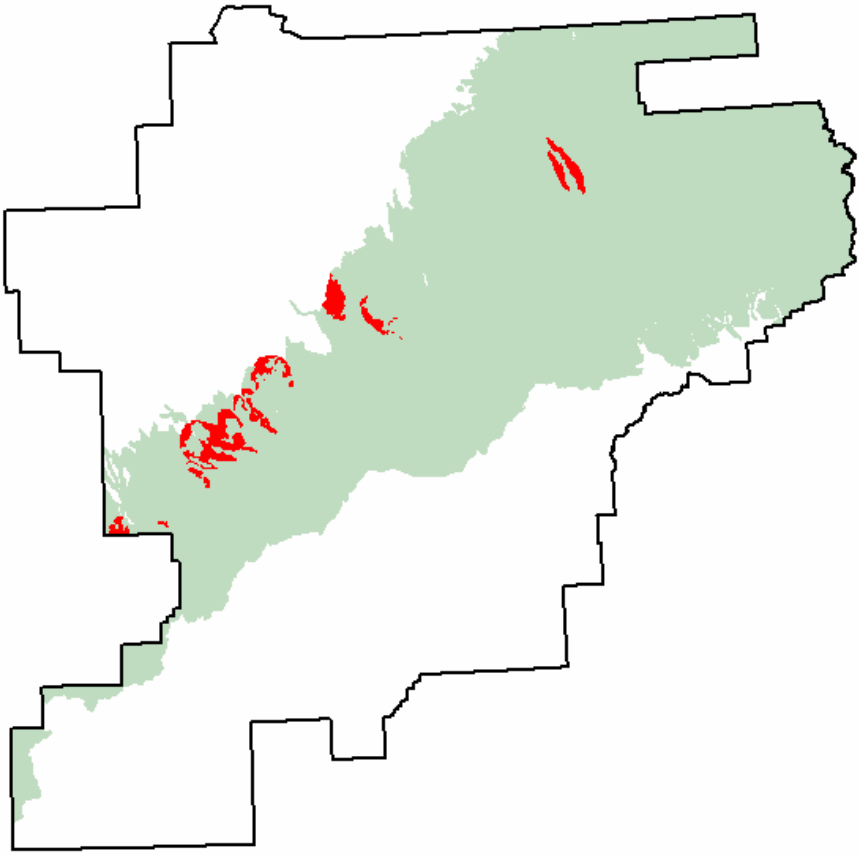
Distribution of map unit 7TP3 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



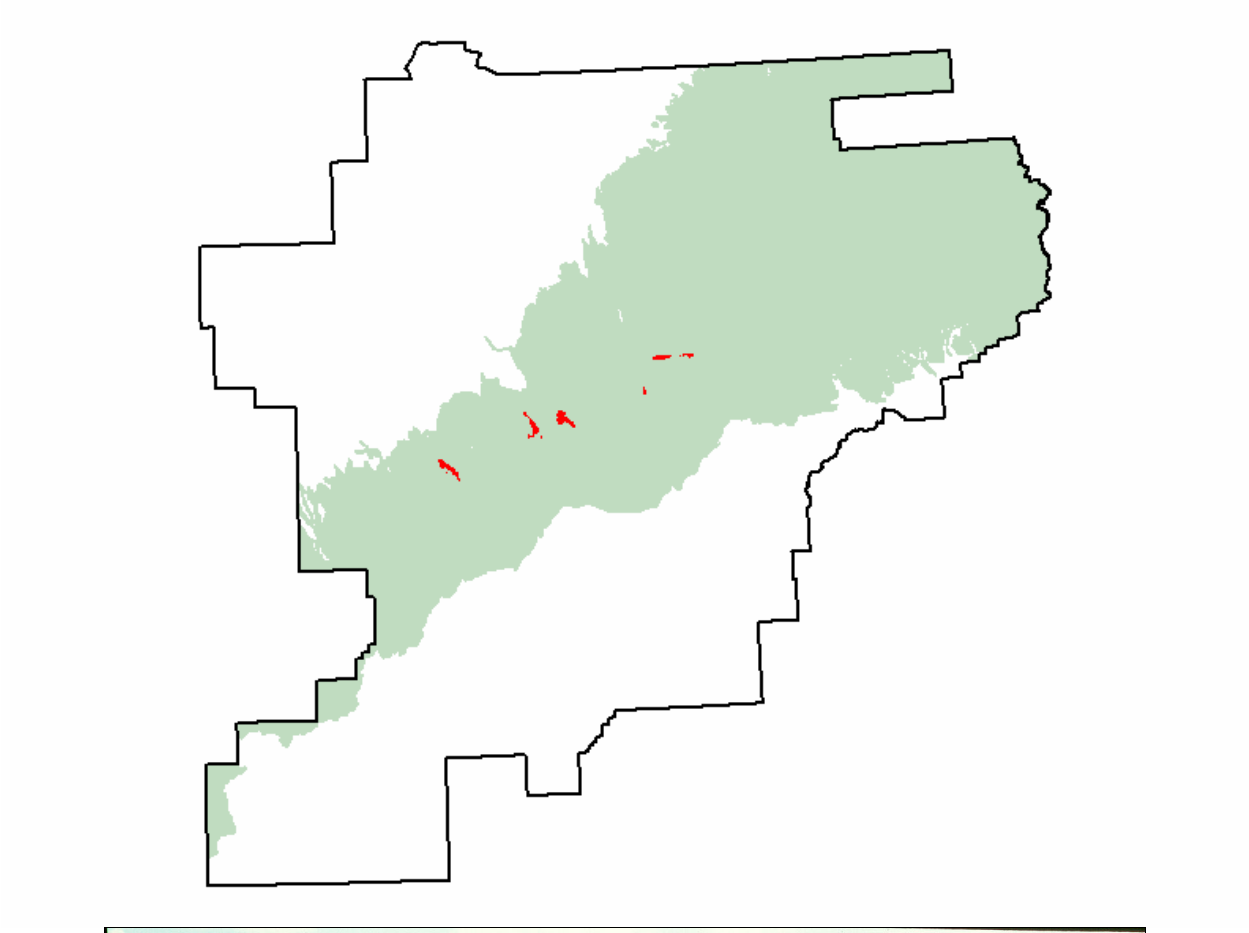
Distribution of map unit 7TP4 (red) within the Alaska Mountains Section (gray) and typical landscape photo (upper photo).



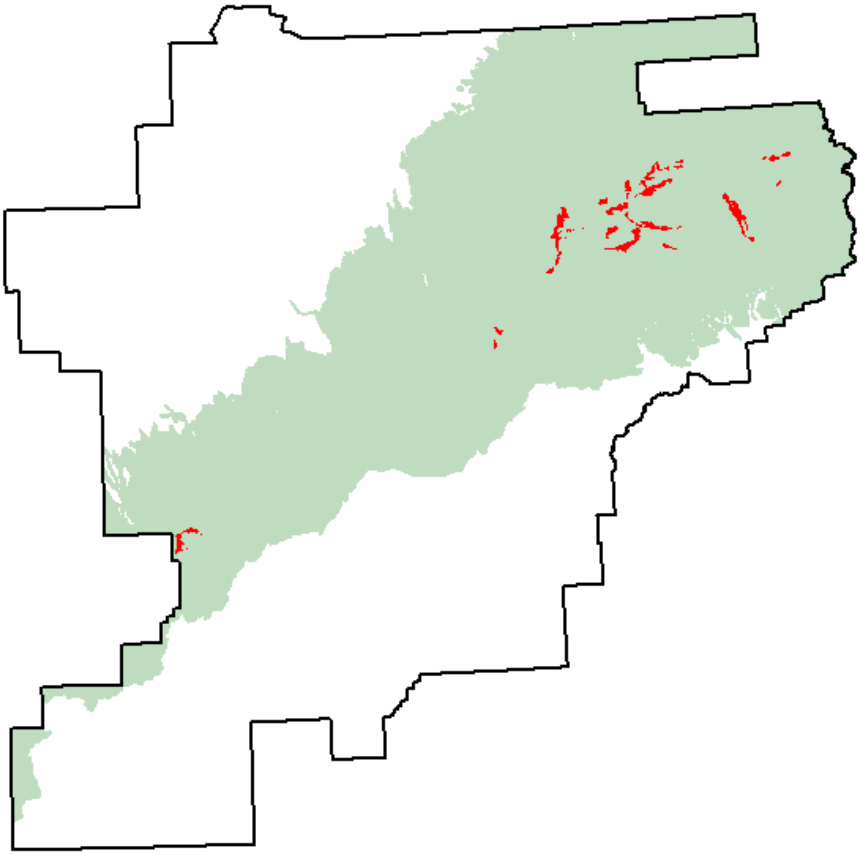
Distribution of map unit 7TP5 (red) within the Alaska Mountains Section (gray) and typical landscape photo.

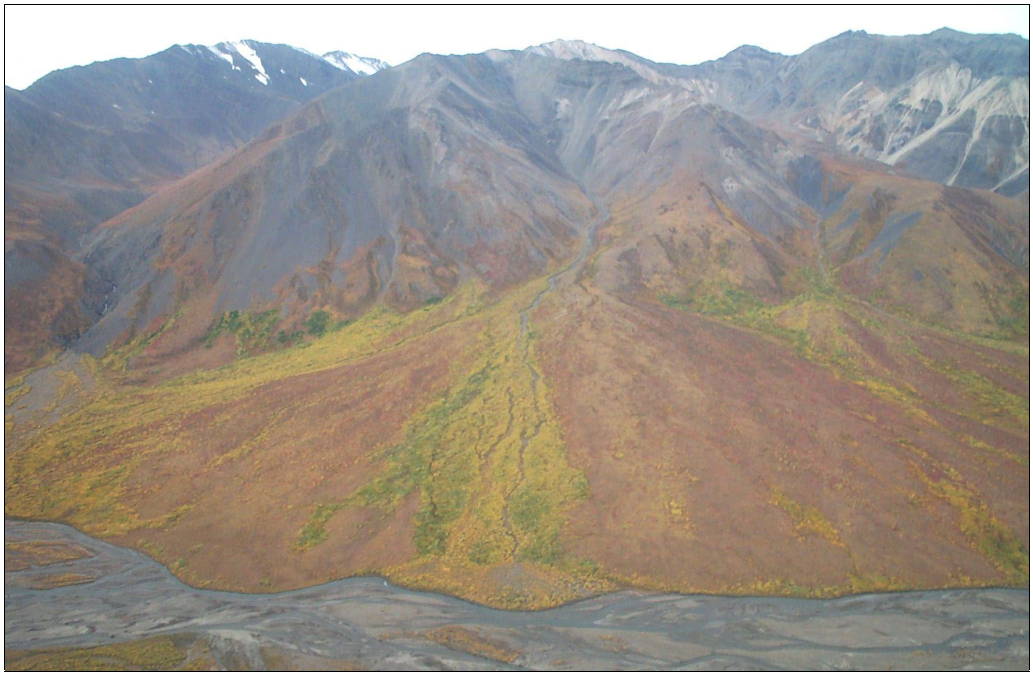


Distribution of map unit 7TP8 (red) within the Alaska Mountains Section (gray) and typical landscape photo.

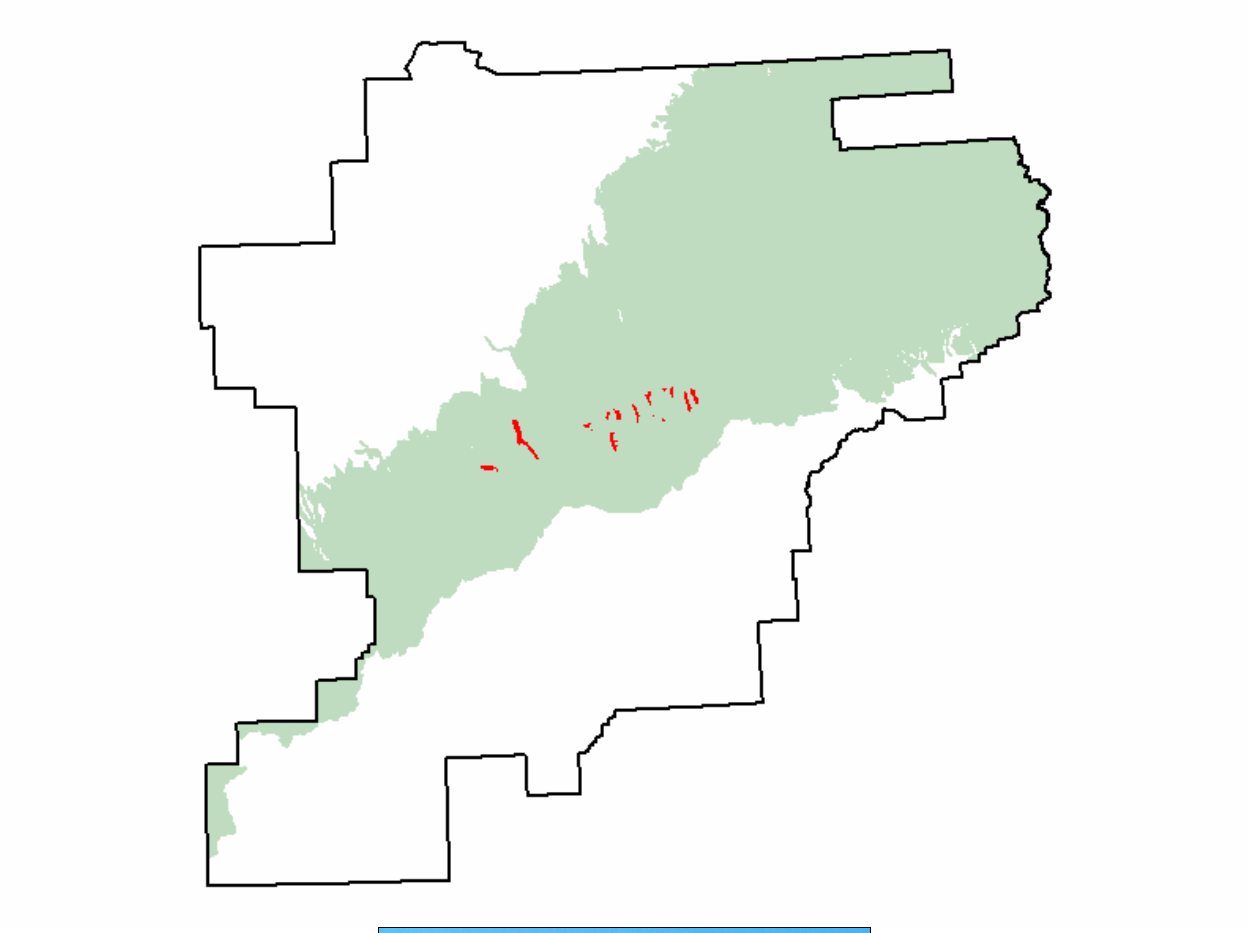


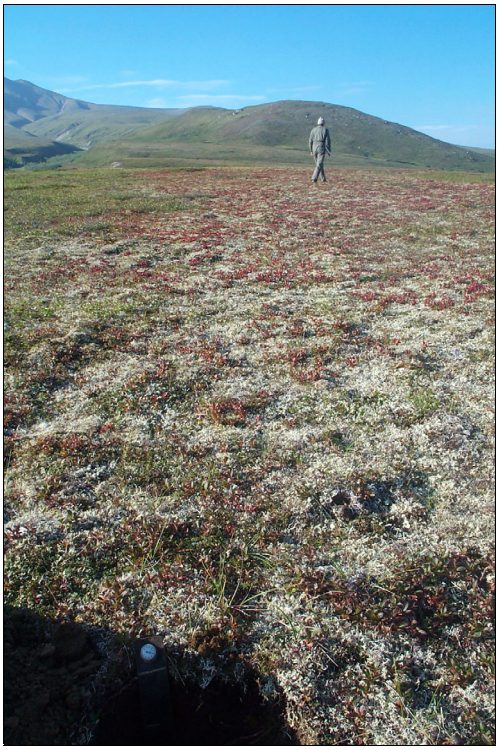
Distribution of map unit 7V1 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).



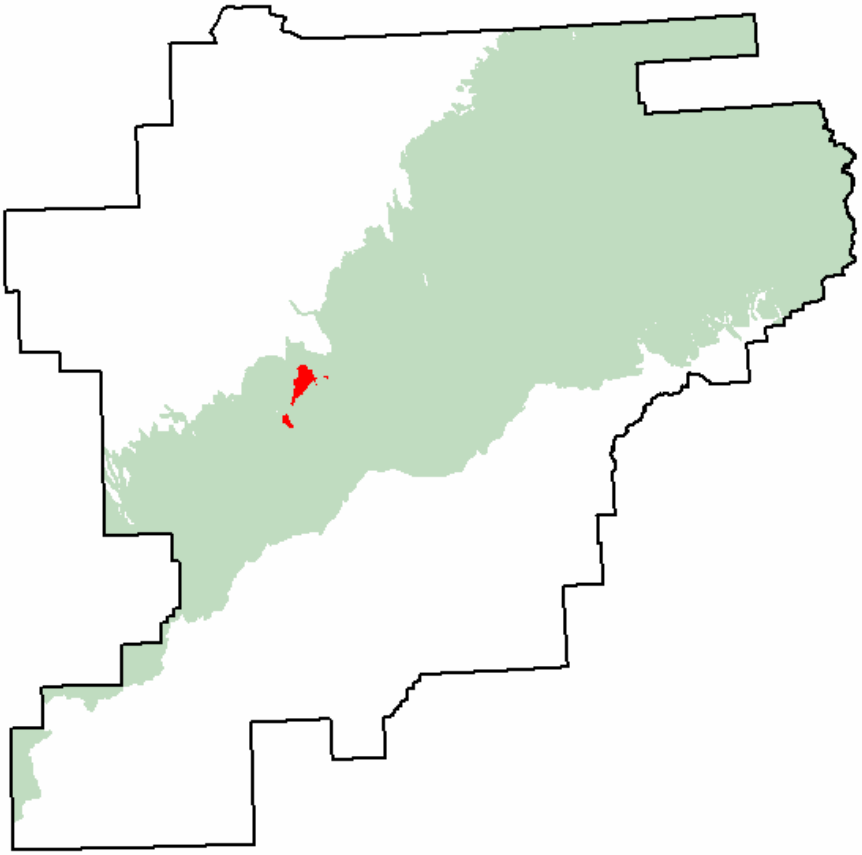


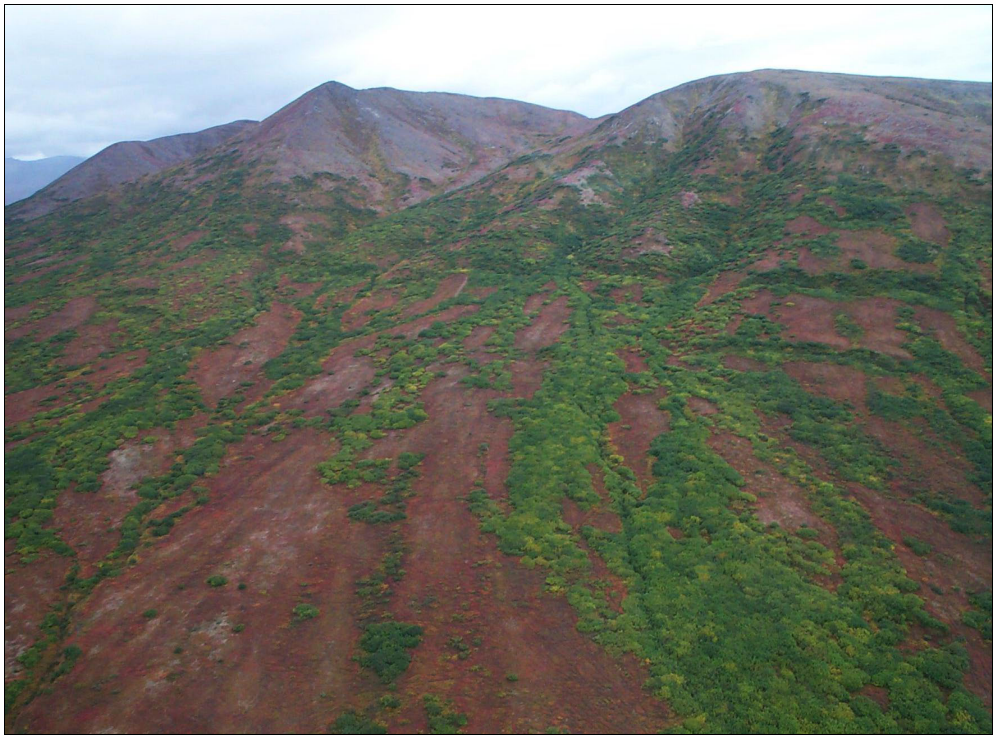
Distribution of map unit 7V1A (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).



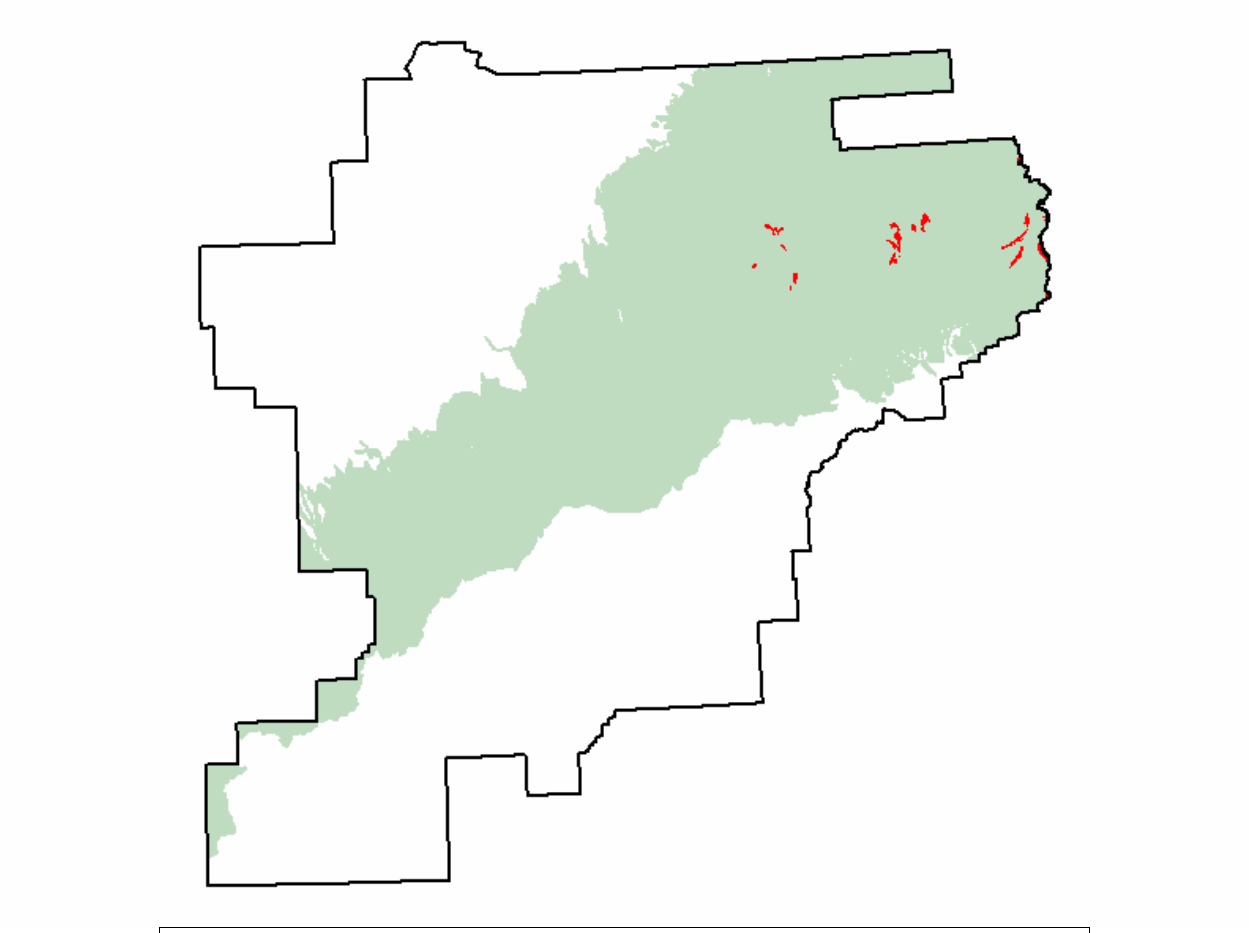


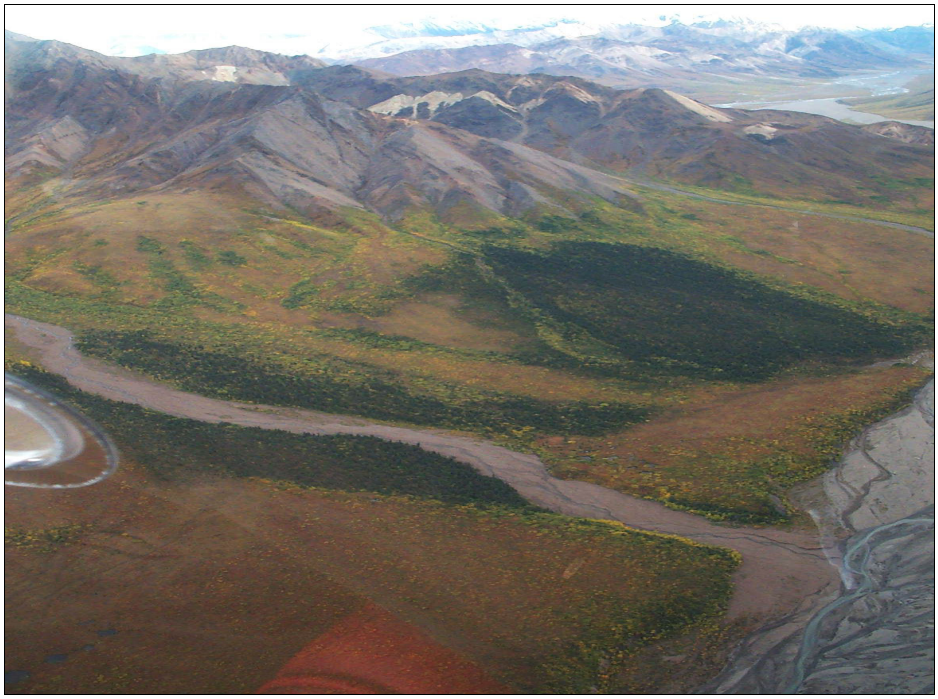
Distribution of map unit 7V1B (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).



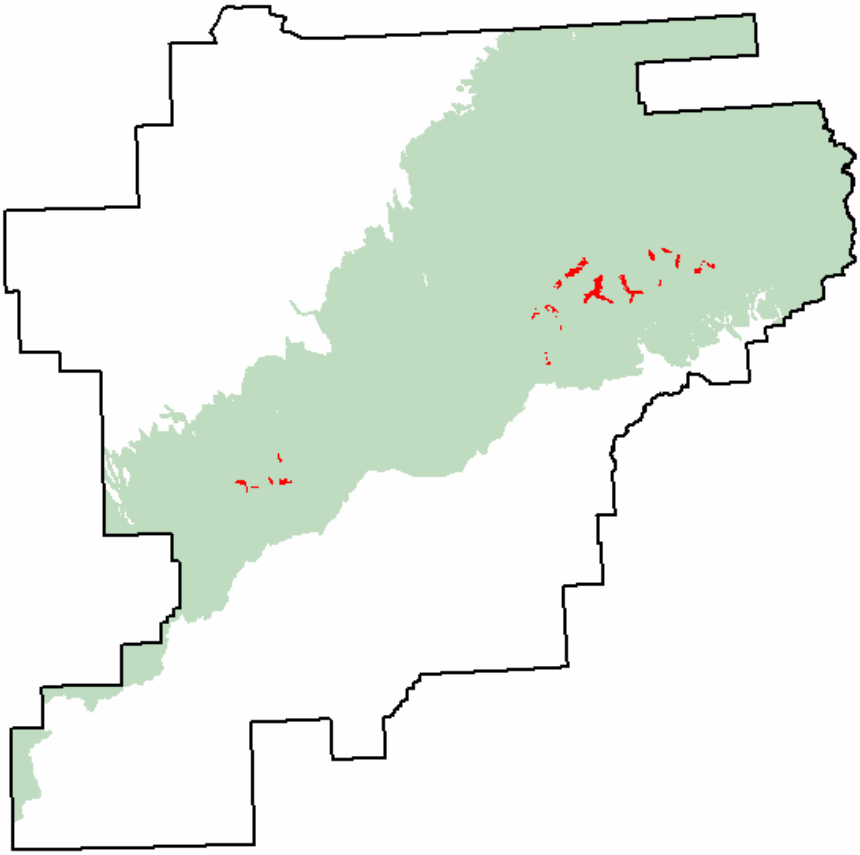


Distribution of map unit 7V2 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

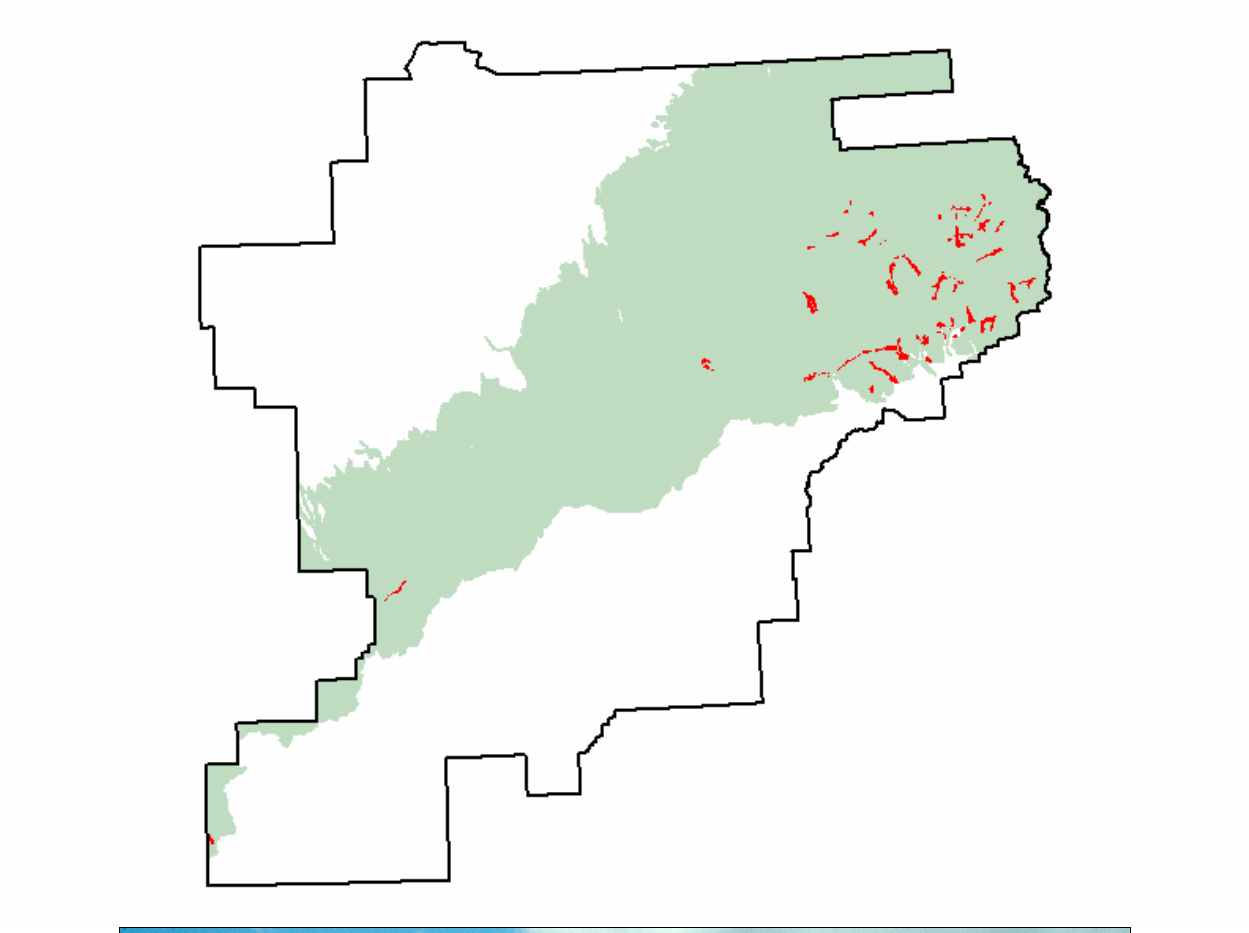




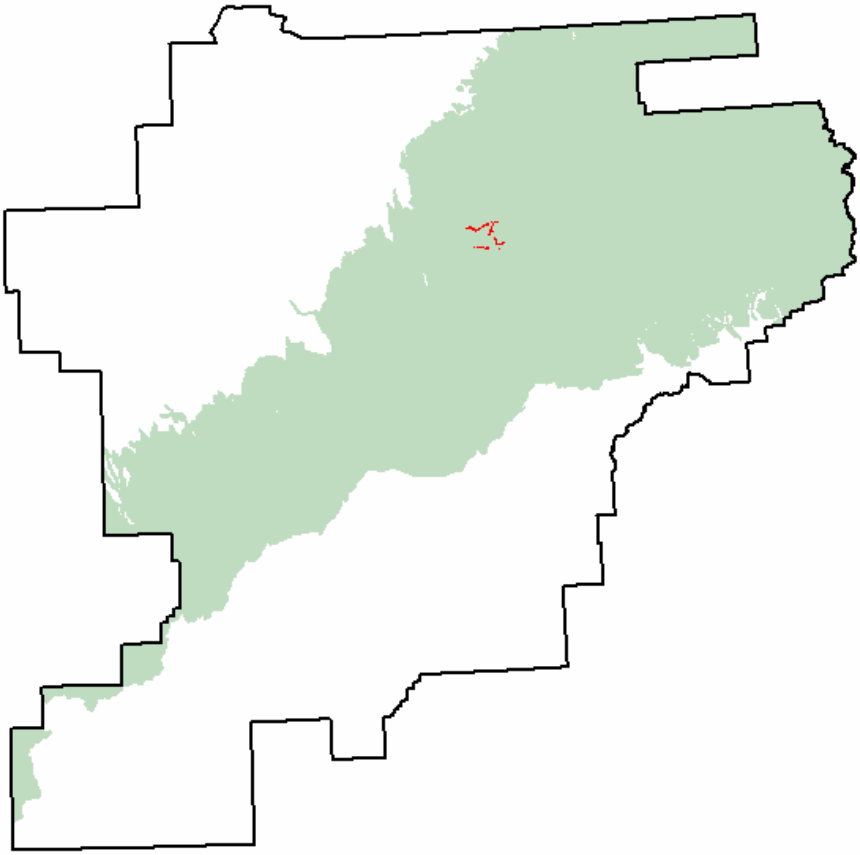
Distribution of map unit 7V5 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

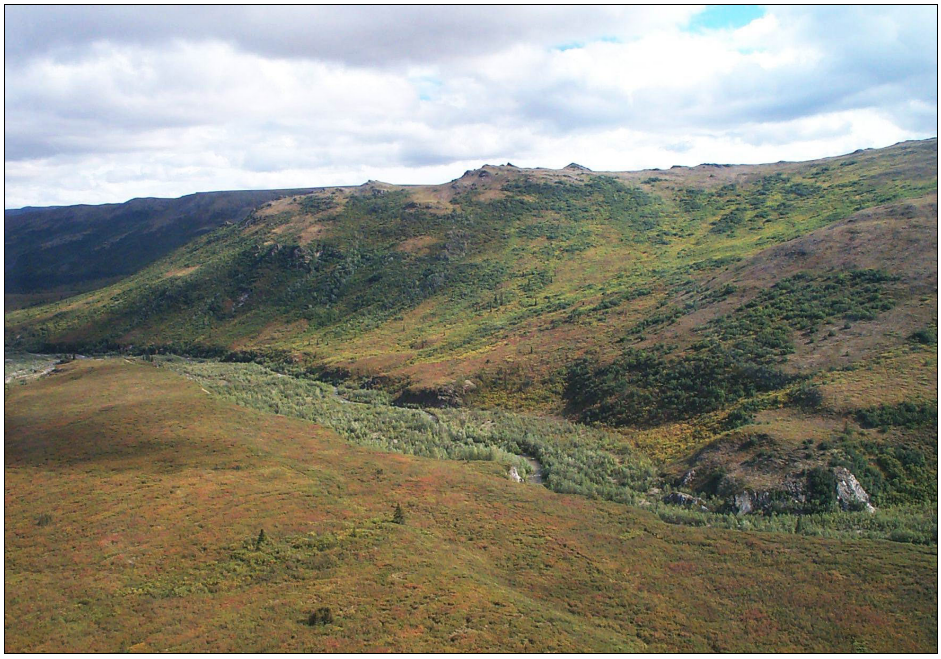


Distribution of map unit 7V11 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

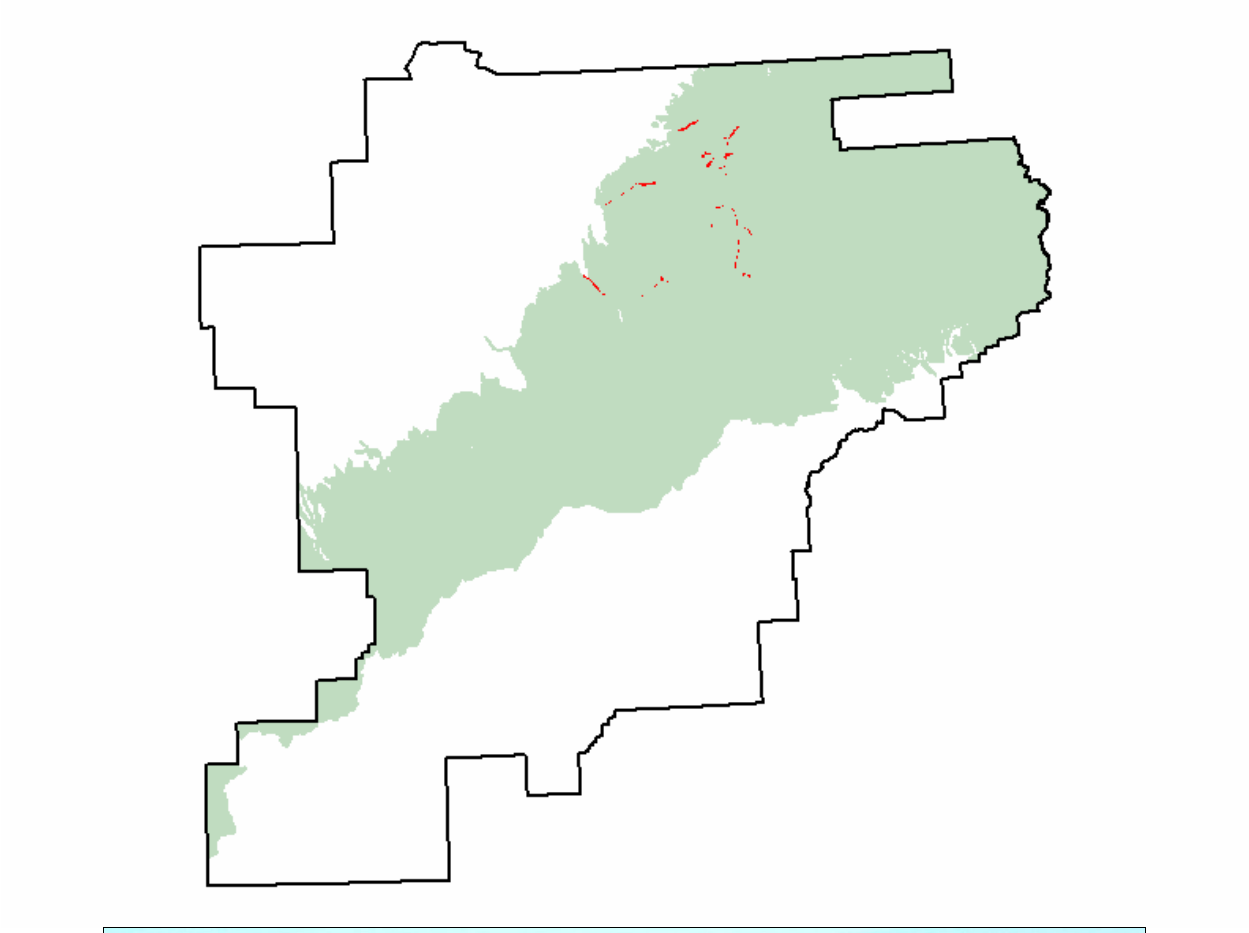


Distribution of map unit 8FP1 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

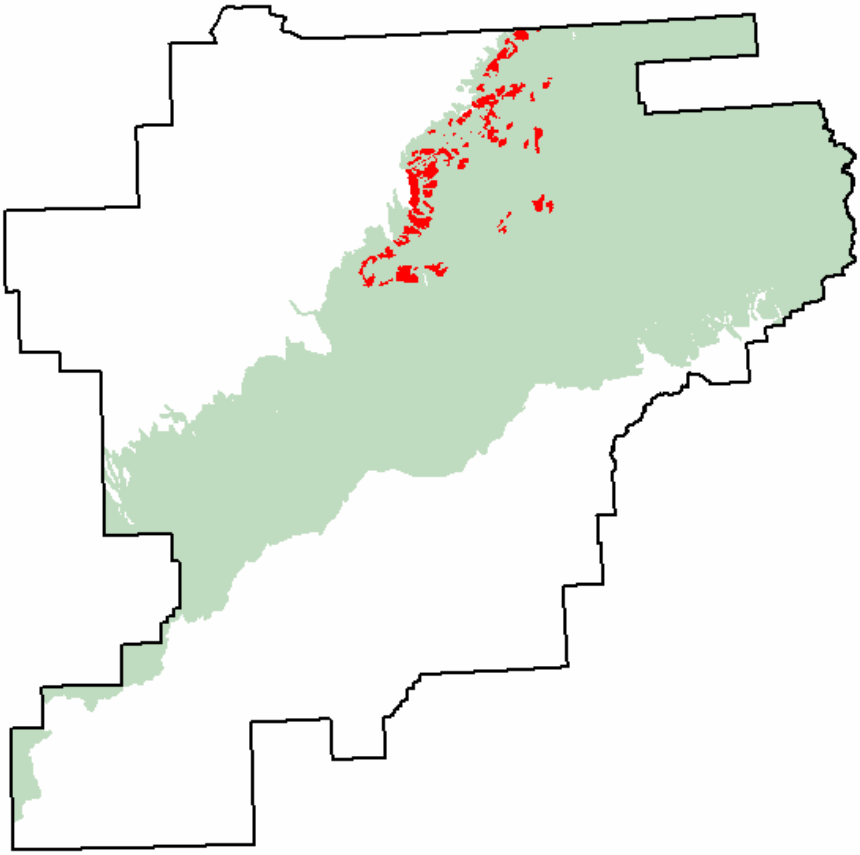


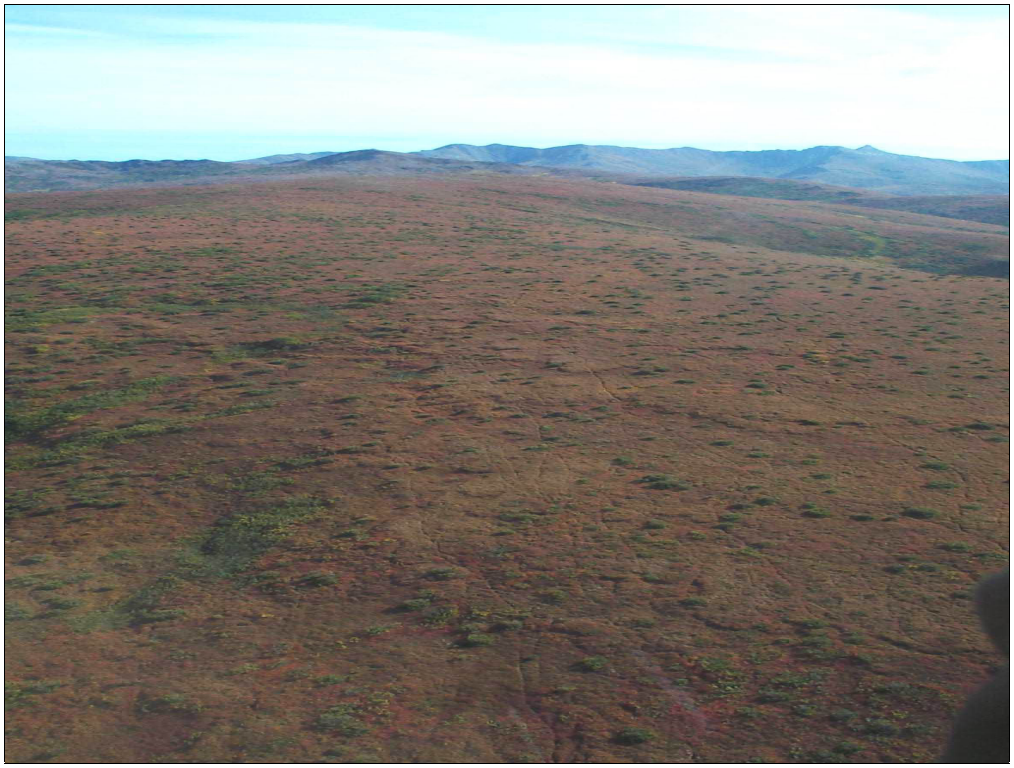


Distribution of map unit 8FP2 (red) within the Alaska Mountains Section (gray) and typical landscape photo (lower right foreground).

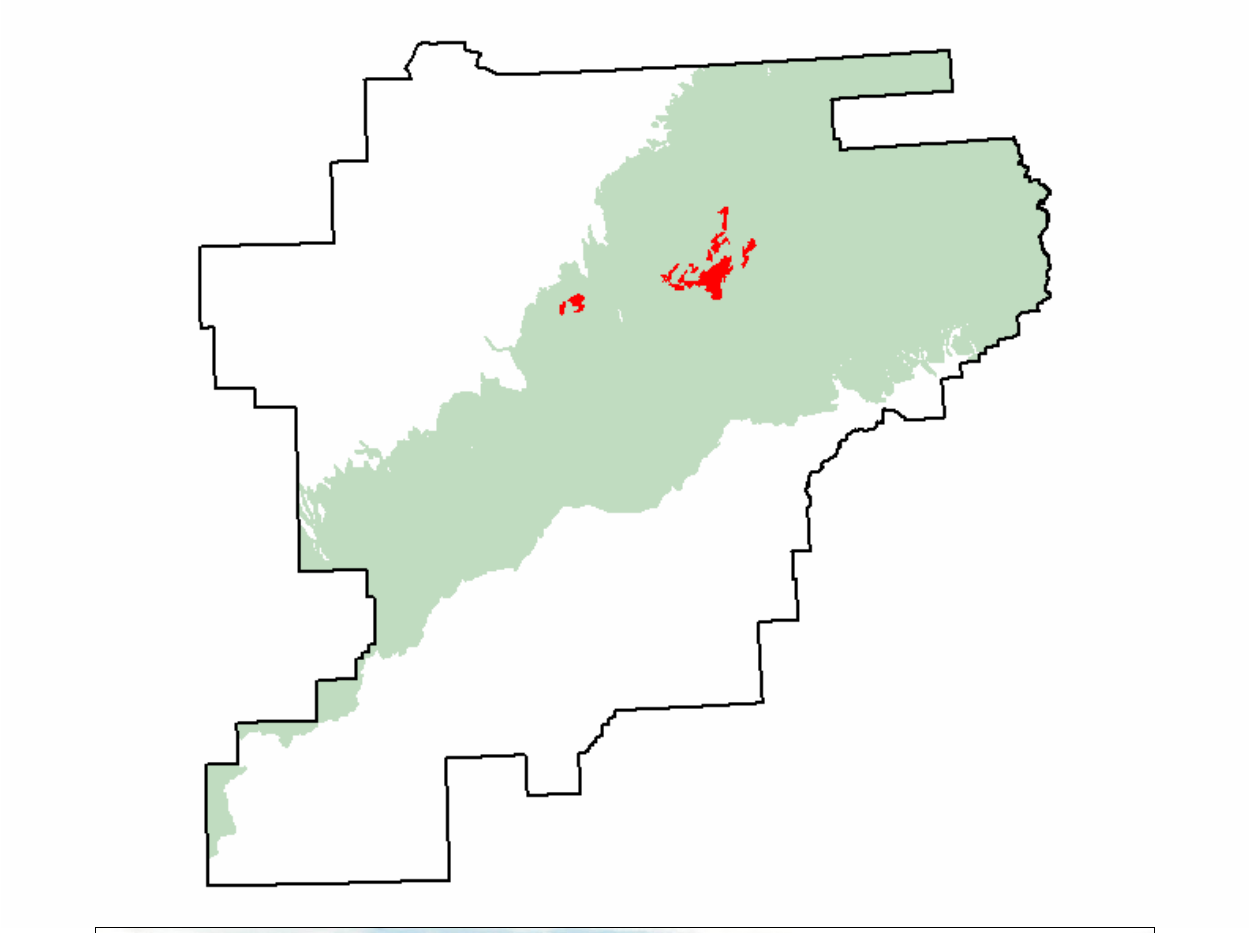


Distribution of map unit 8LM (red) within the Alaska Mountains Section (gray) and typical landscape photo.

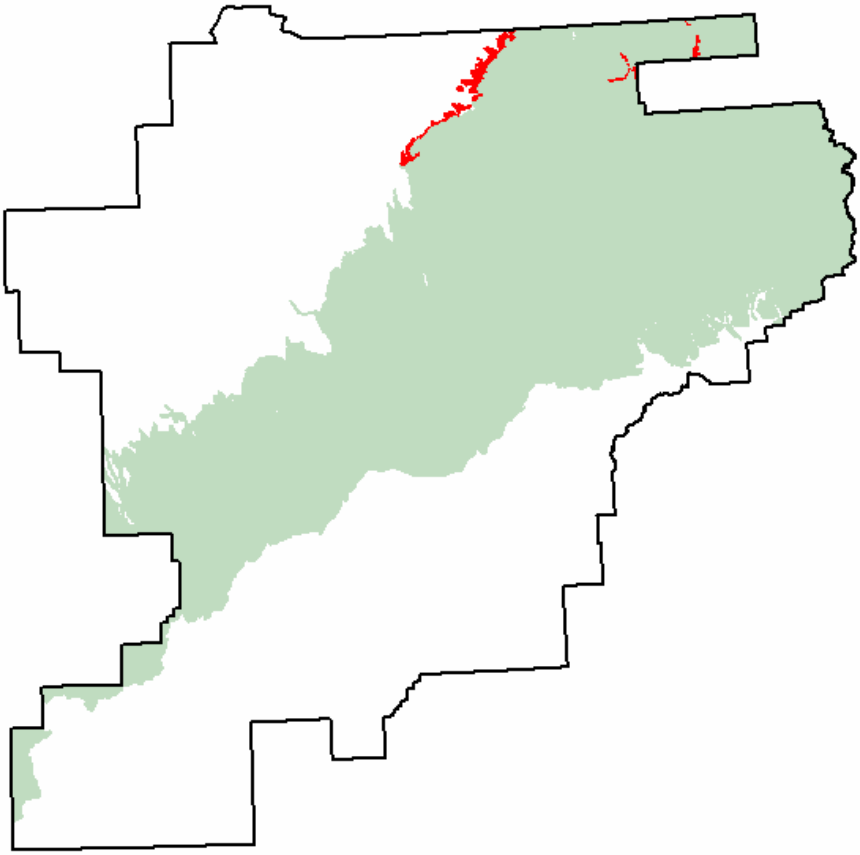


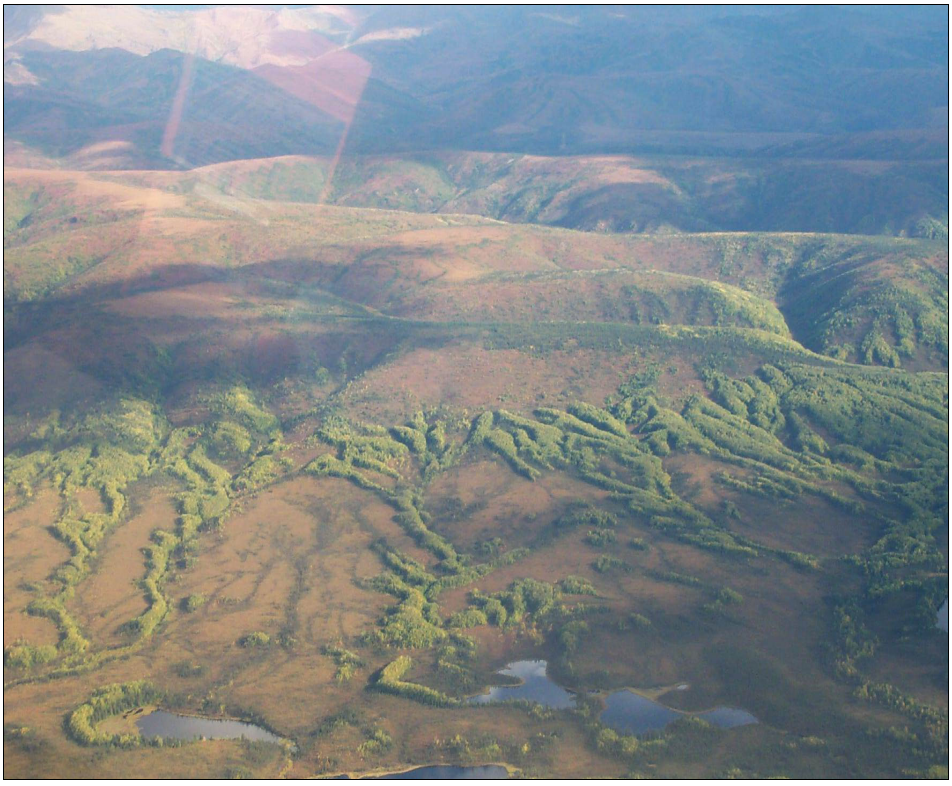


Distribution of map unit 8LM1 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

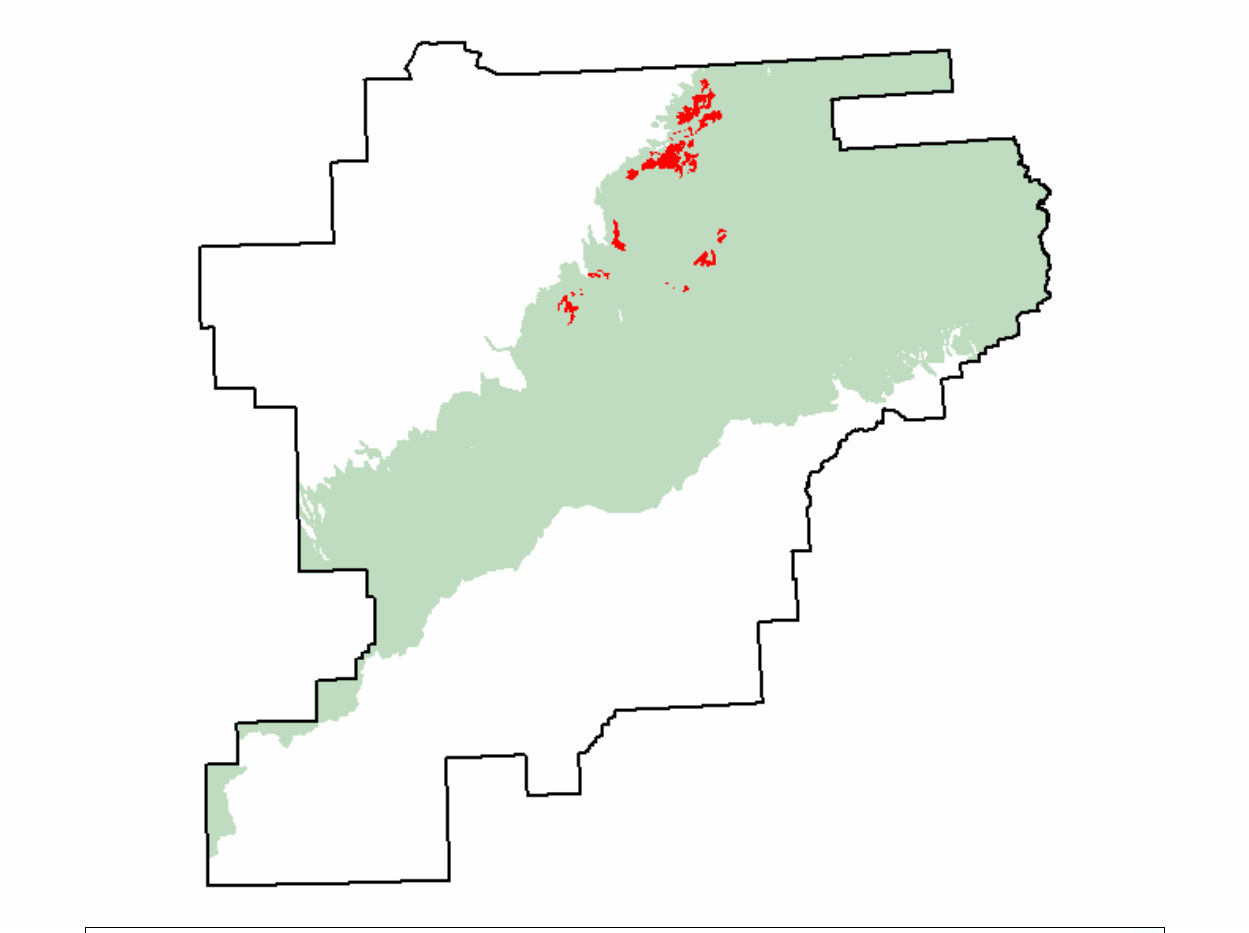


Distribution of map unit 8LMF (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).

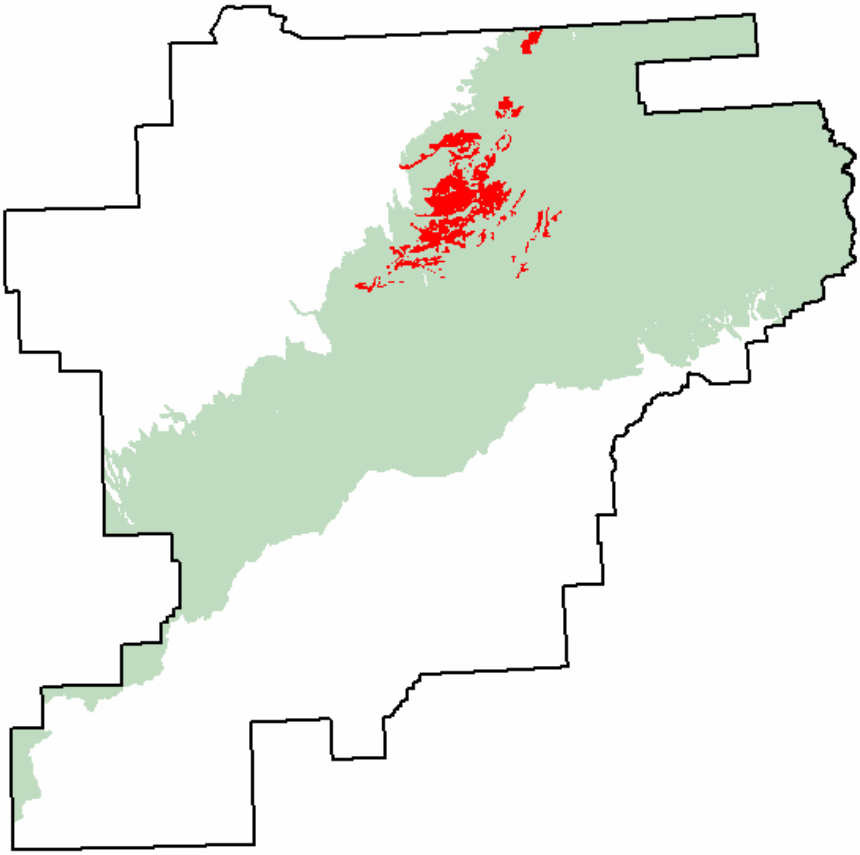


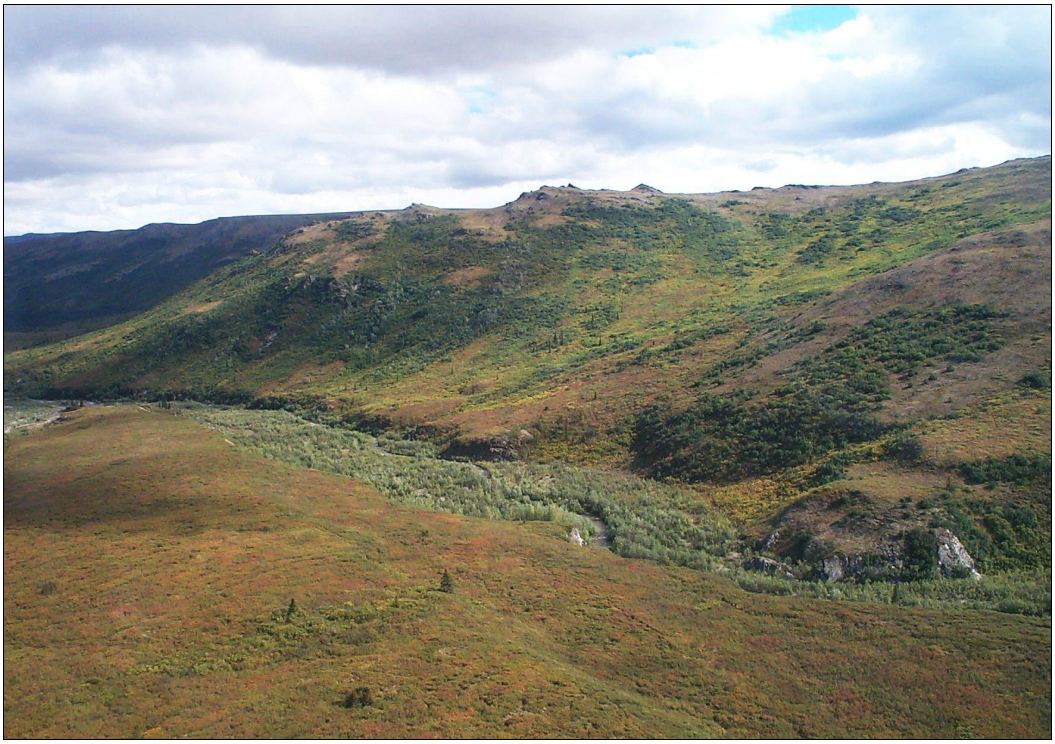


Distribution of map unit 8LMV (red) within the Alaska Mountains Section (gray) and typical landscape photo.

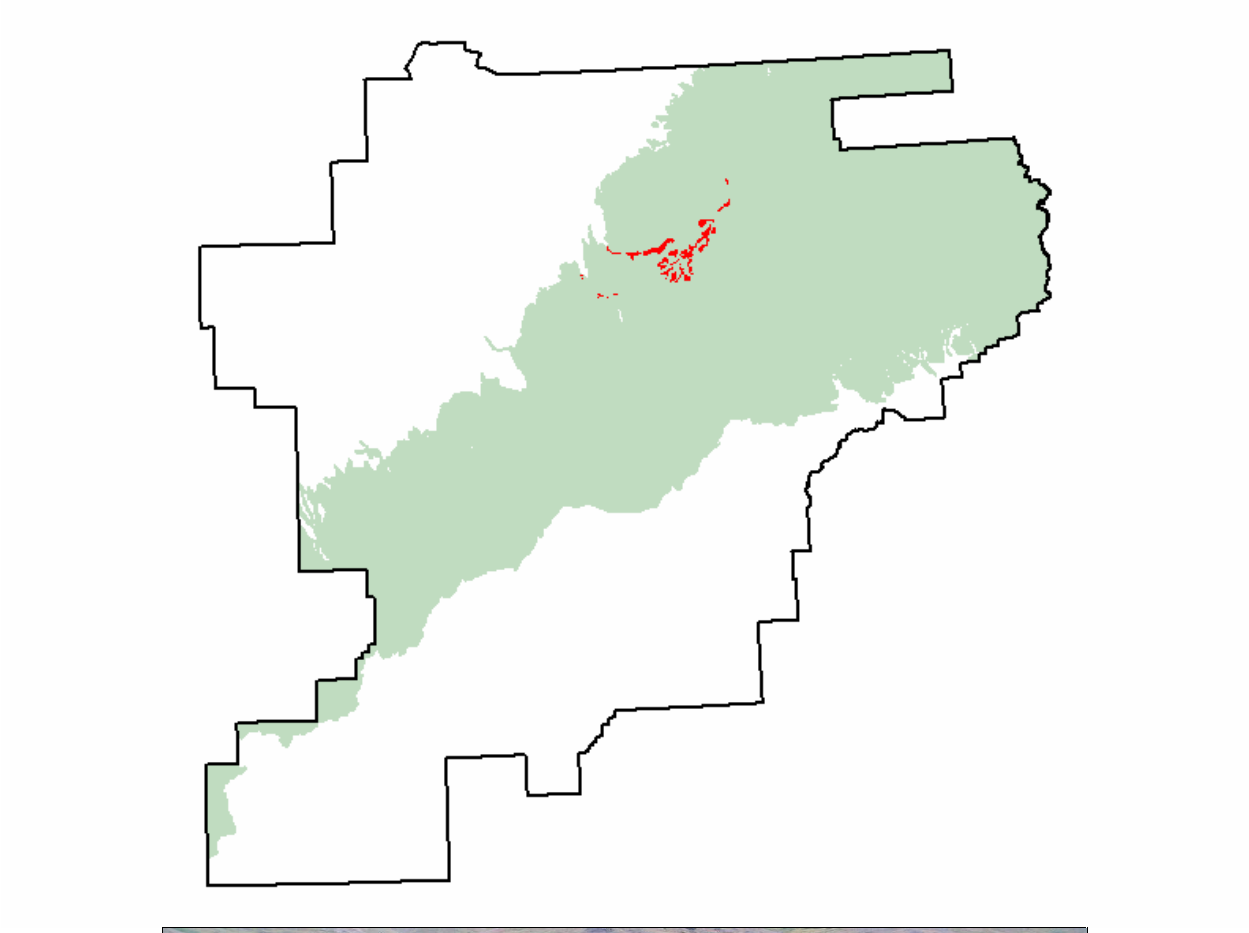


Distribution of map unit 8MBS (red) within the Alaska Mountains Section (gray) and typical landscape photo (background).

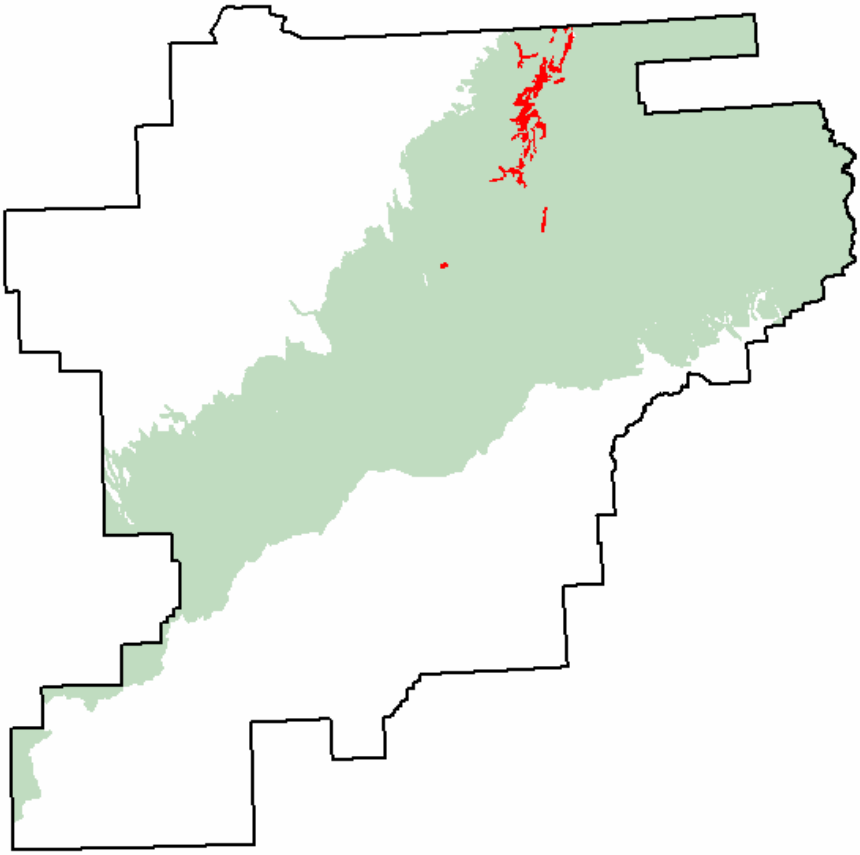




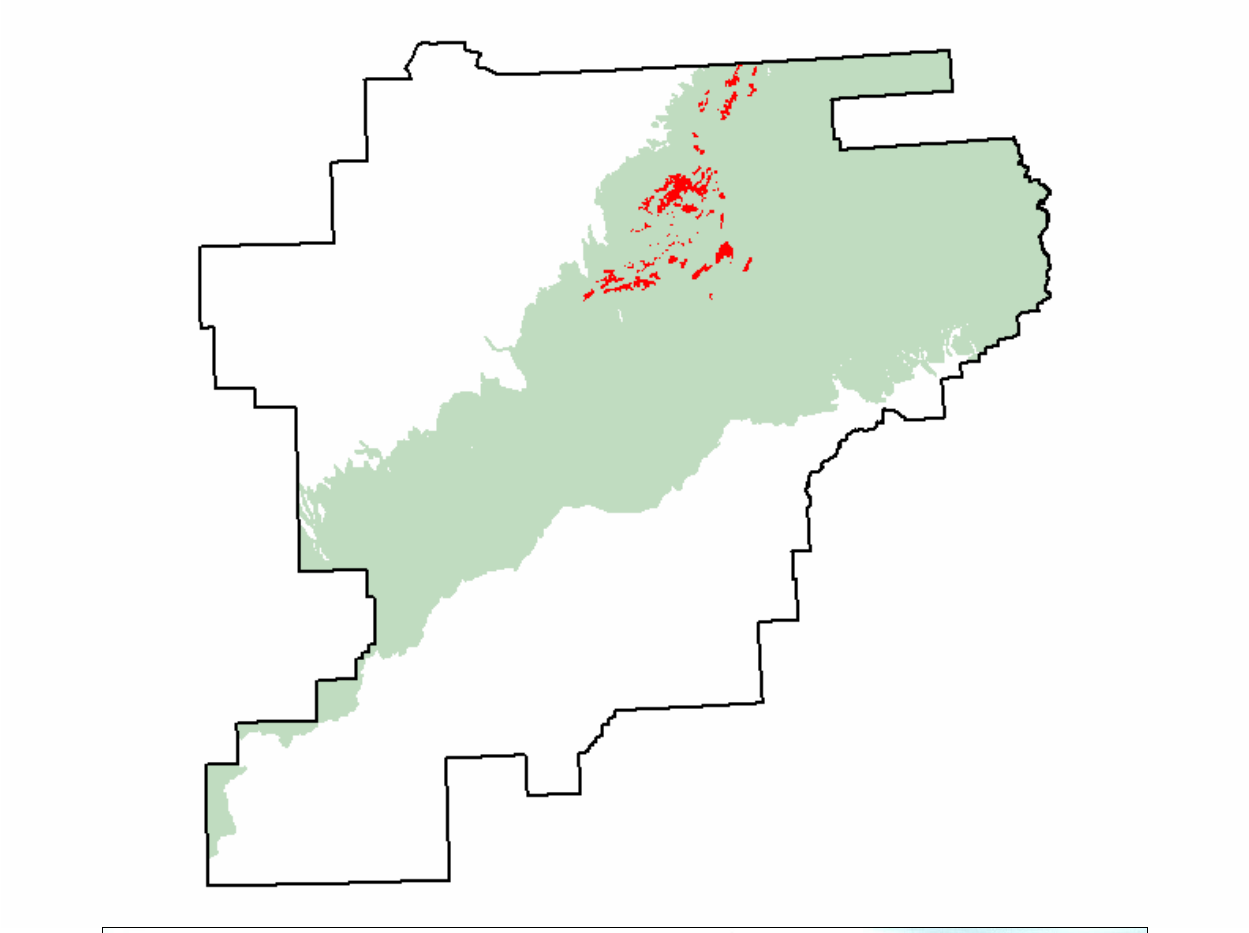
Distribution of map unit 8MFS (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

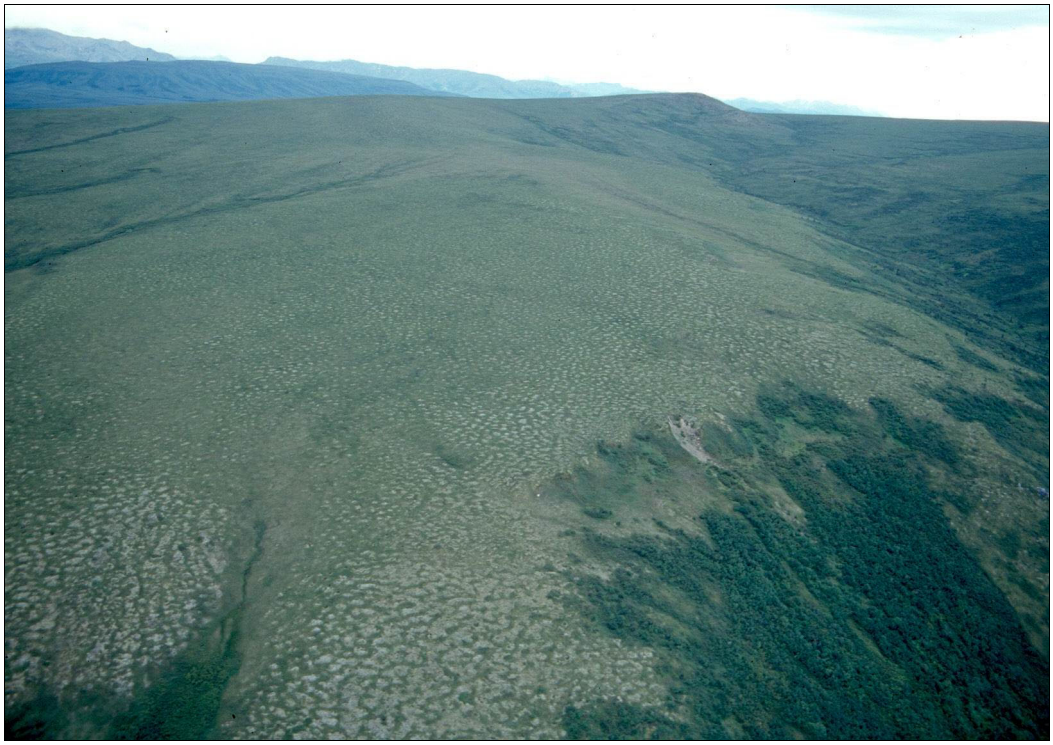


Distribution of map unit 8MFS1 (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).

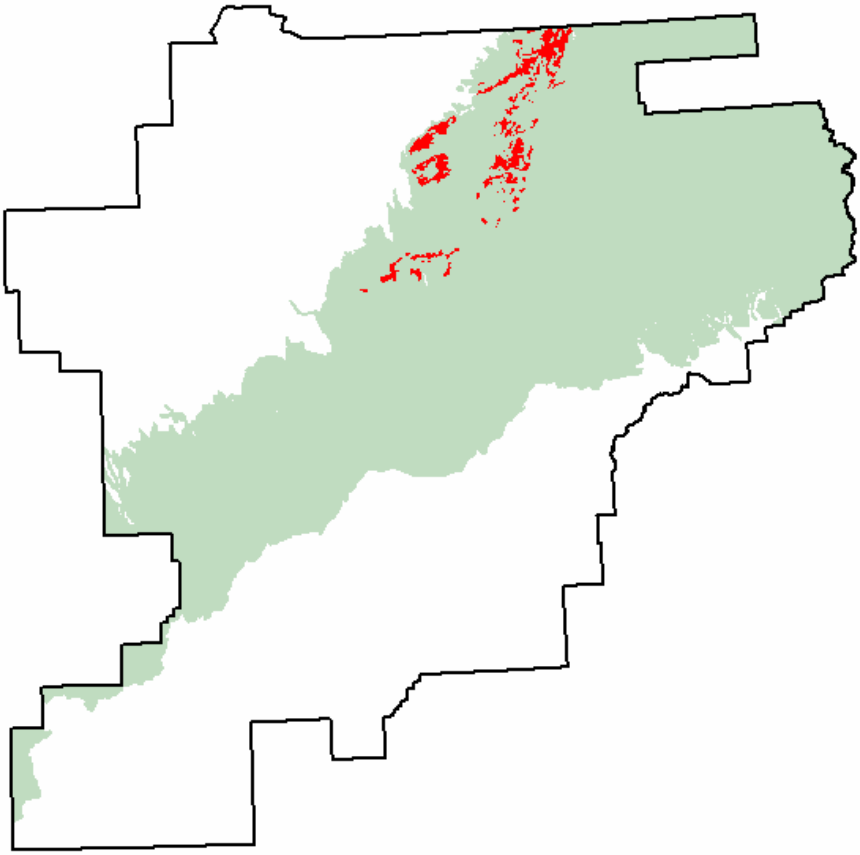


Distribution of map unit 8MS (red) within the Alaska Mountains Section (gray) and typical landscape photo.

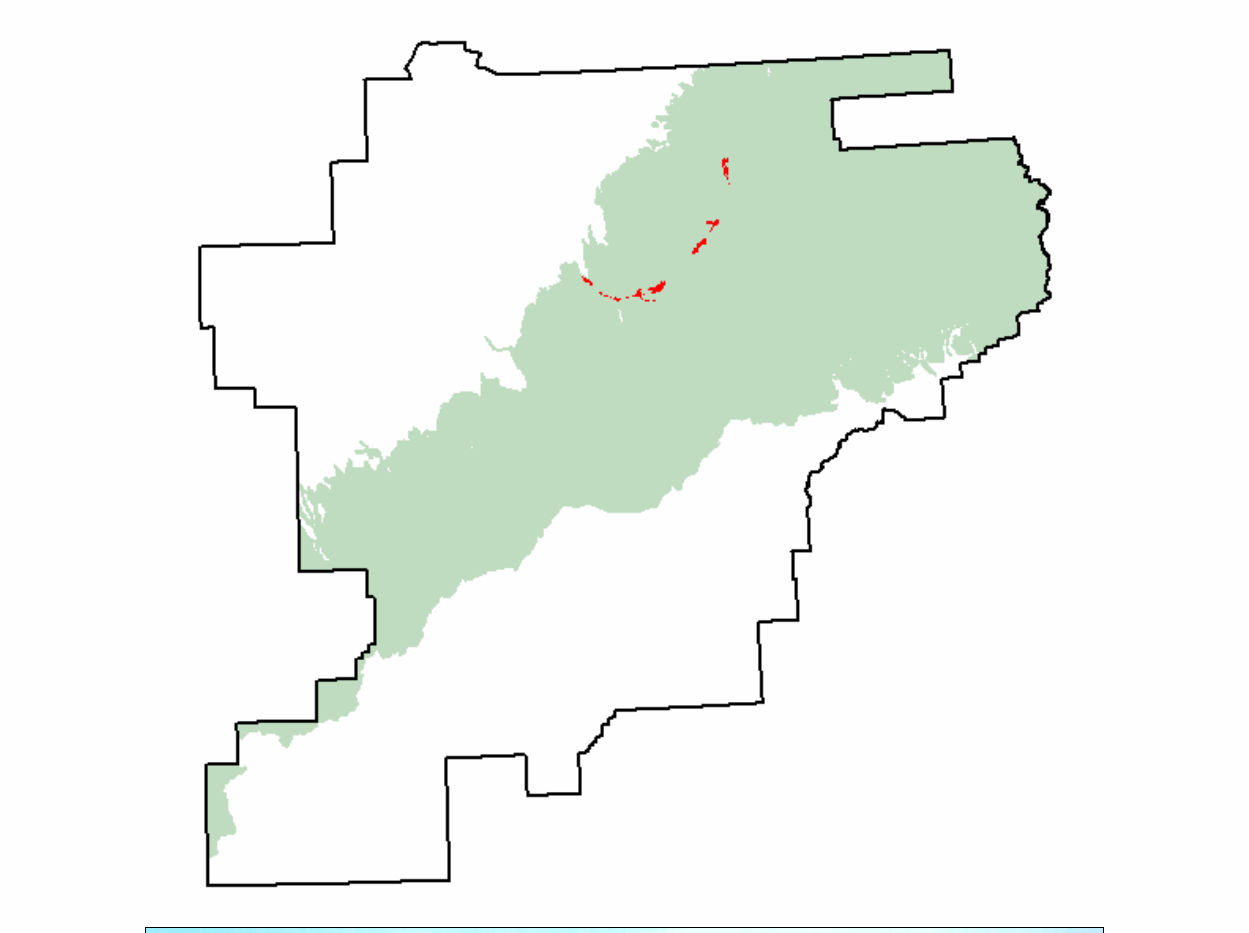


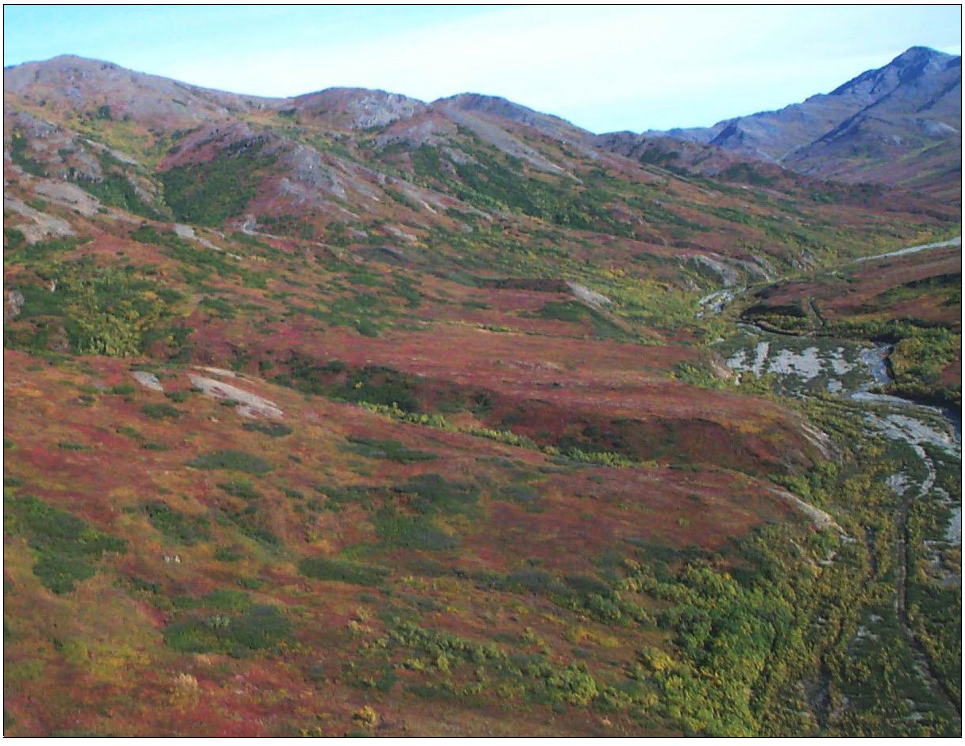


Distribution of map unit 8MVF (red) within the Alaska Mountains Section (gray) and typical landscape photo (photo right).

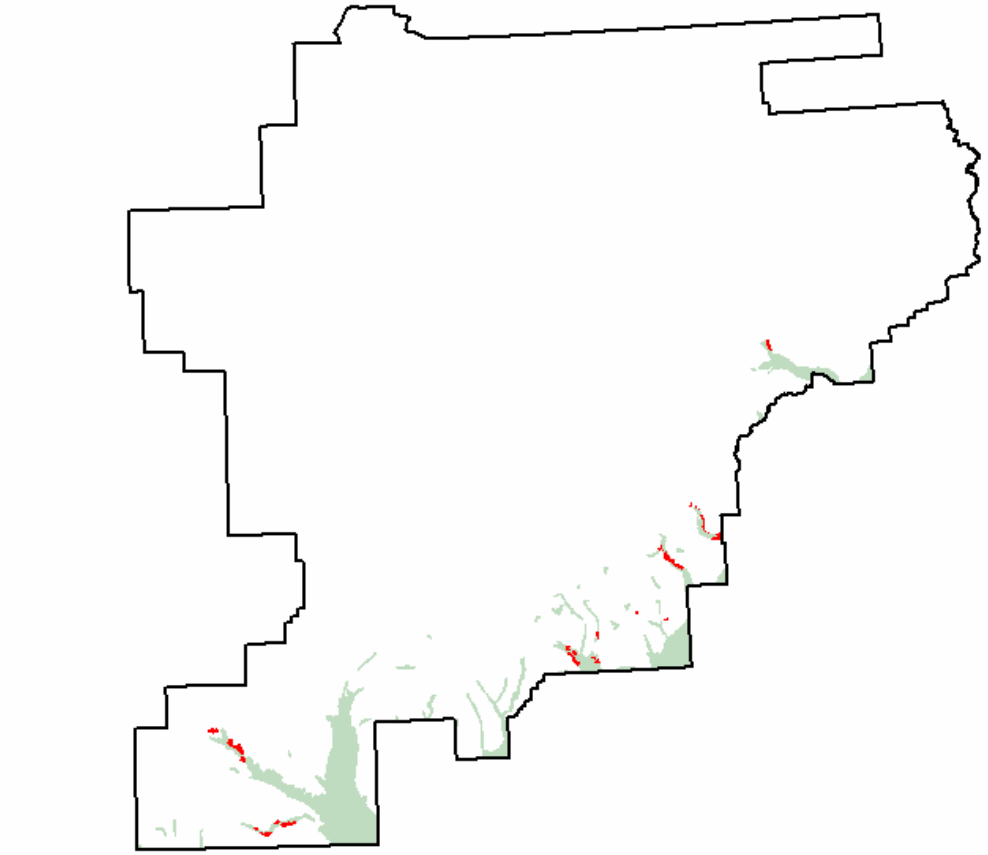


Distribution of map unit 8ST1 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

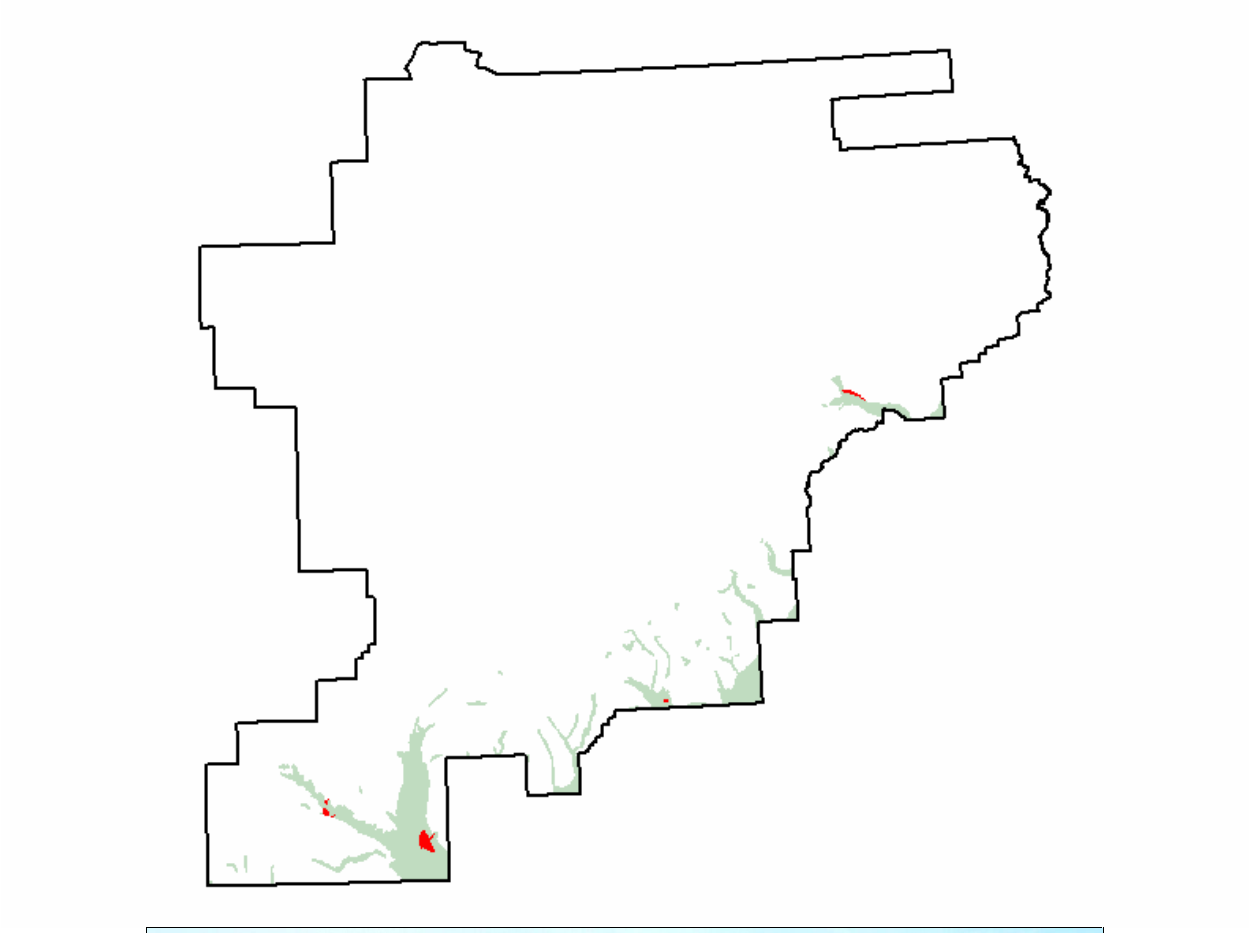




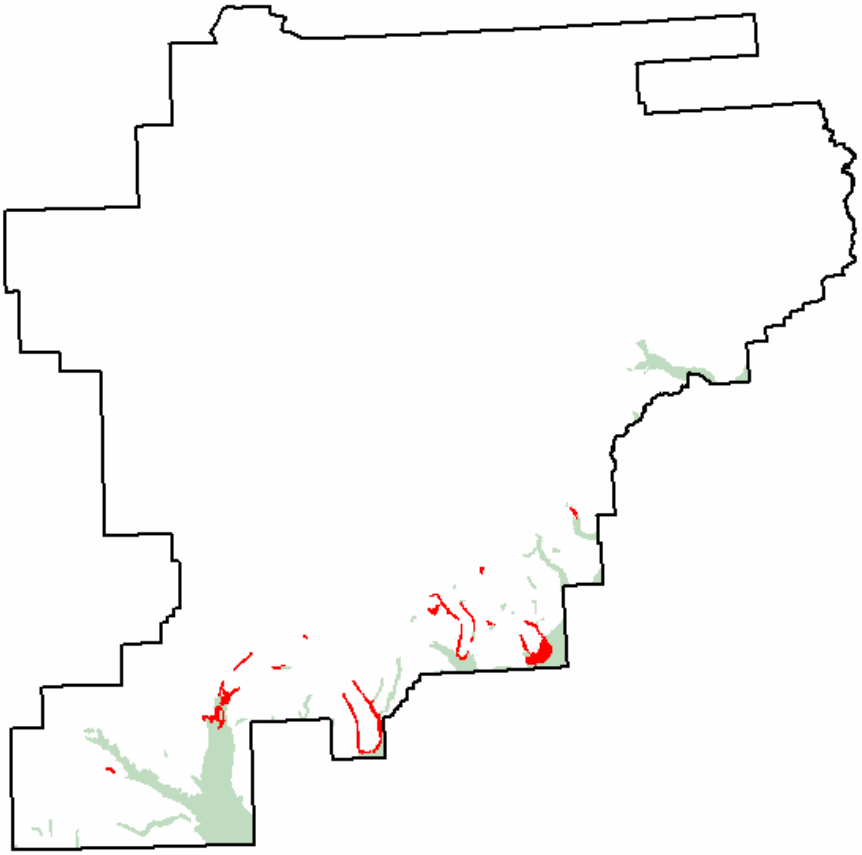
Distribution of map unit 9AF (red) within the Alaska Mountains Section (gray) and typical landscape photo (upper right).



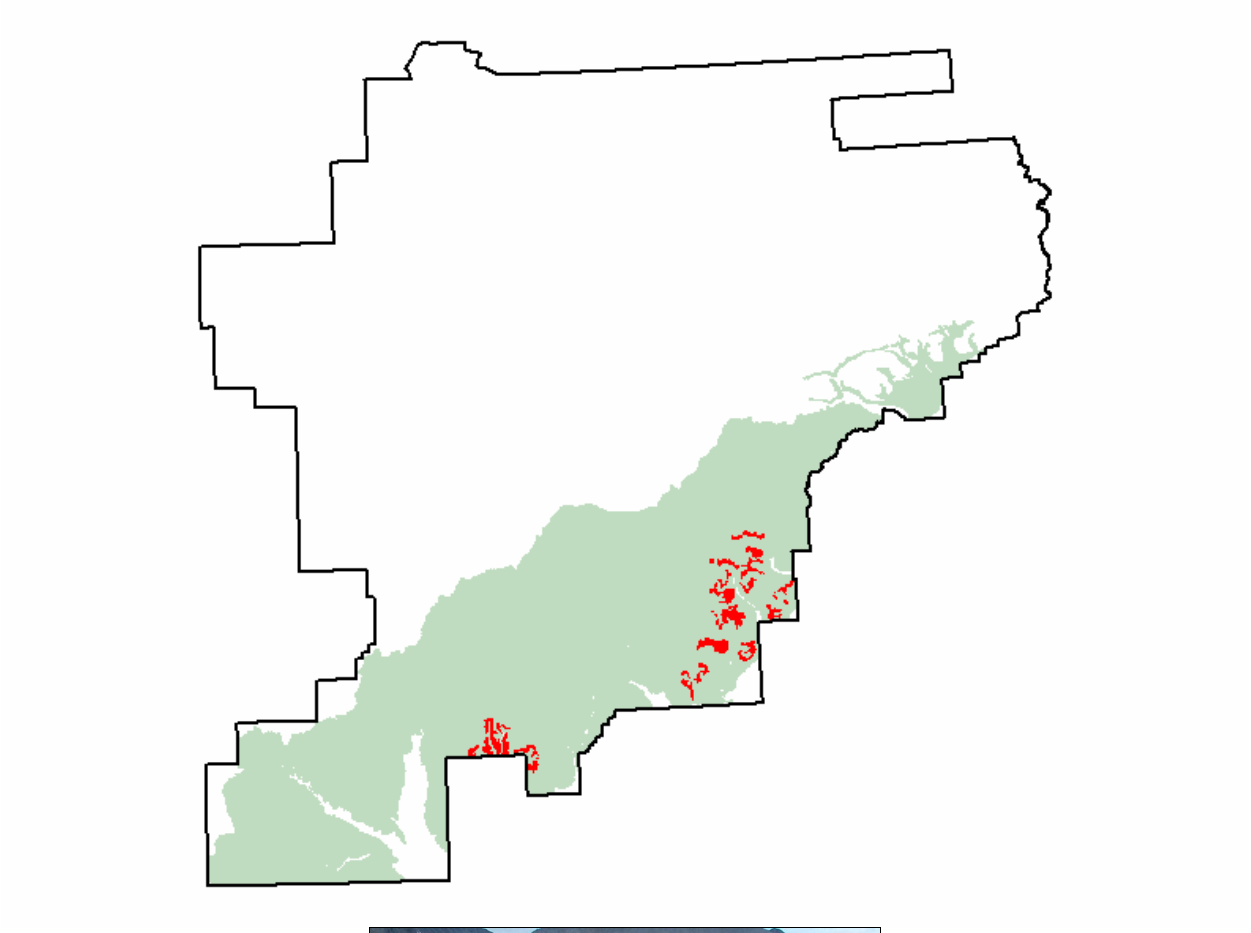
Distribution of map unit 9AF2 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).

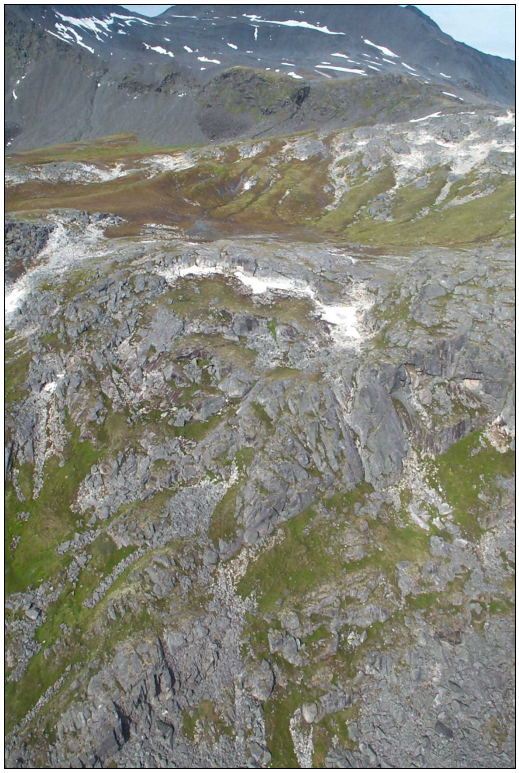


Distribution of map unit 9CE (red) within the Alaska Mountains Section (gray) and typical landscape photo (photo right).

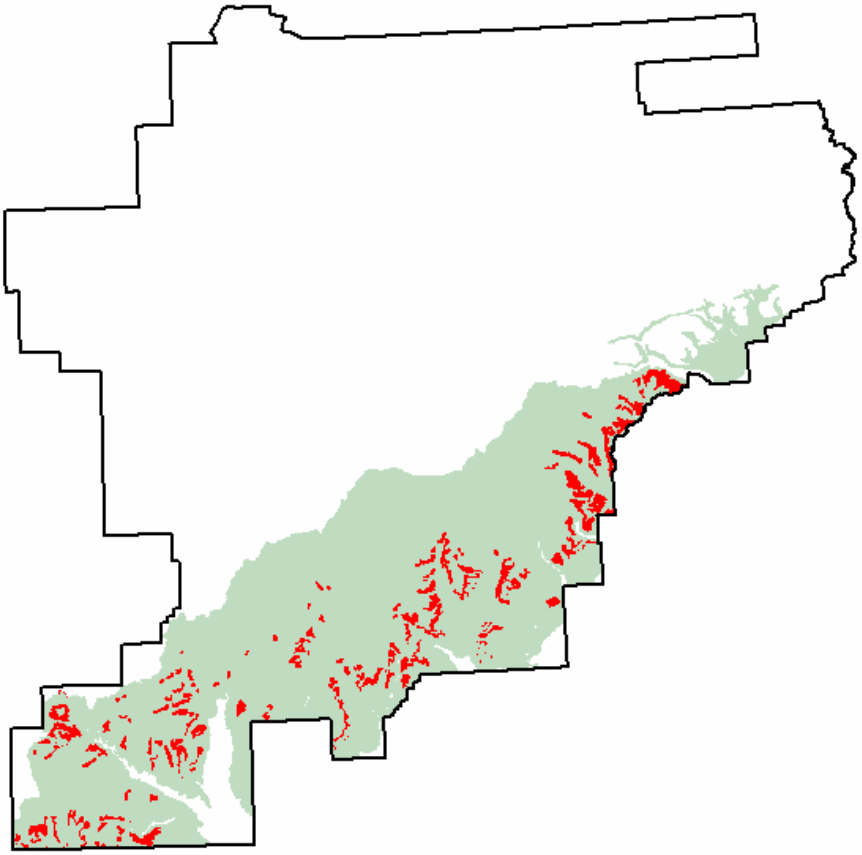


Distribution of map unit 9MSA (red) within the Alaska Mountains Section (gray) and typical landscape photo (photo right).

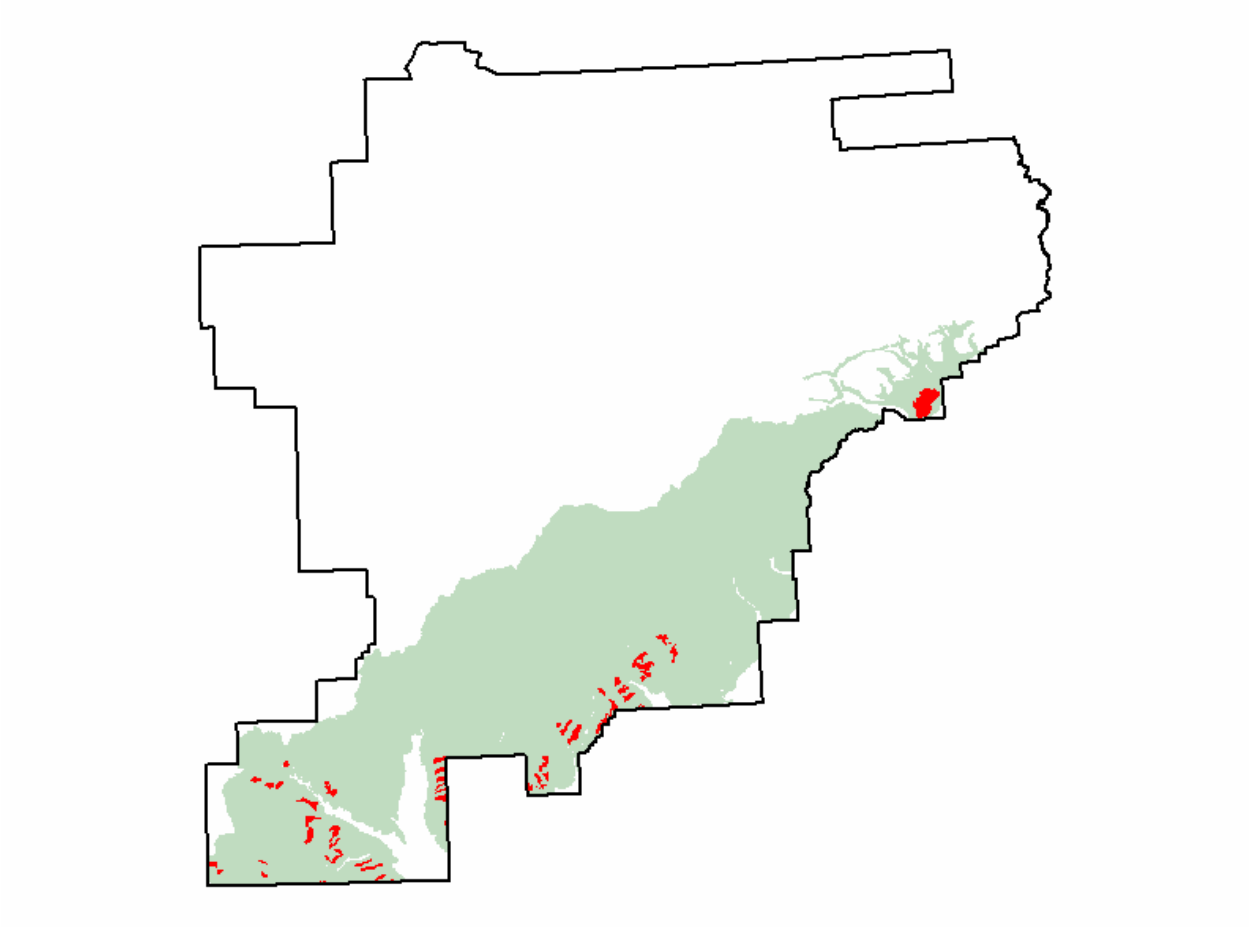




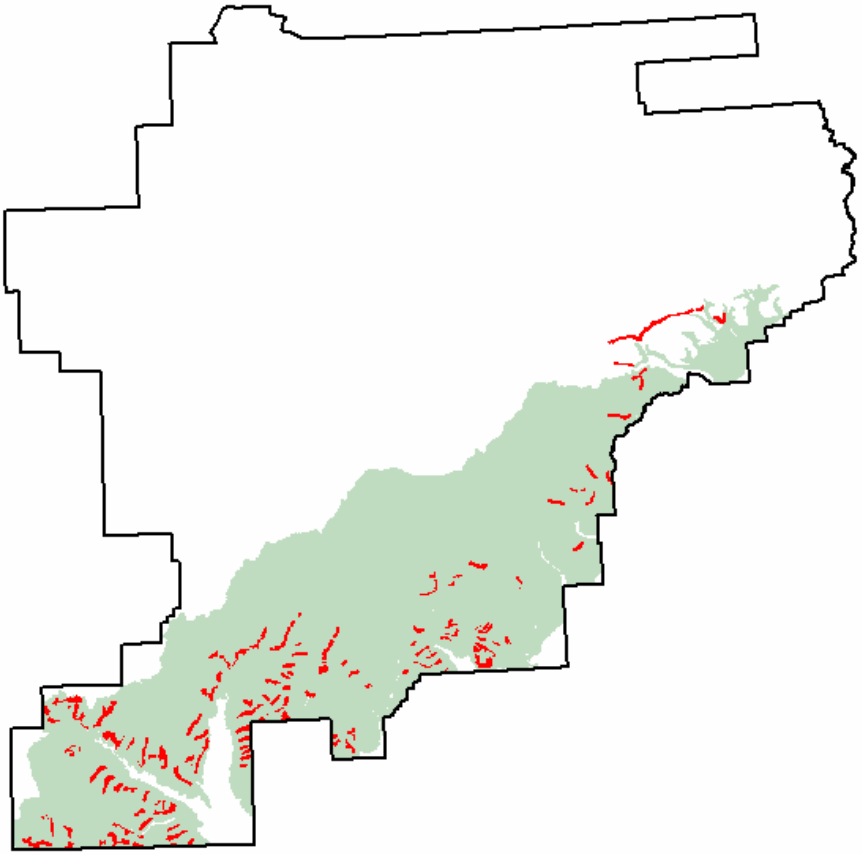
Distribution of map unit 9MSH (red) within the Alaska Mountains Section (gray) and typical landscape photo (photo right).



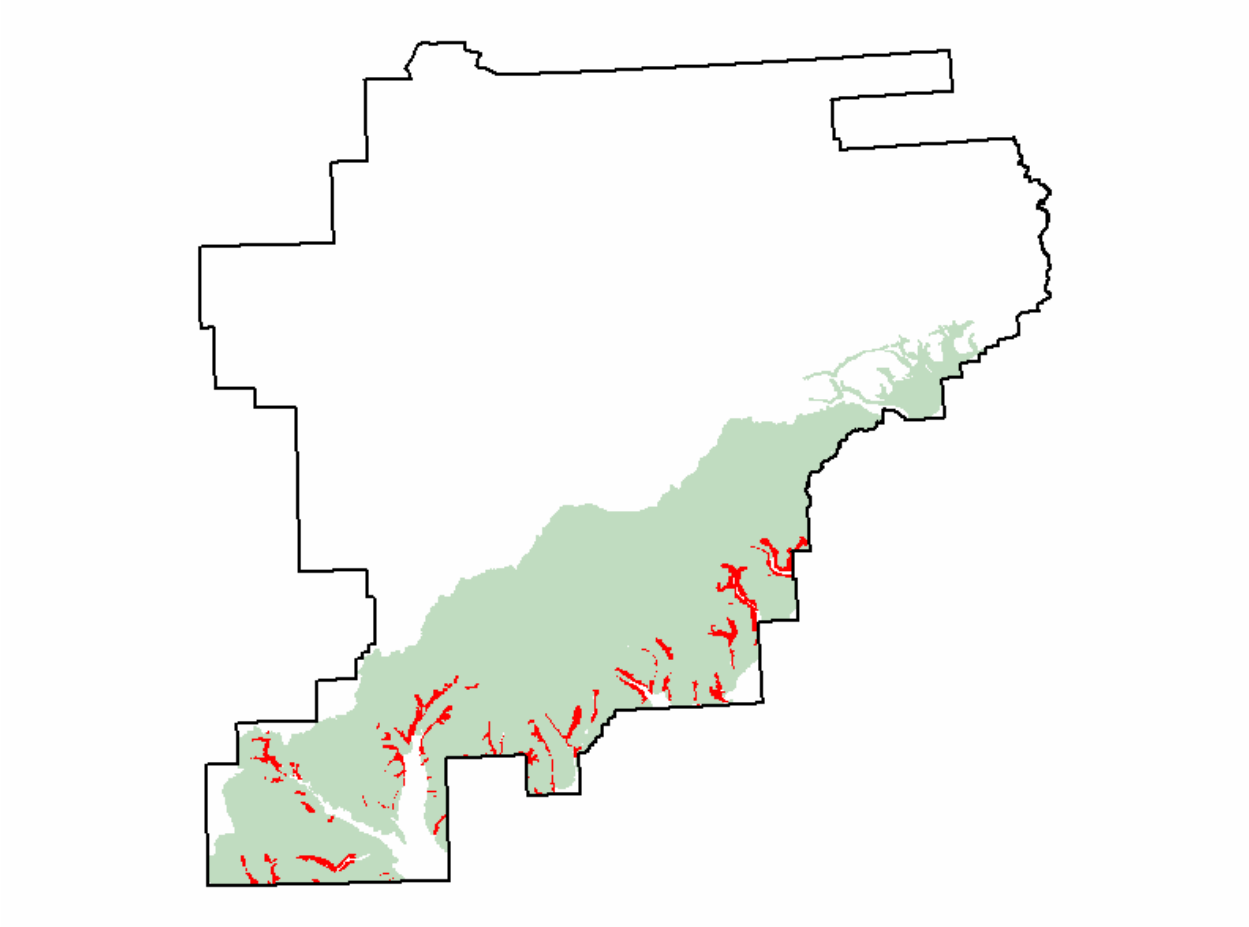
Distribution of map unit 9MSH1 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



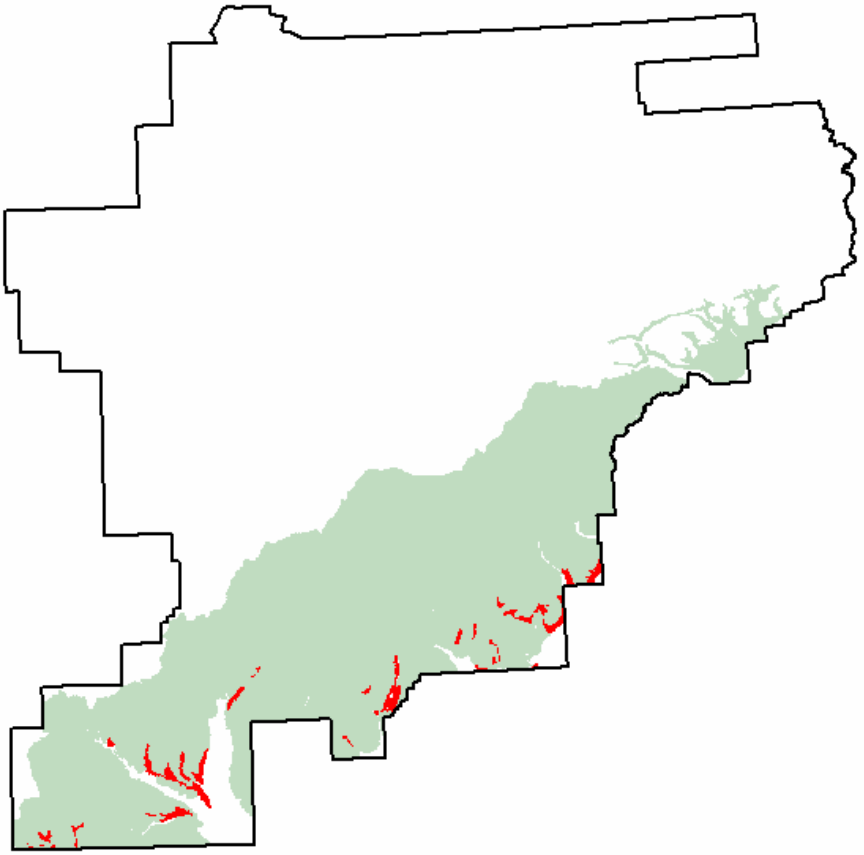
Distribution of map unit 9SA4 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



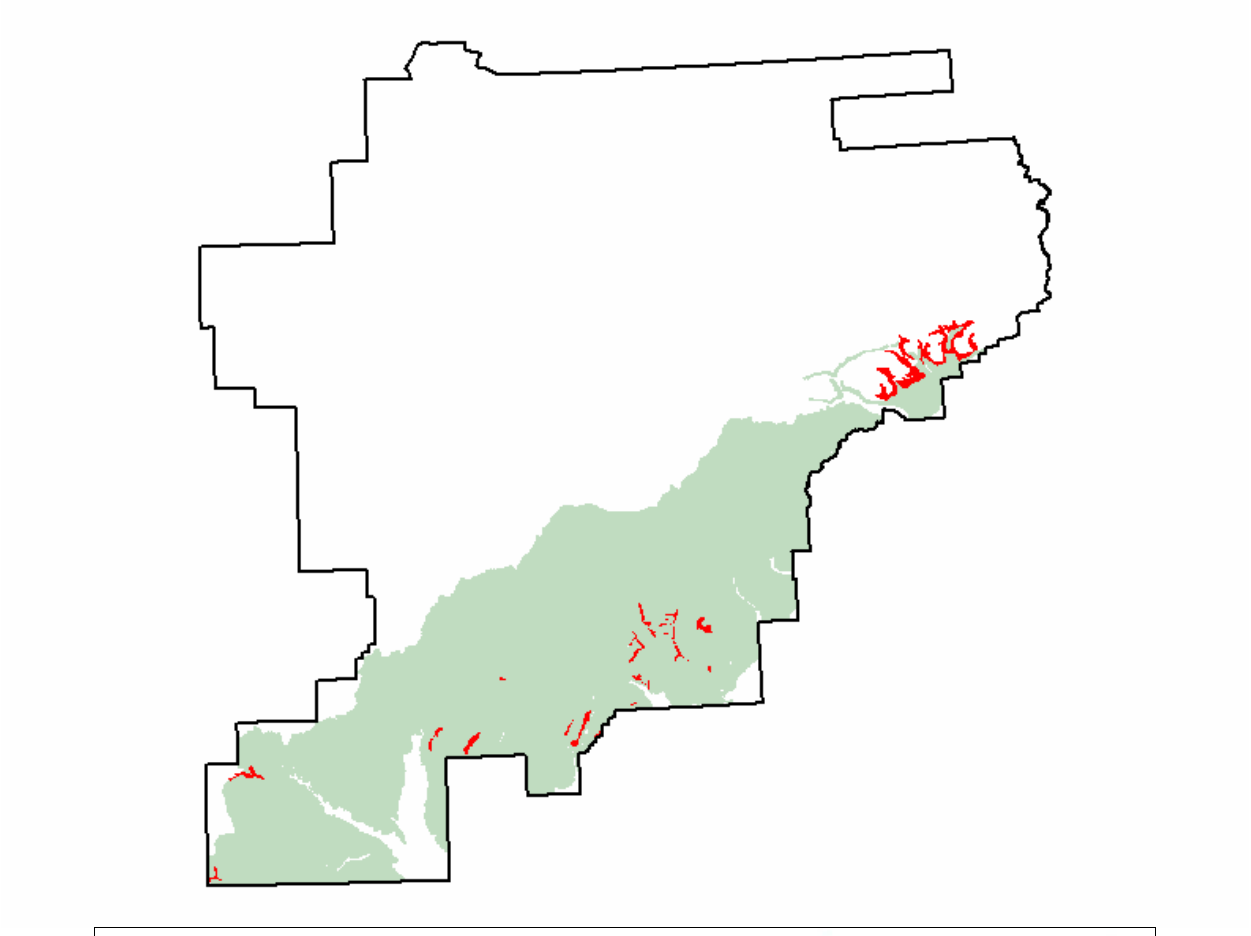
Distribution of map unit 9SA5 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground).



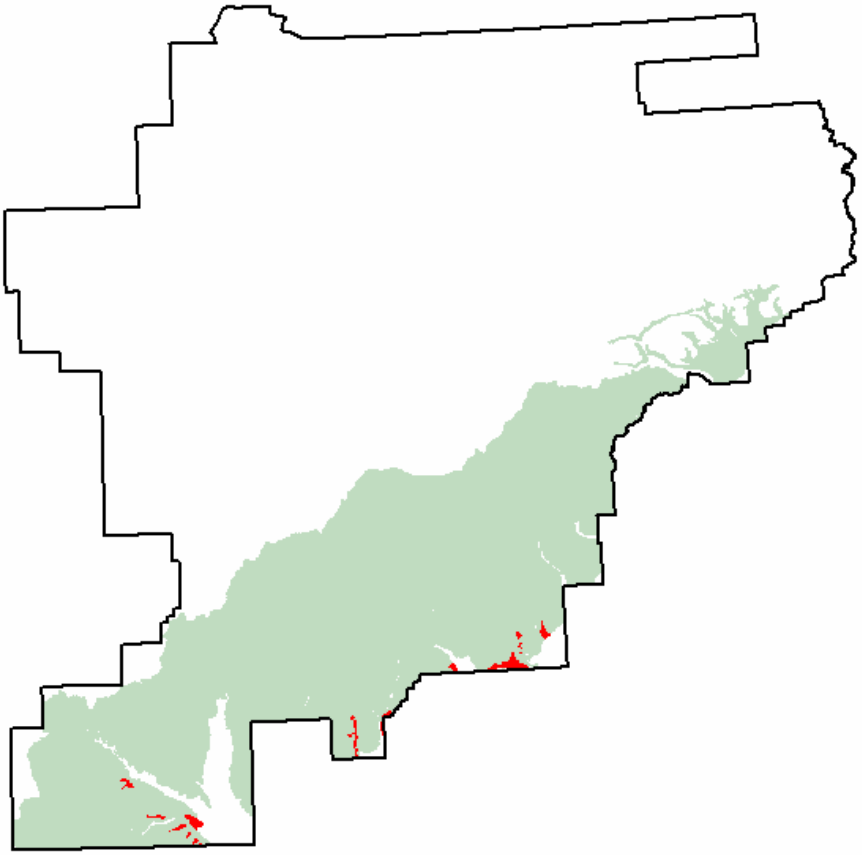
Distribution of map unit 9SA6 (red) within the Alaska Mountains Section (gray) and typical landscape photo (left foreground).



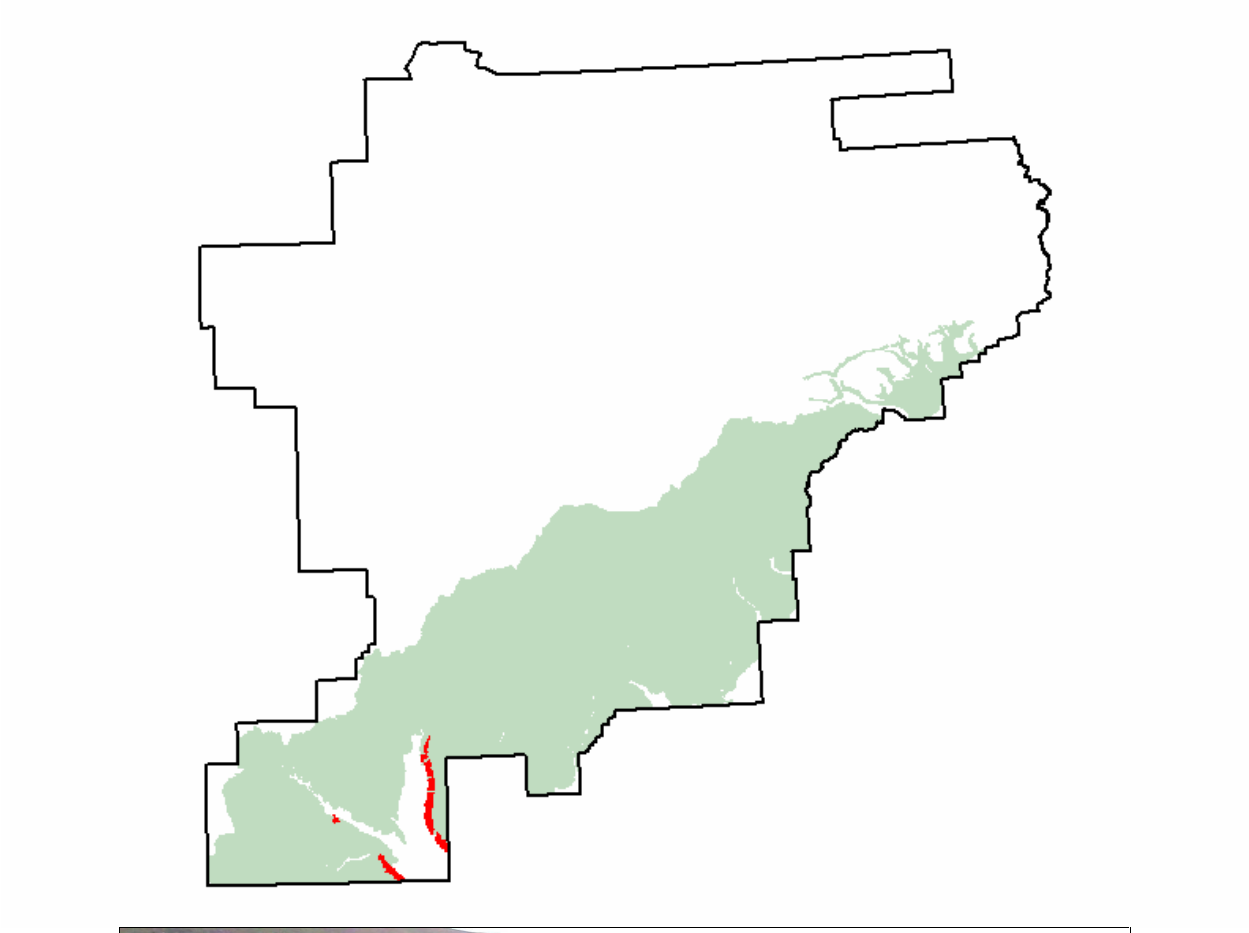
Distribution of map unit 9SA44 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



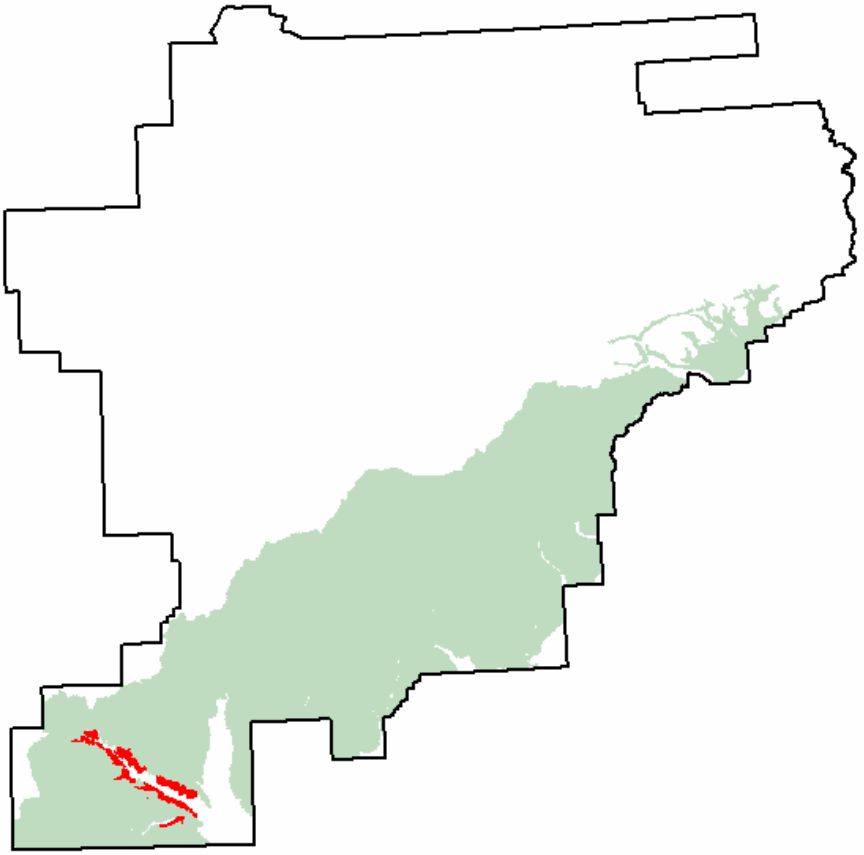
Distribution of map unit 9SA61 (red) within the Alaska Mountains Section (gray) and typical landscape photo.

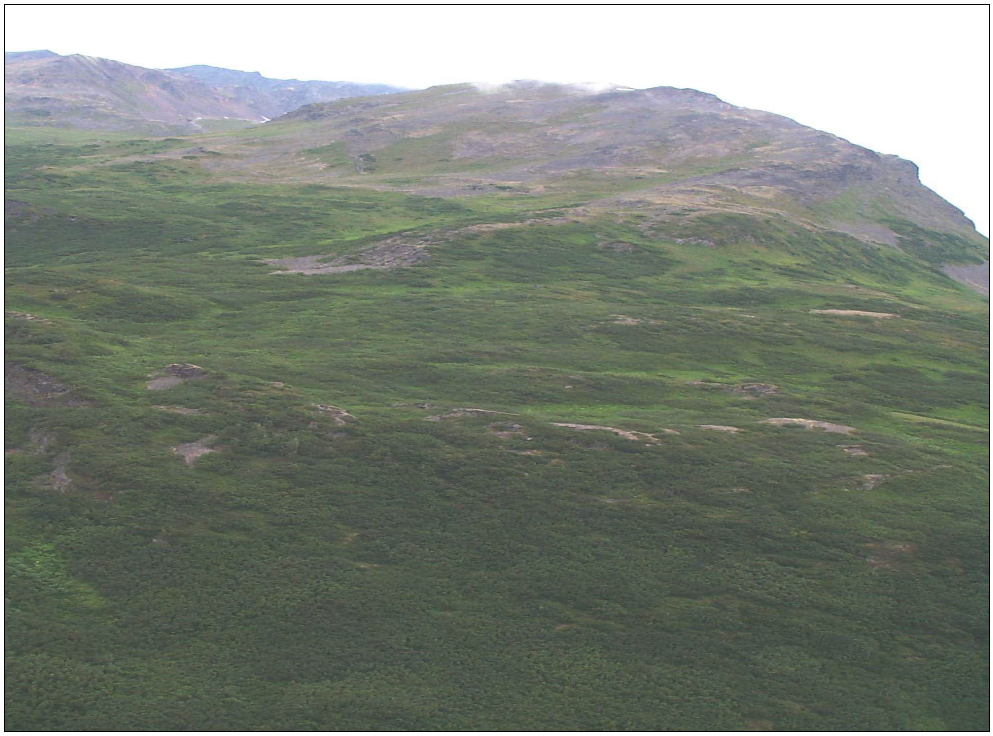


Distribution of map unit 9SA62 (red) within the Alaska Mountains Section (gray) and typical landscape photo.

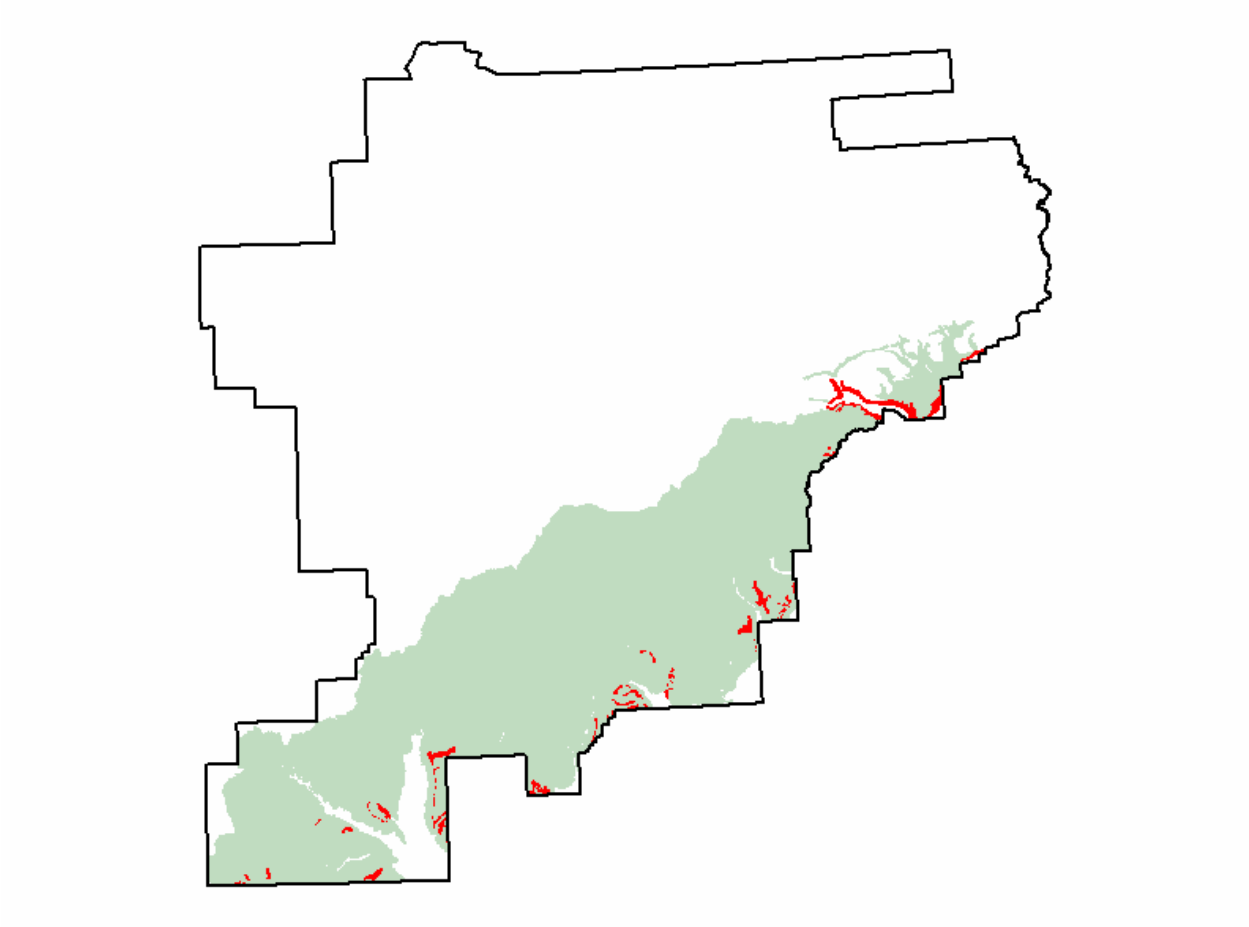


Distribution of map unit 9SA66 (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground and mid-ground).

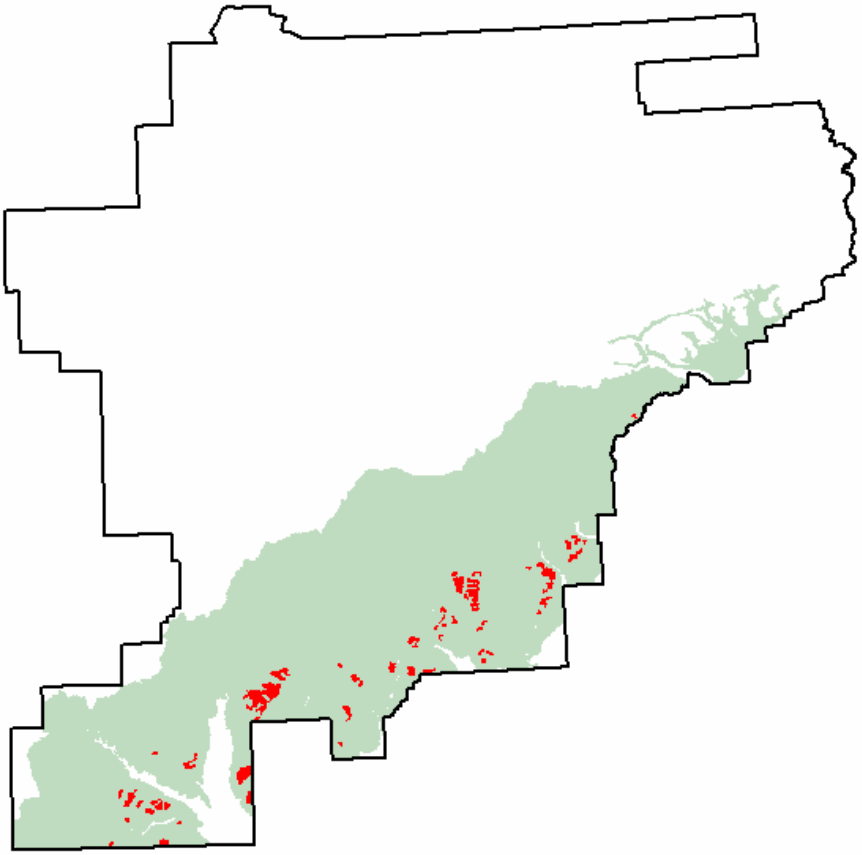




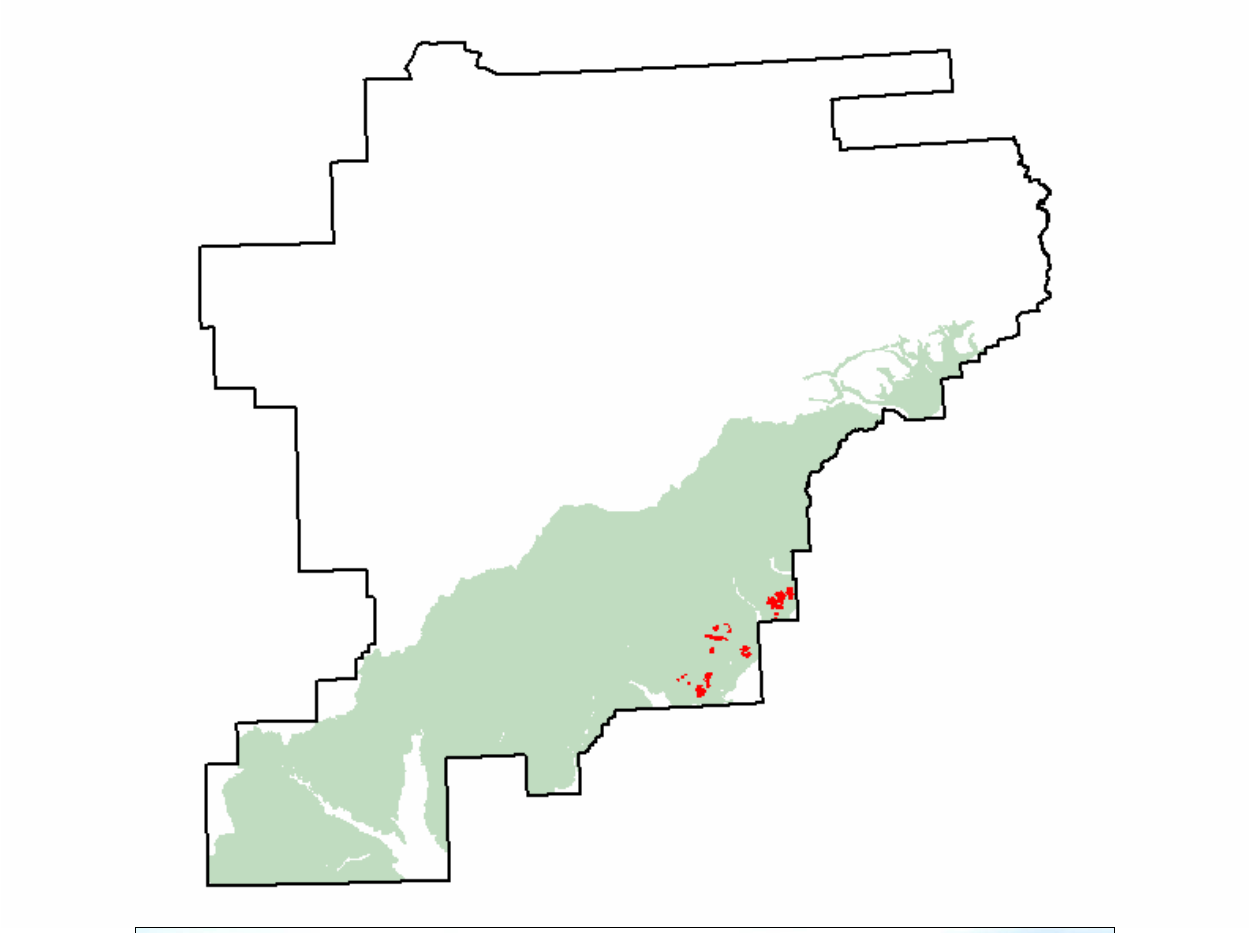
Distribution of map unit 9TM (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).



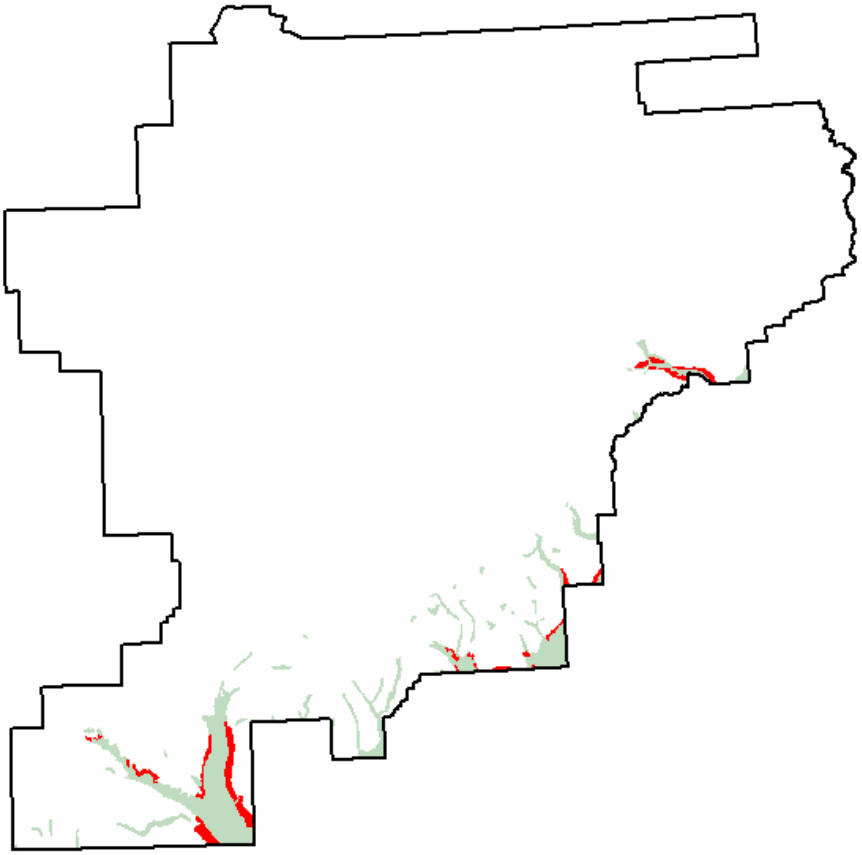
Distribution of map unit 9TM3 (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).



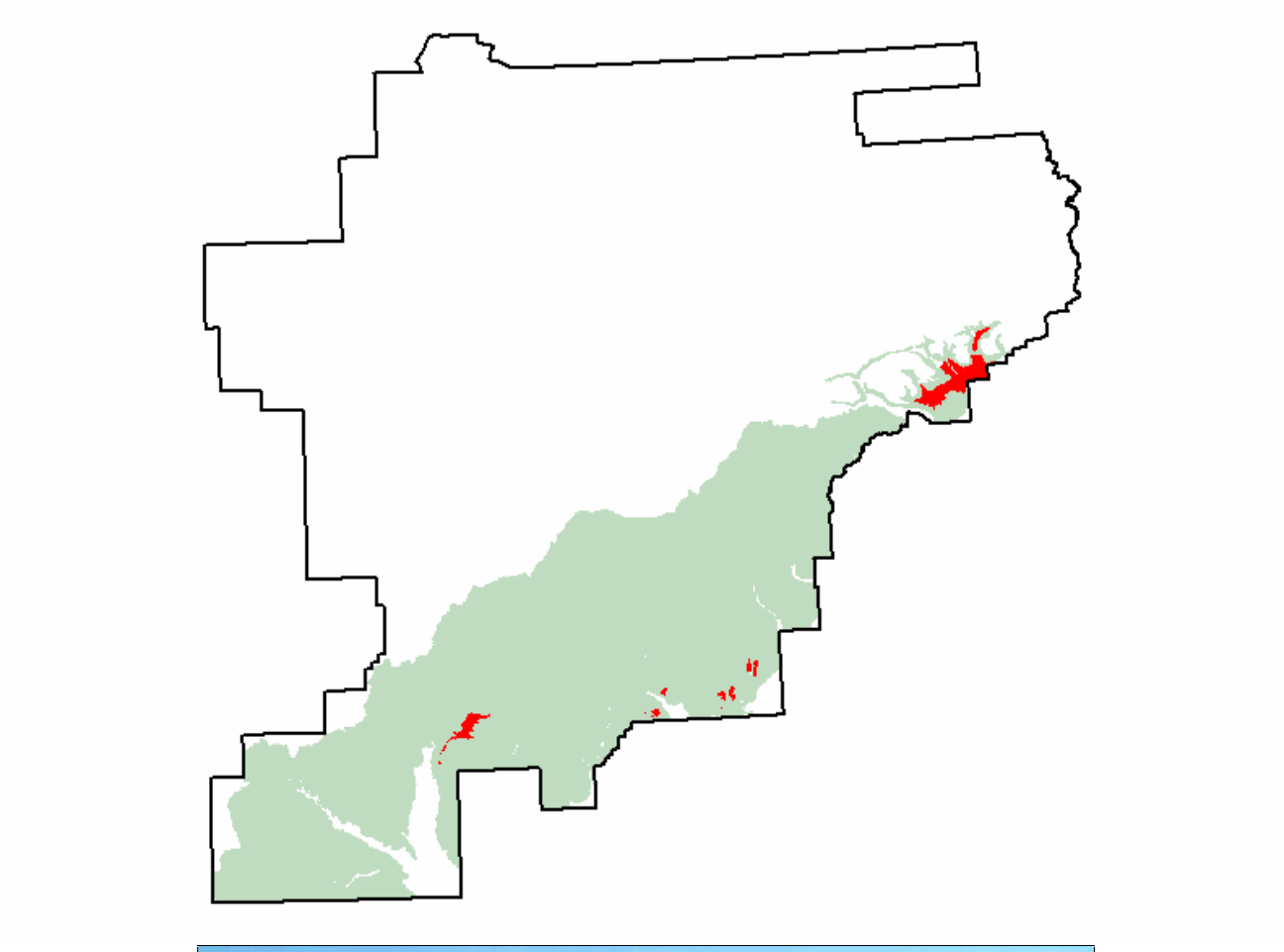
Distribution of map unit 9TM4 (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground and mid-ground).

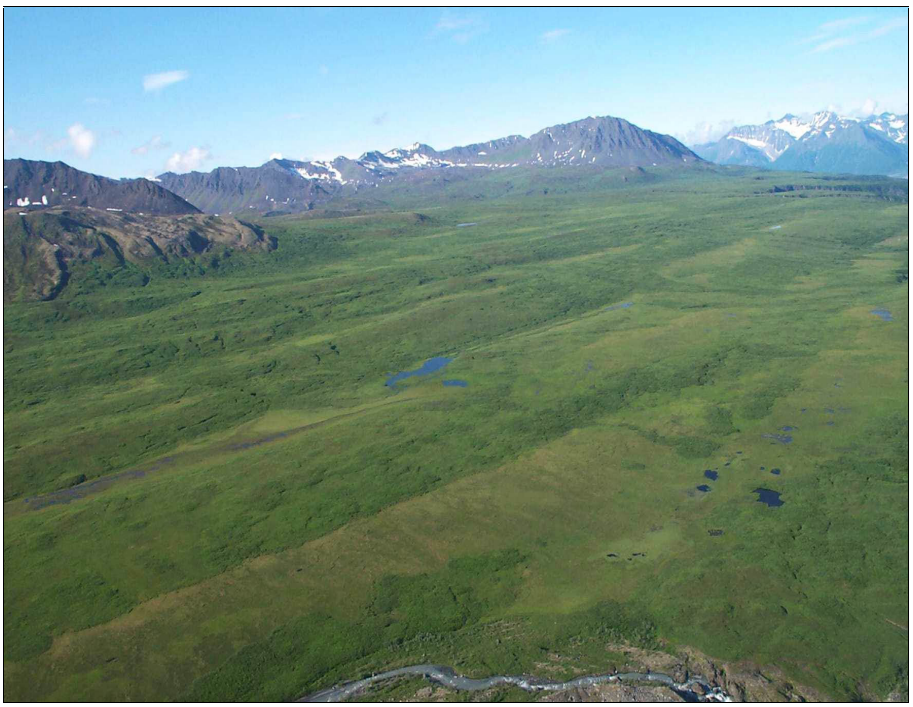


Distribution of map unit 9TMF (red) within the Alaska Mountains Section (gray) and typical landscape photo (delineated area).

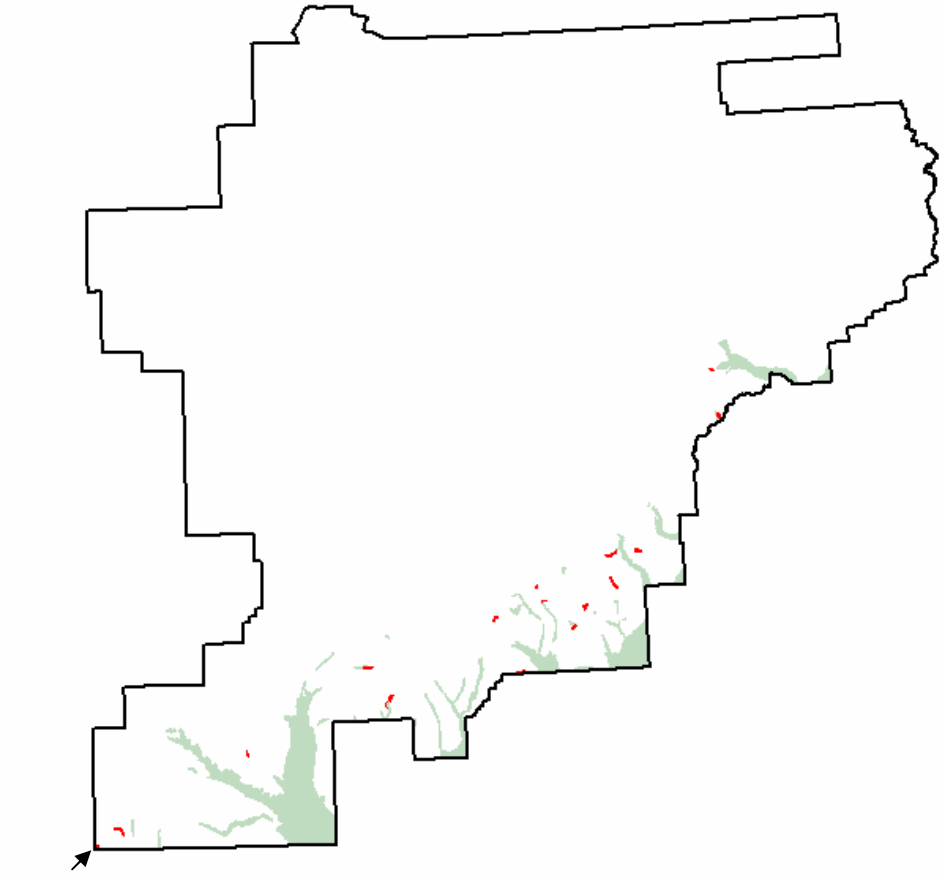


Distribution of map unit 9TP (red) and typical landscape photo (foreground to mid-ground).

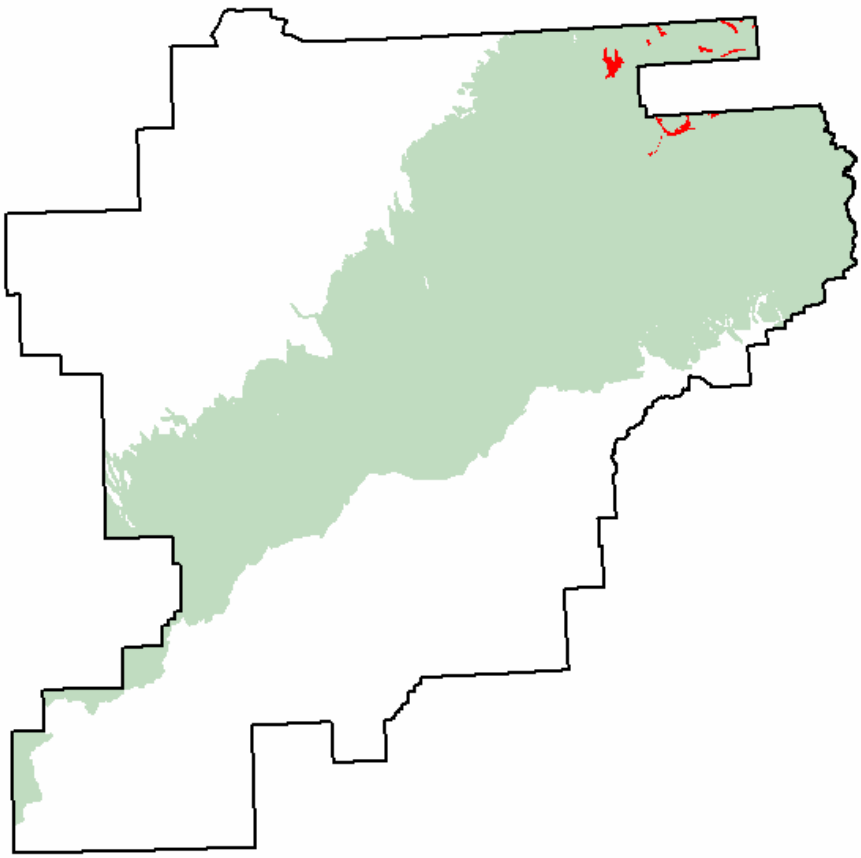


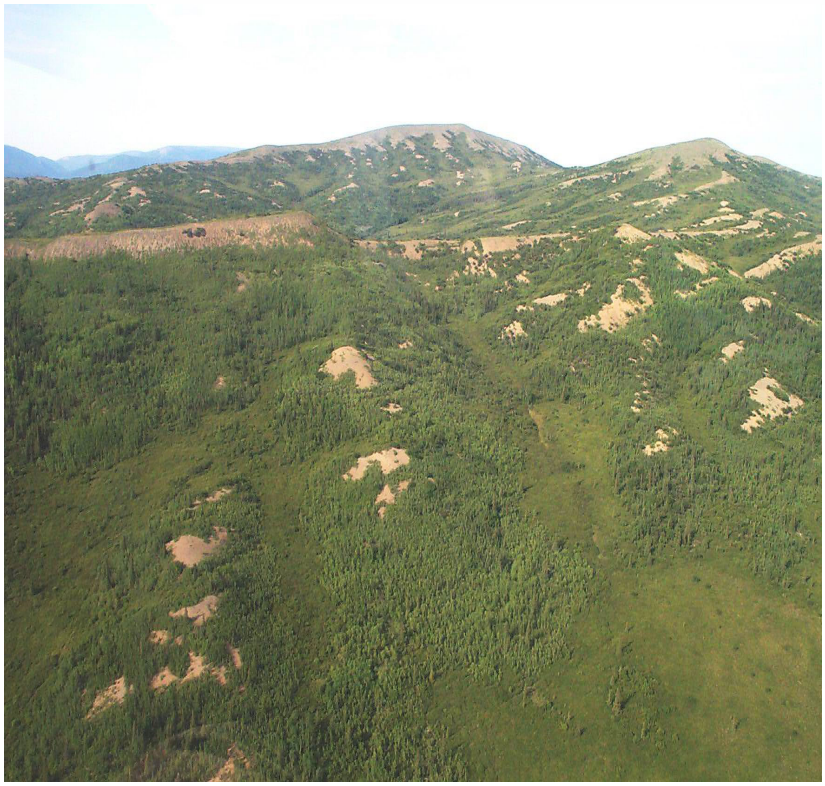


Distribution of map unit 9V12 (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground to mid-ground).

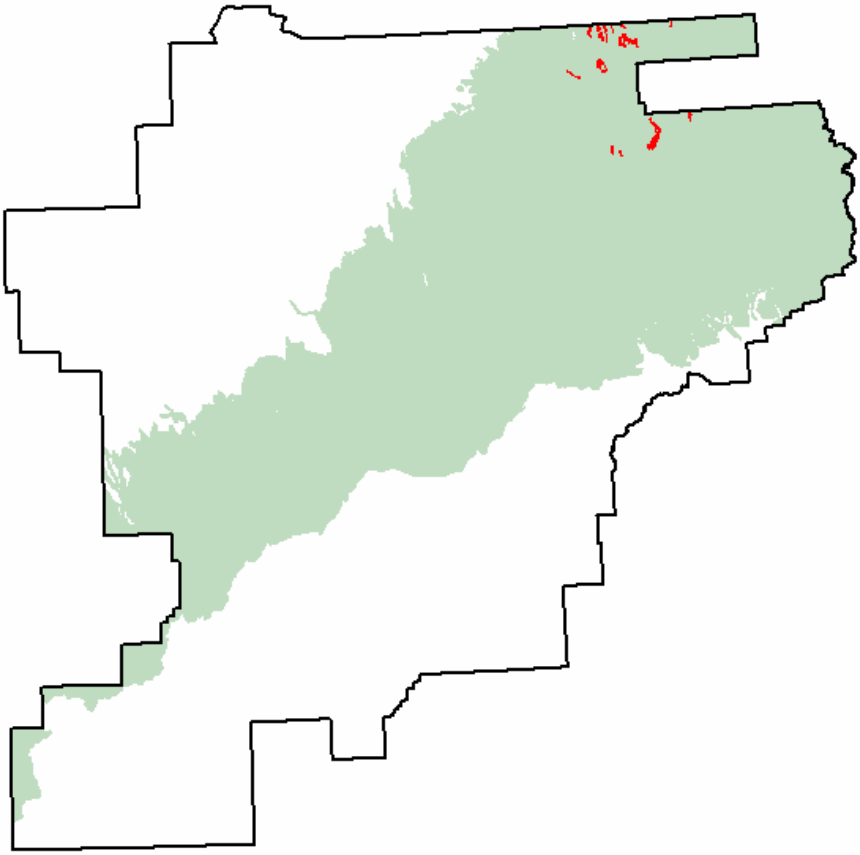


Distribution of map unit 10ES (red) within the Alaska Mountains Section (gray) and typical landscape photo.

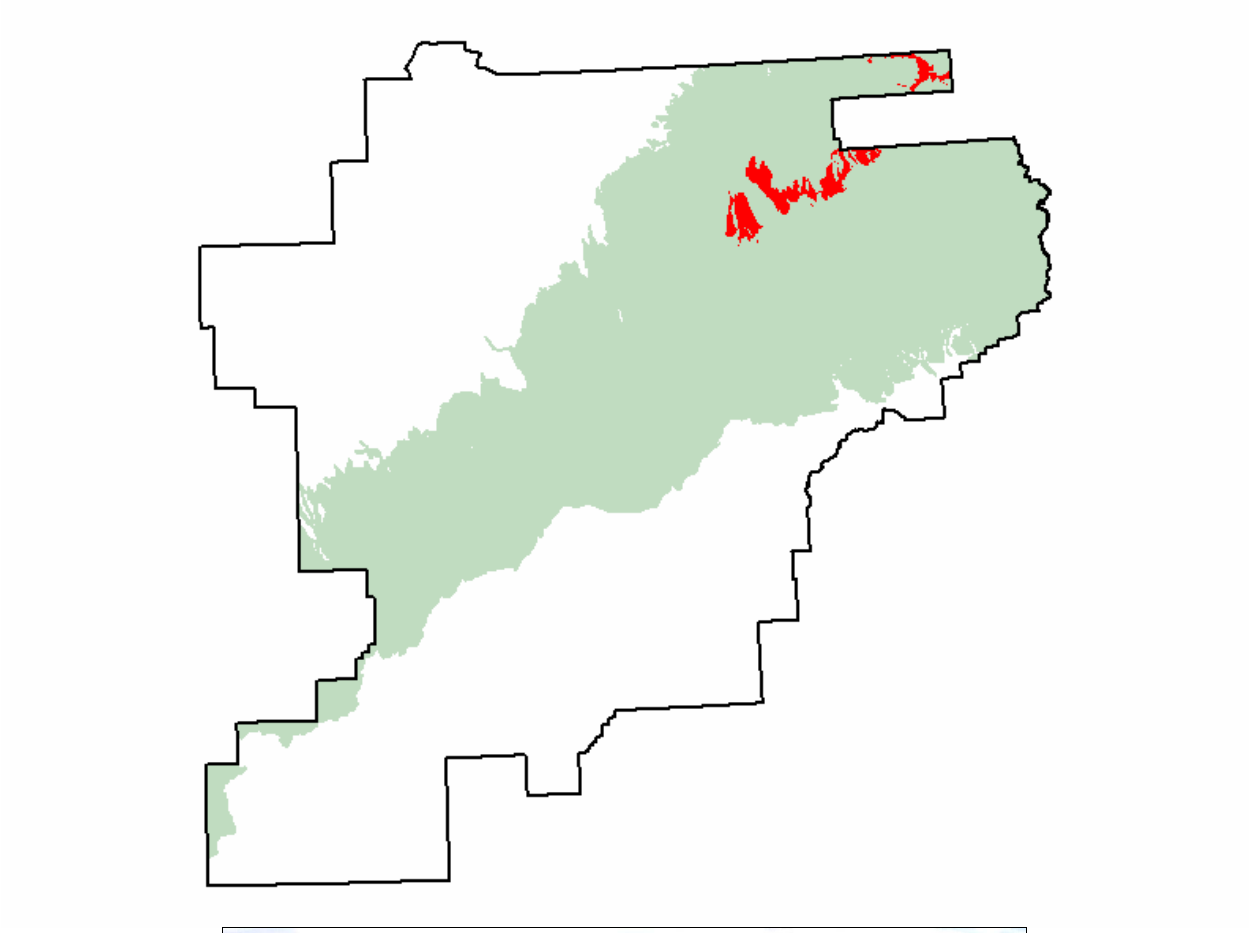




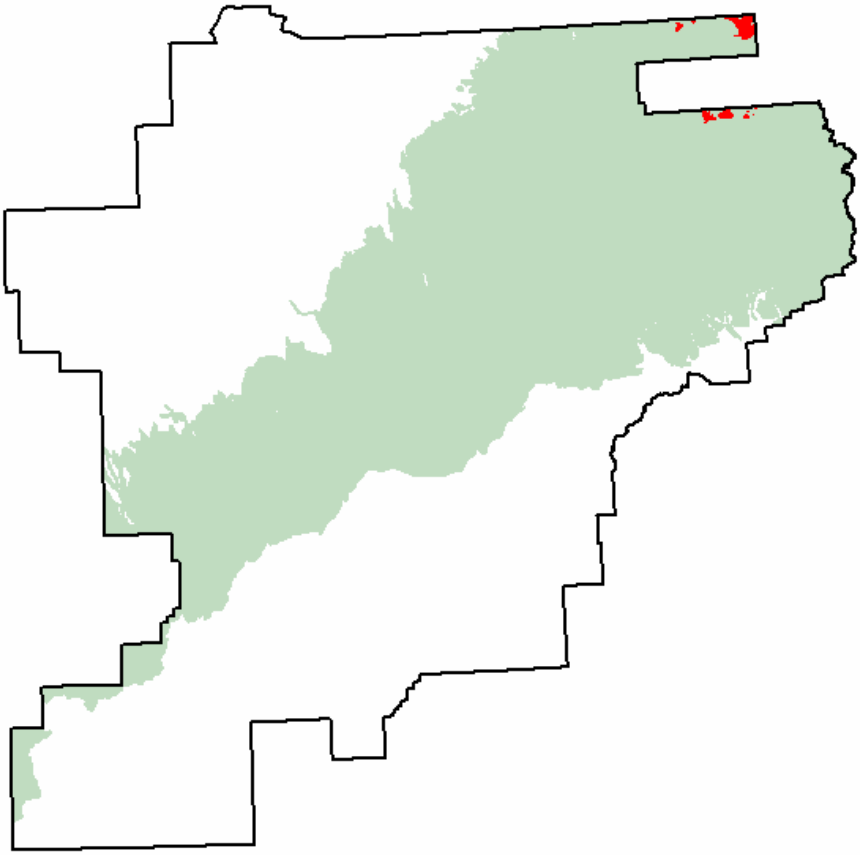
Distribution of map unit 10ES1 (red) within the Alaska Mountains Section (gray) and typical landscape photo (upper delineation).



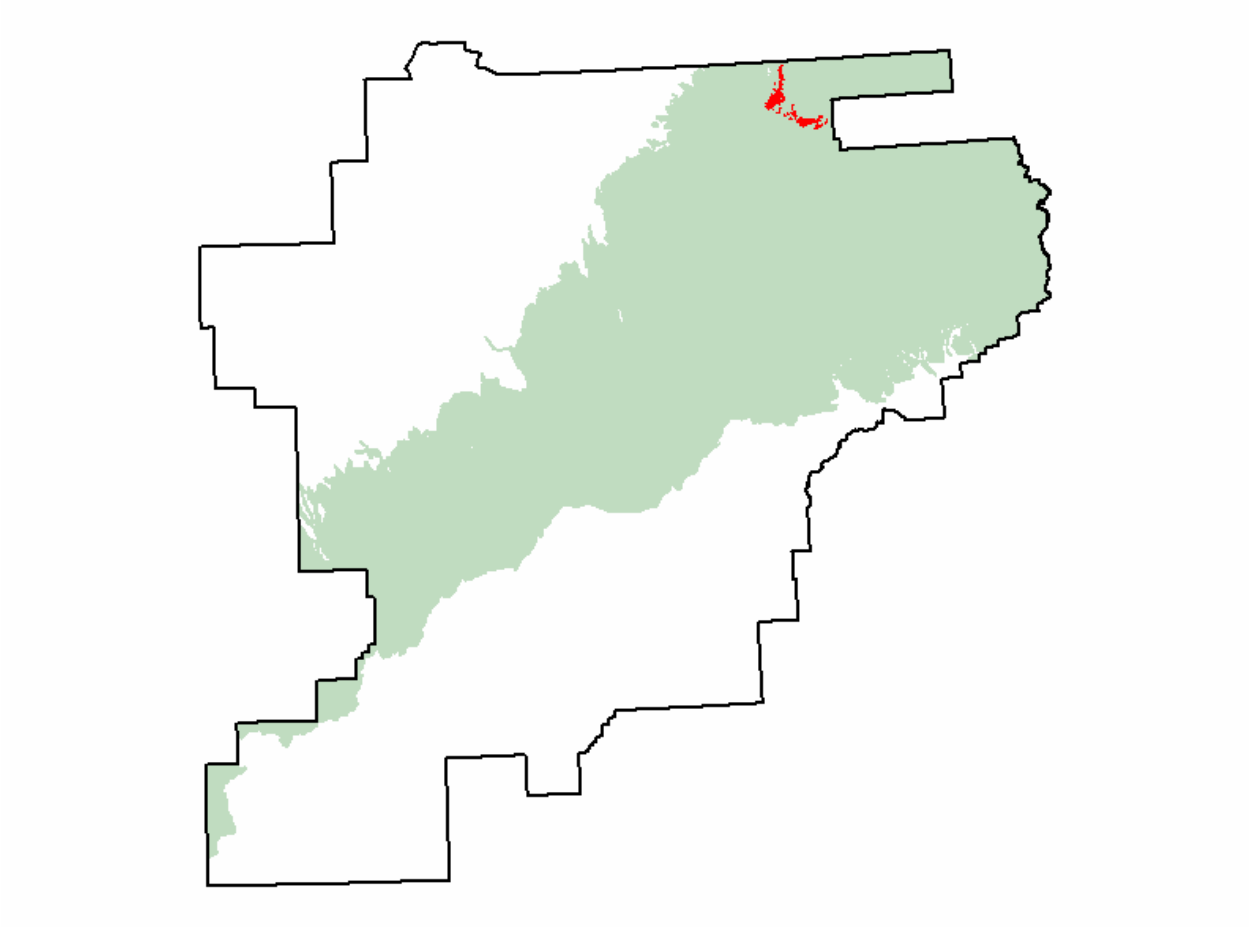
Distribution of map unit 10LM (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).



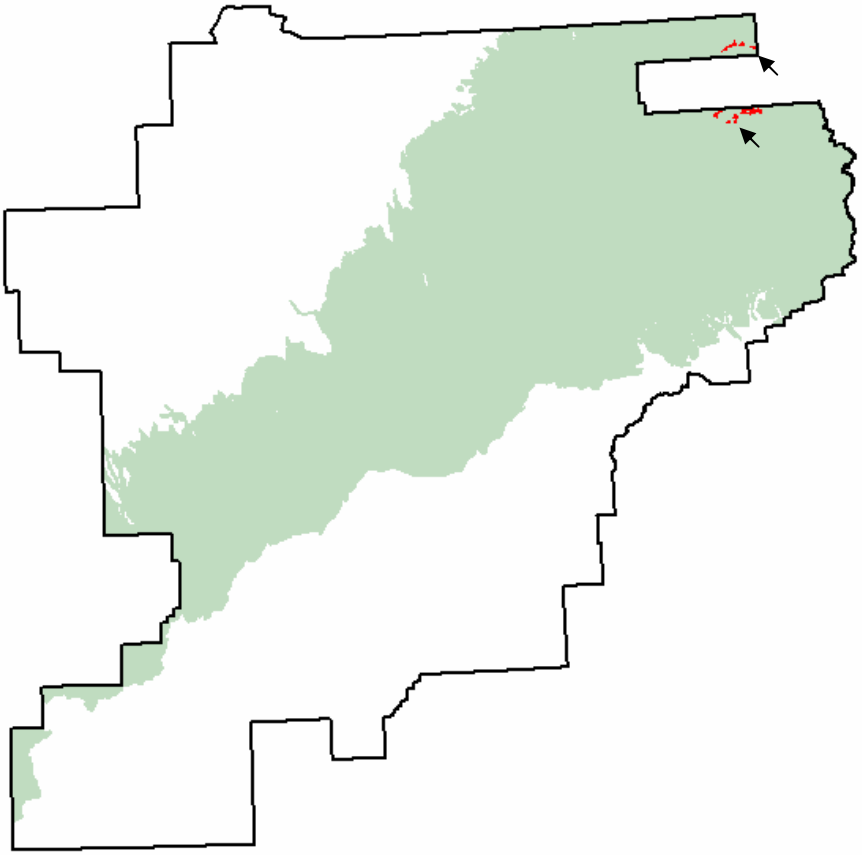
Distribution of map unit 10P1 (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).



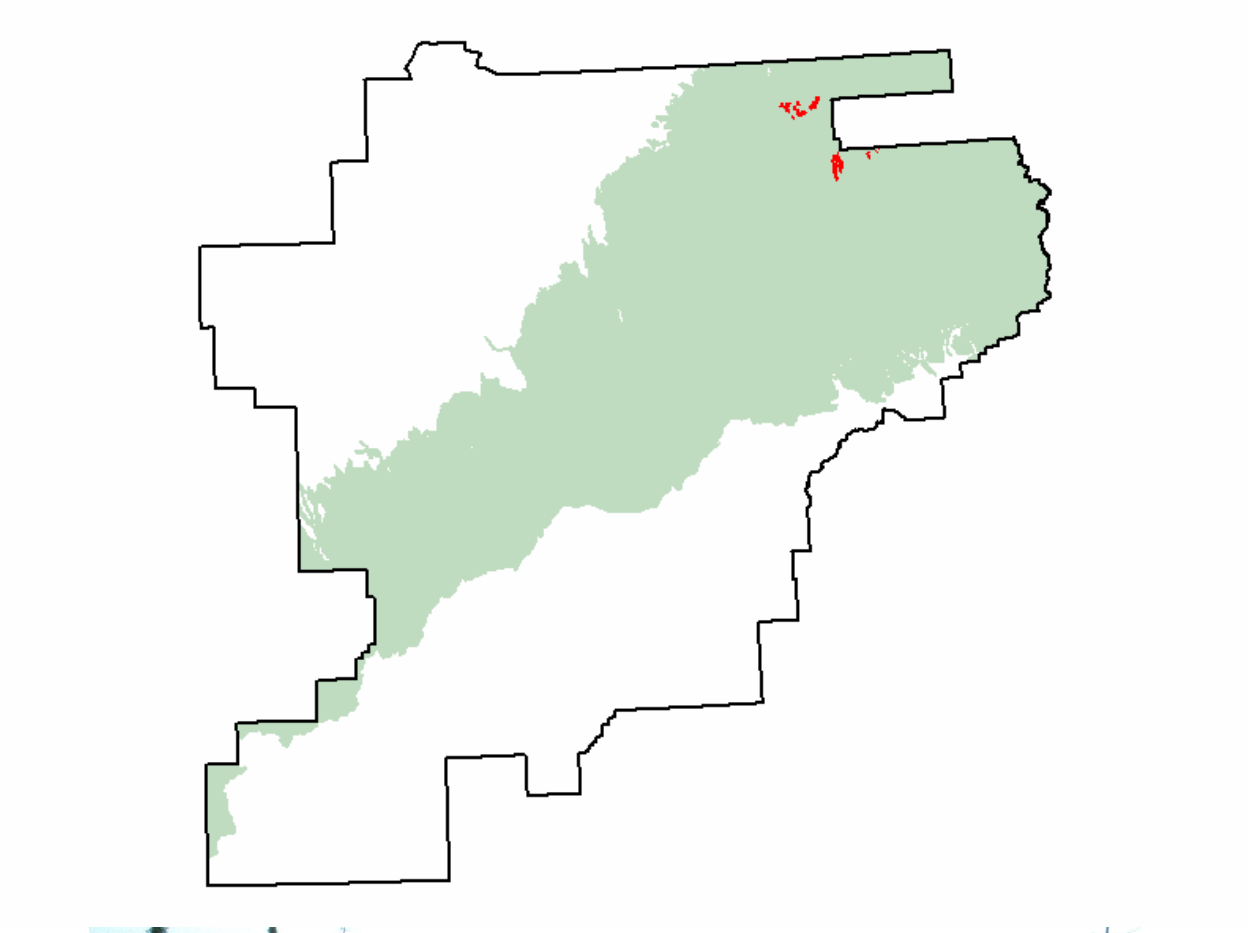
Distribution of map unit 10P3 (red) within the Alaska Mountains Section (gray) and typical landscape photo (background).



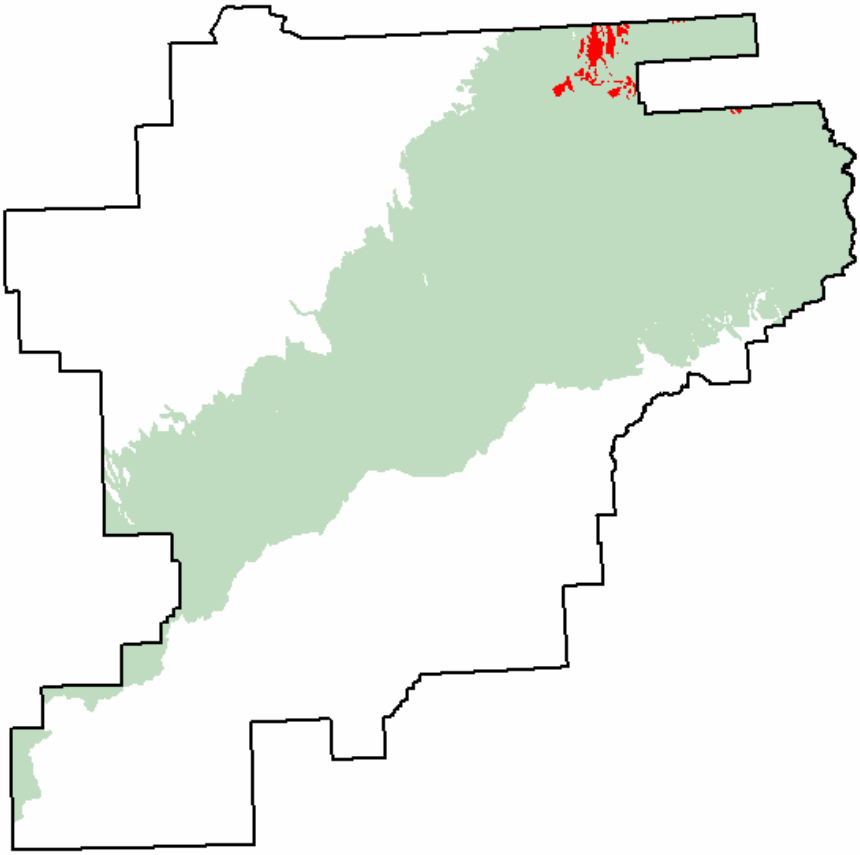
Distribution of map unit 10P4 (red) within the Alaska Mountains Section (gray) and typical landscape photo (lower delineation).



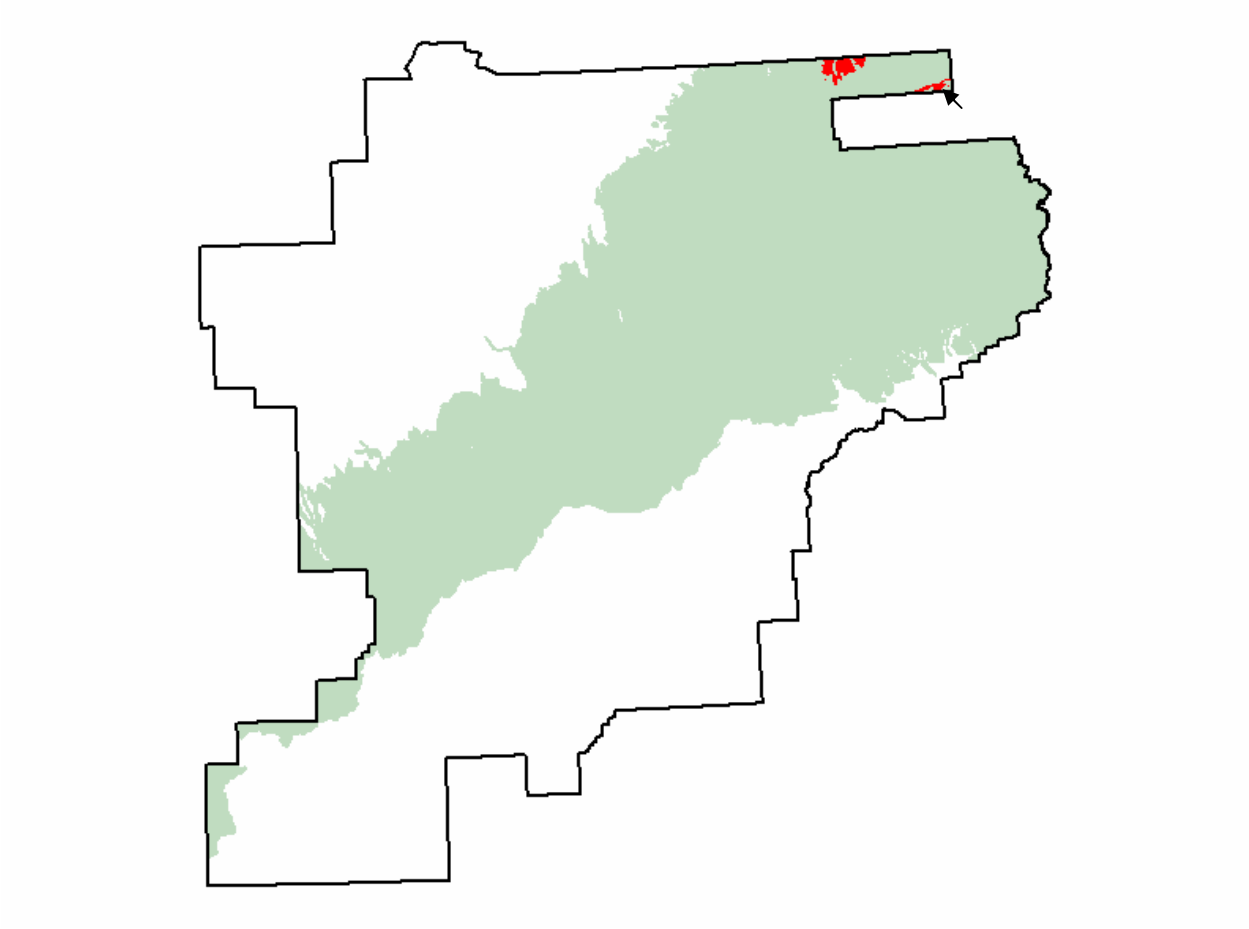
Distribution of map unit 10SU (red) within the Alaska Mountains Section (gray) and typical landscape photo.

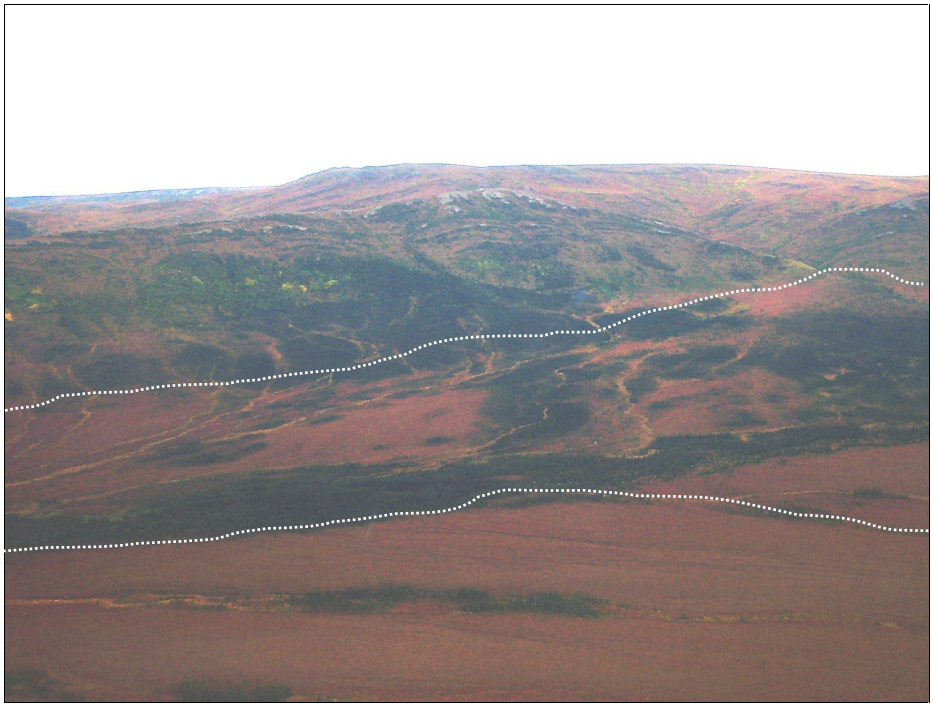


Distribution of map unit 10TS (red) within the Alaska Mountains Section (gray) and typical landscape photo (upper delineation).

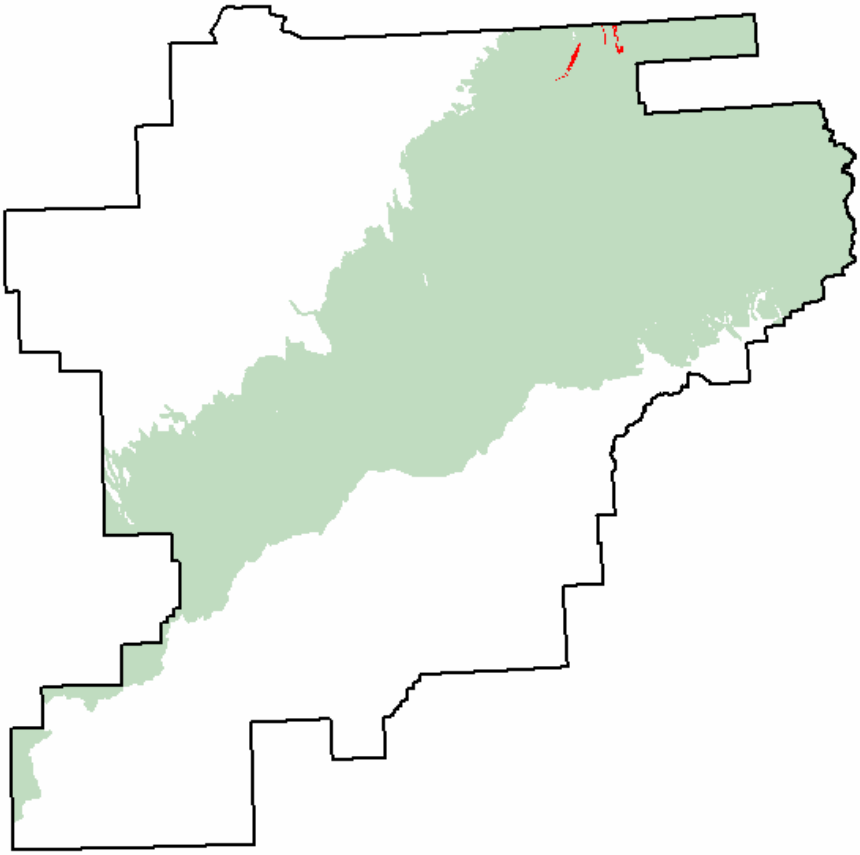


Distribution of map unit 10TS1 (red) within the Alaska Mountains Section (gray) and typical landscape photo (middle delineation).

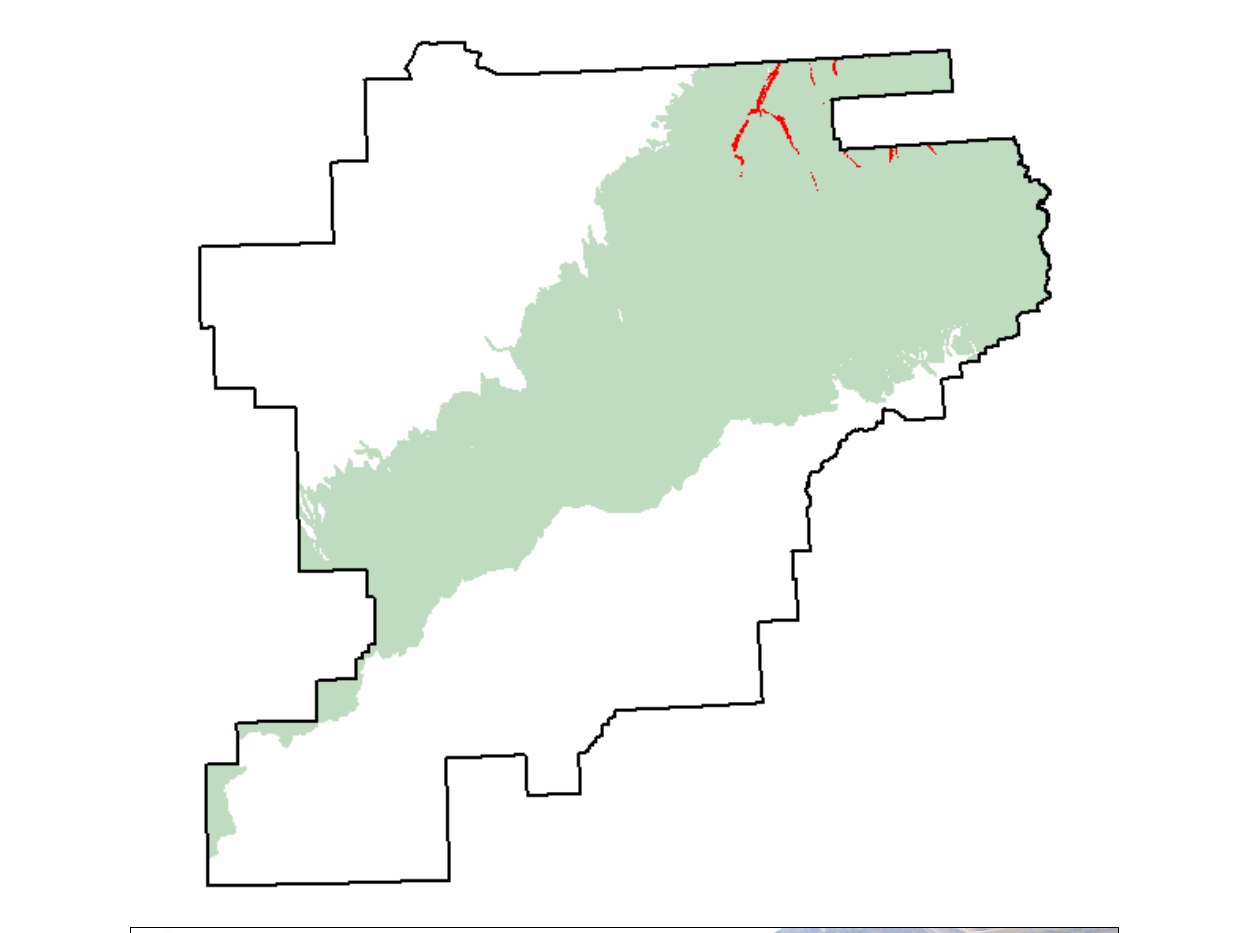




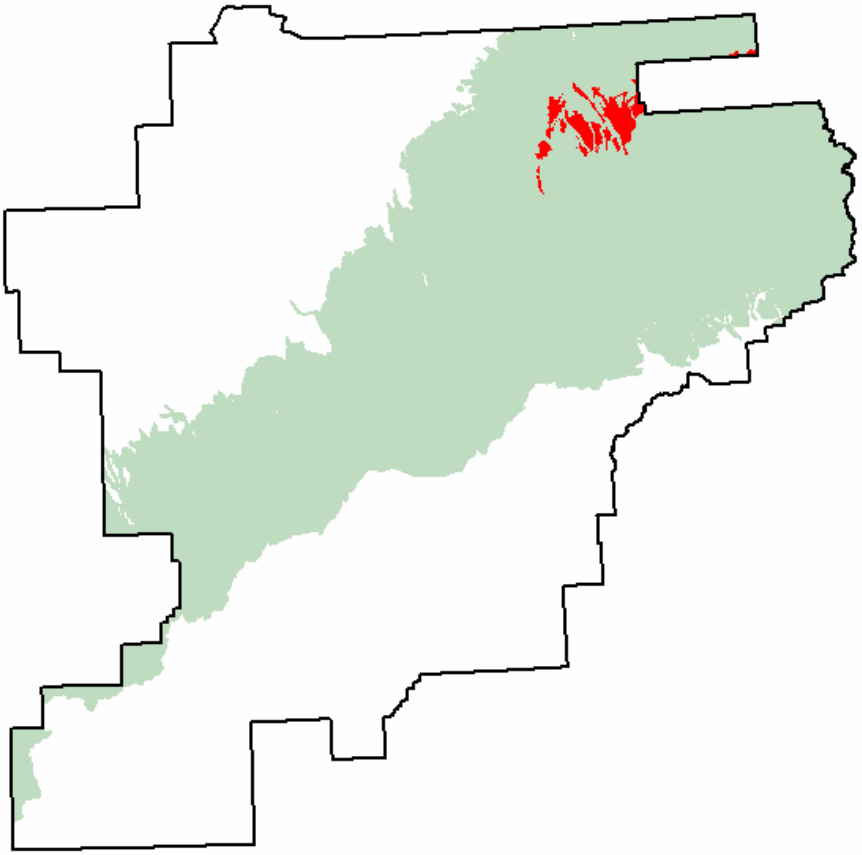
Distribution of map unit 10V2 (red) within the Alaska Mountains Section (gray) and typical landscape photo (middle delineation).

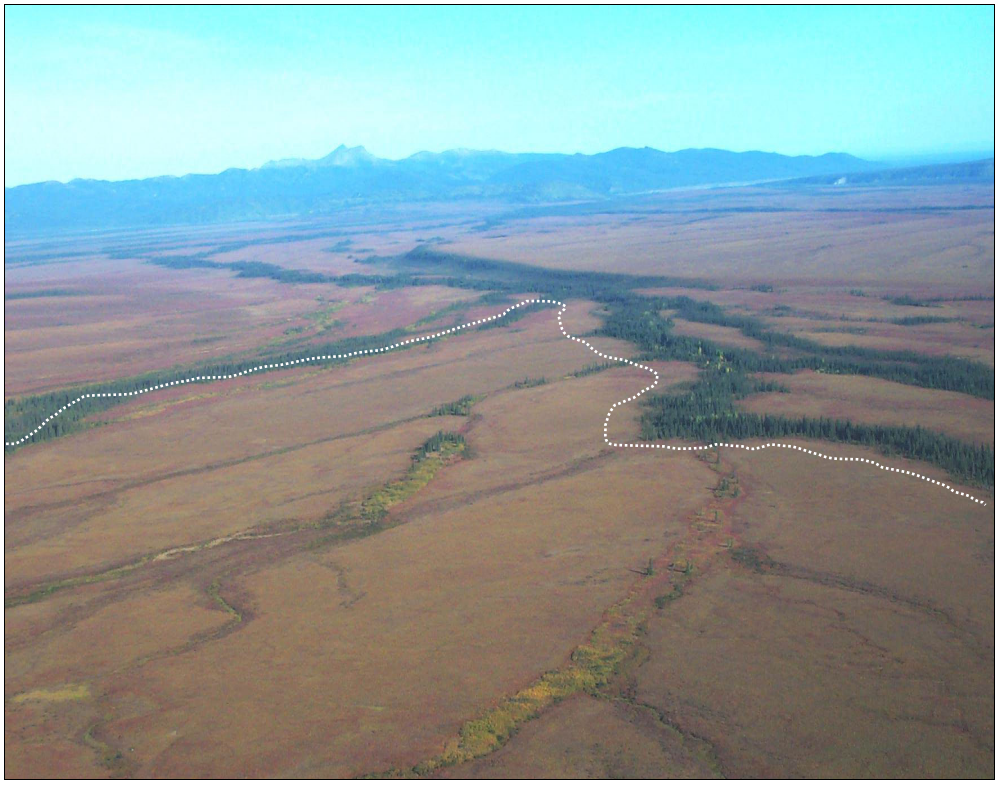


Distribution of map unit 11FP (red) within the Alaska Mountains Section (gray) and typical landscape photo (lower right delineation).

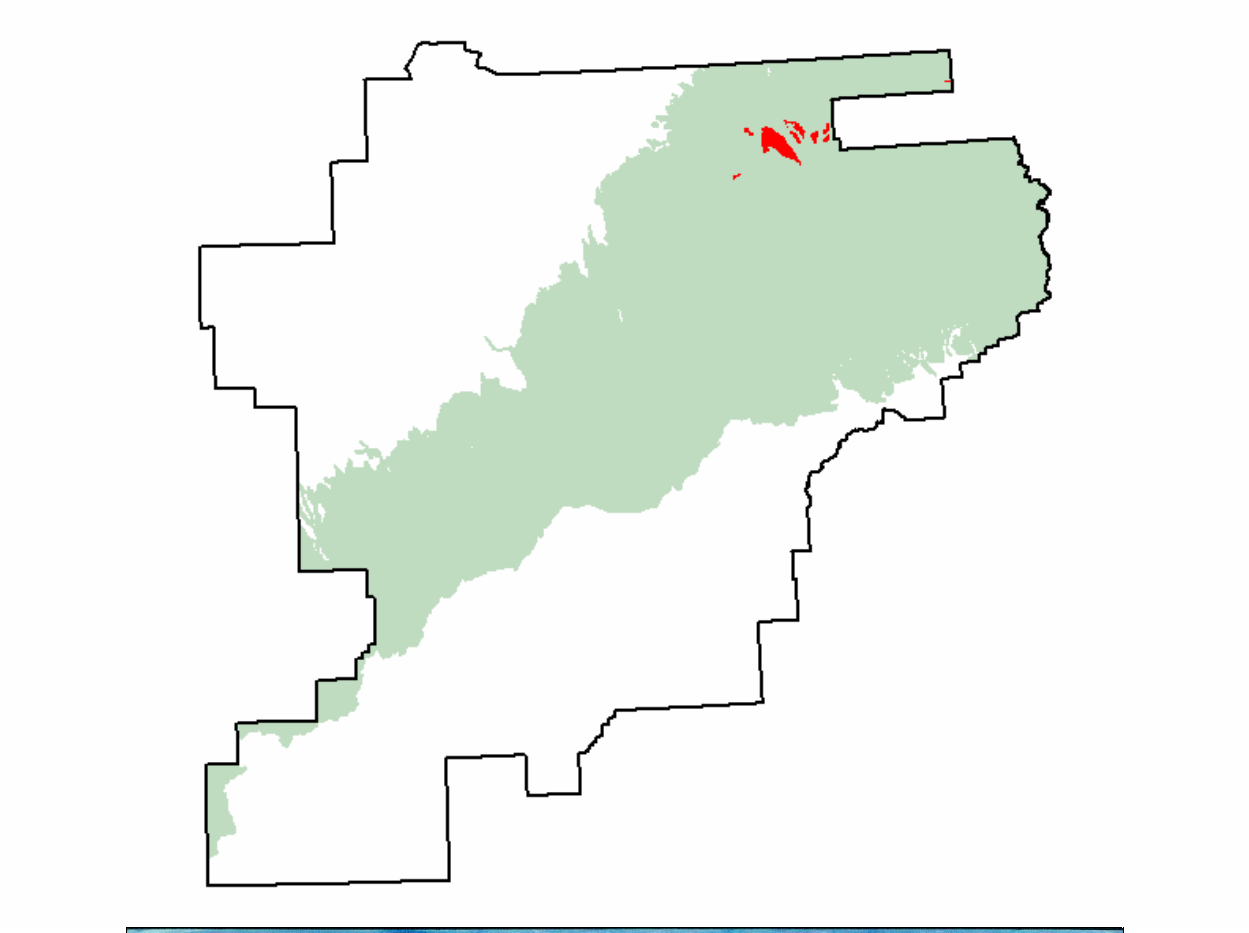


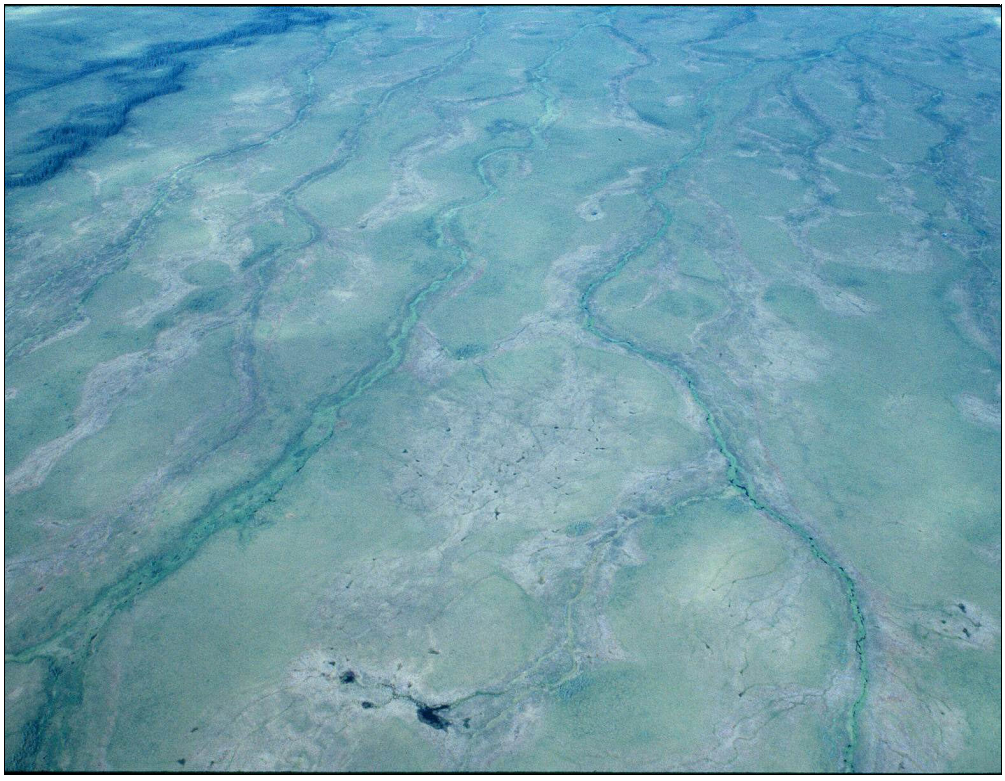
Distribution of map unit 11P (red) within the Alaska Mountains Section (gray) and typical landscape photo (lower delineation).



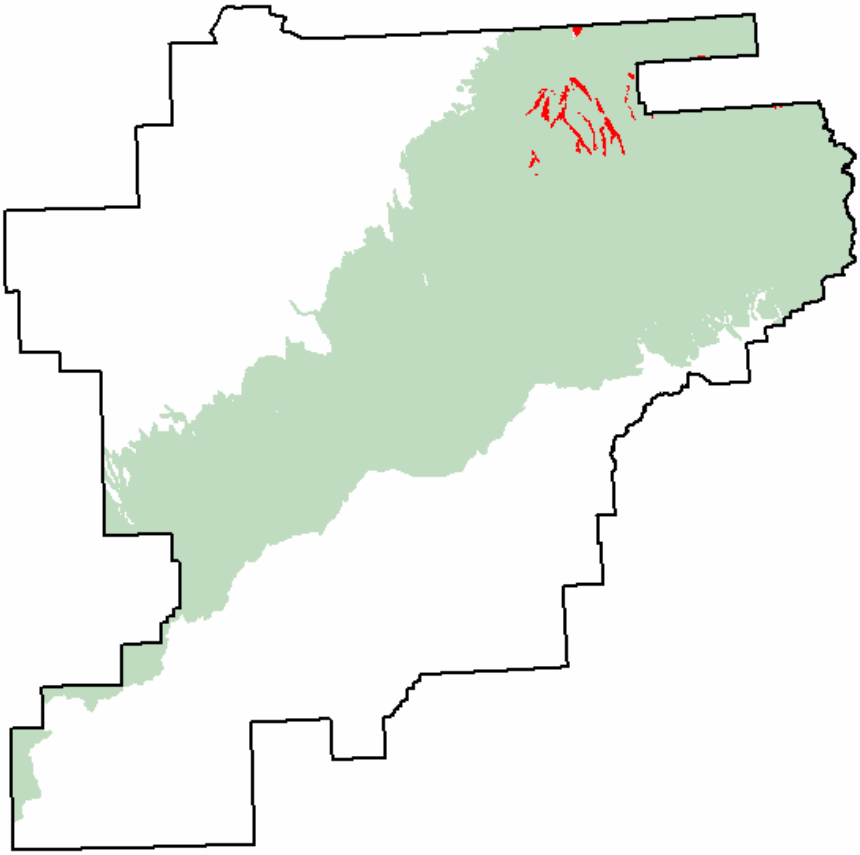


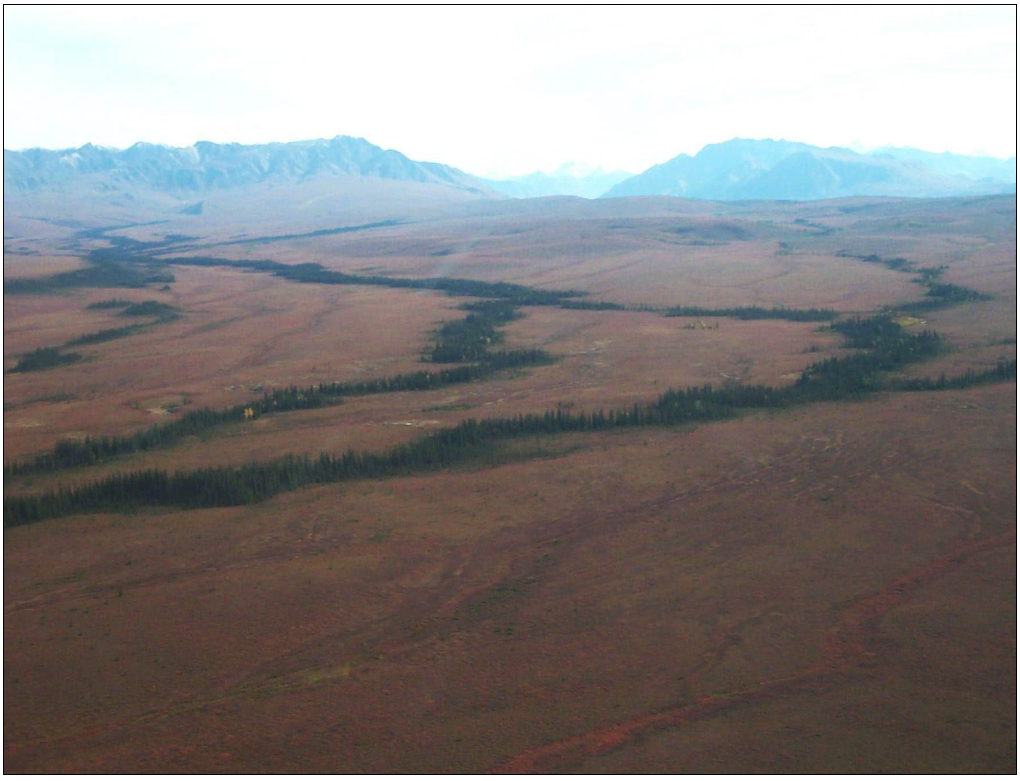
Distribution of map unit 11P1 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



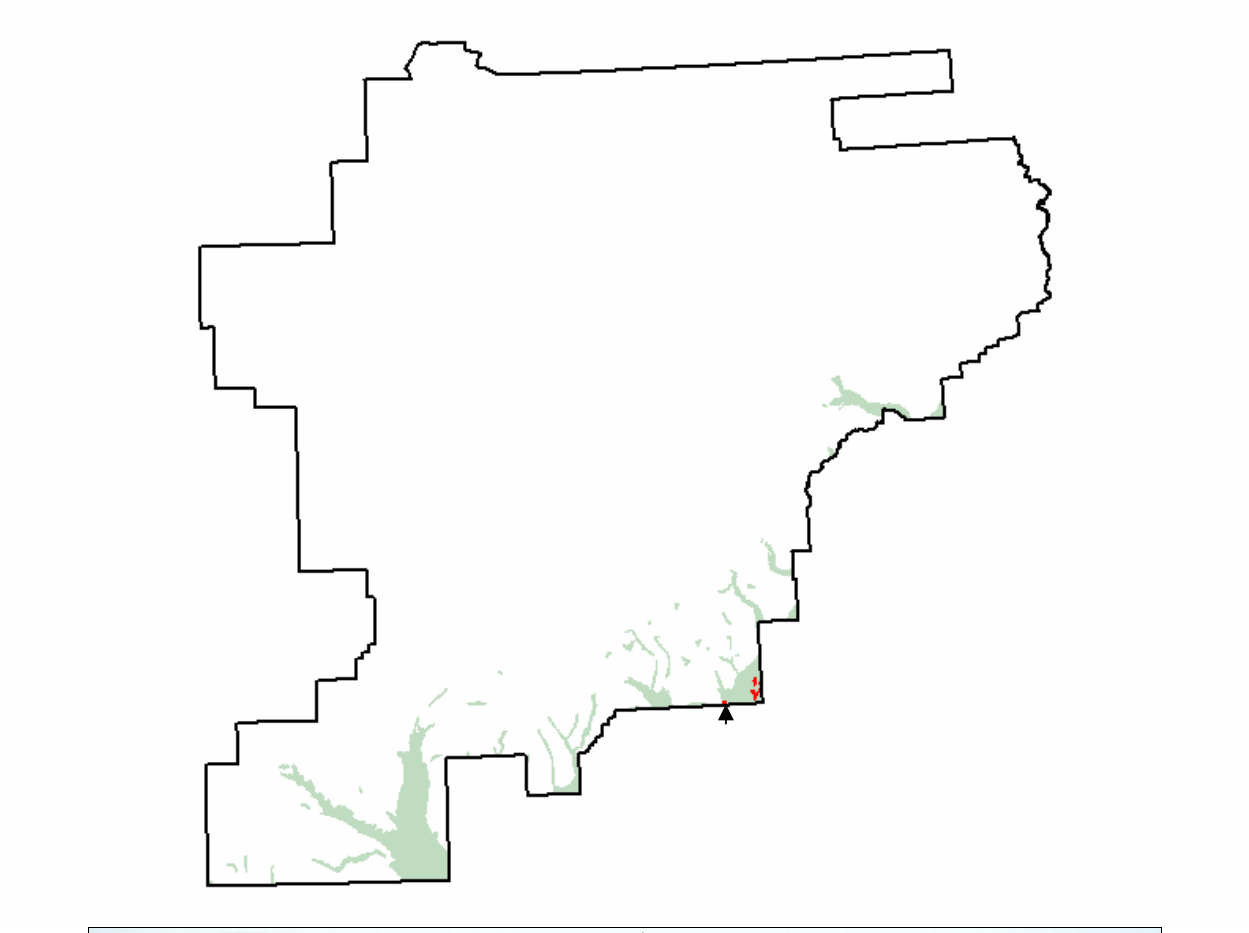


Distribution of map unit 11ST (red) within the Alaska Mountains Section (gray) and typical landscape photo (dark sinuous features in mid-ground).

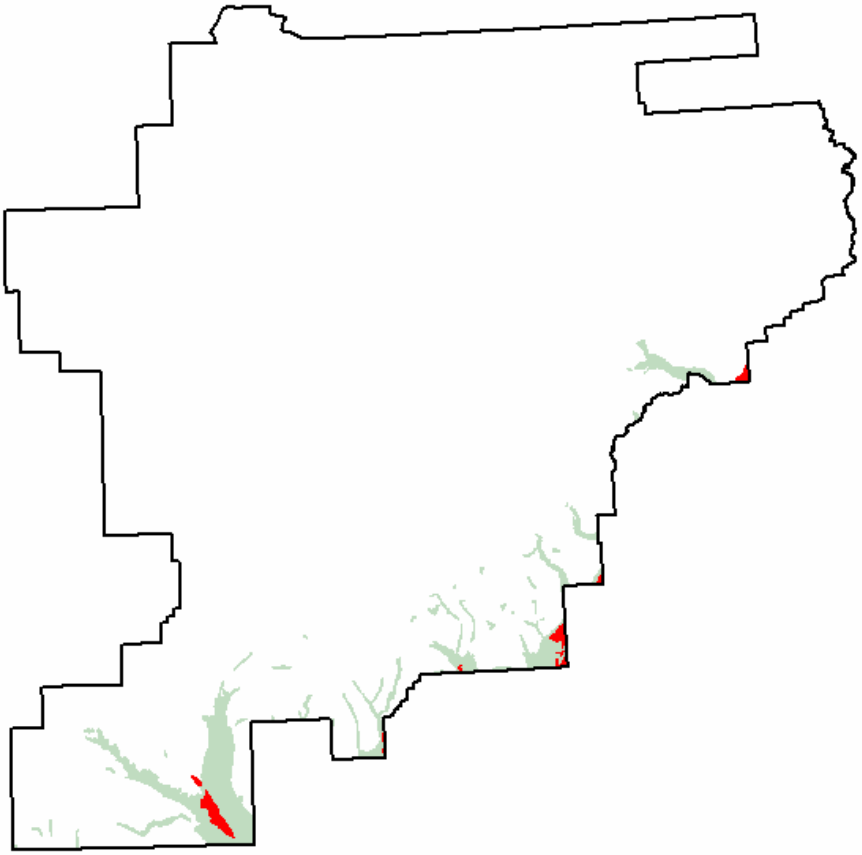




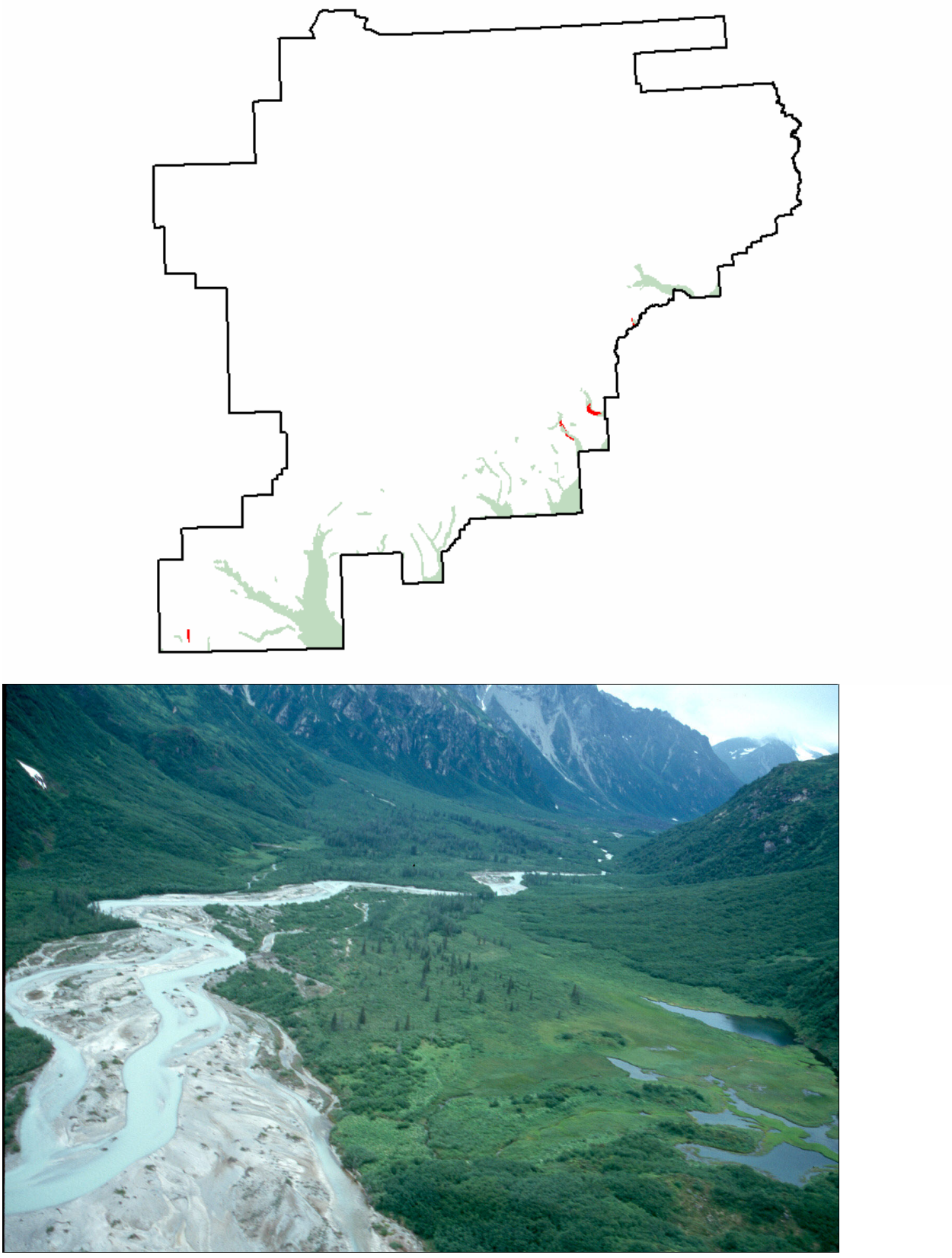
Distribution of map unit 12B (red) within the Alaska Mountains Section (gray) and typical landscape photo (foreground).



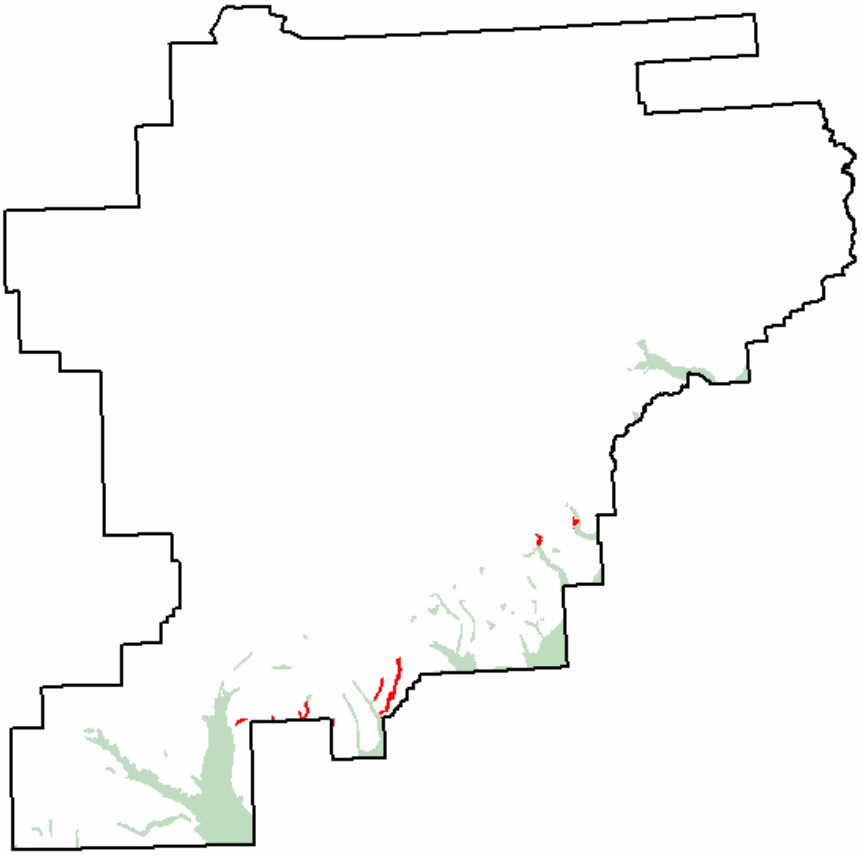
Distribution of map unit 12HS2 (red) within the Alaska Mountains Section (gray) and typical landscape photo (upper delineation).



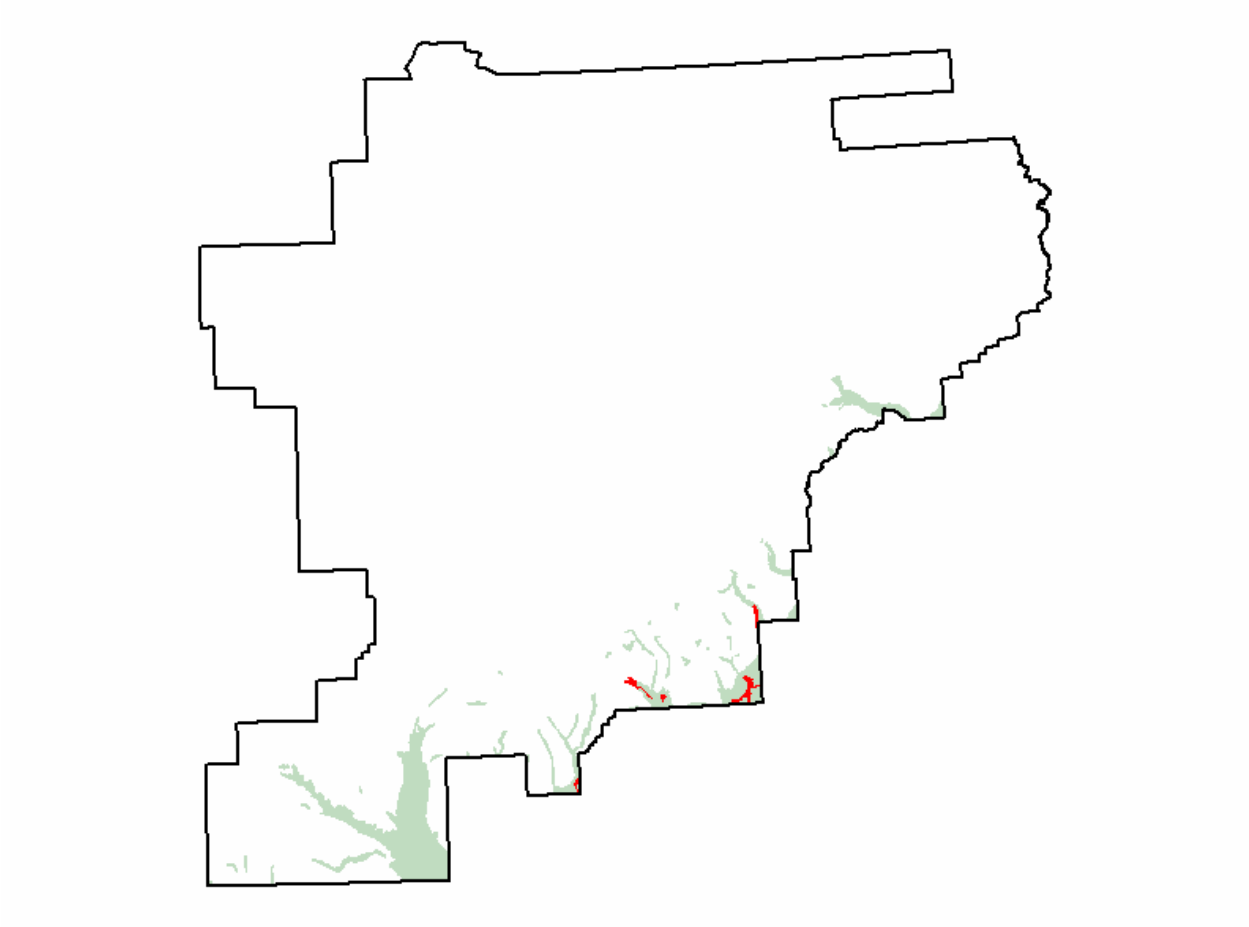
Distribution of map unit 13F21 (red) within the Alaska Mountains Section (gray) and typical landscape photo (middle background).



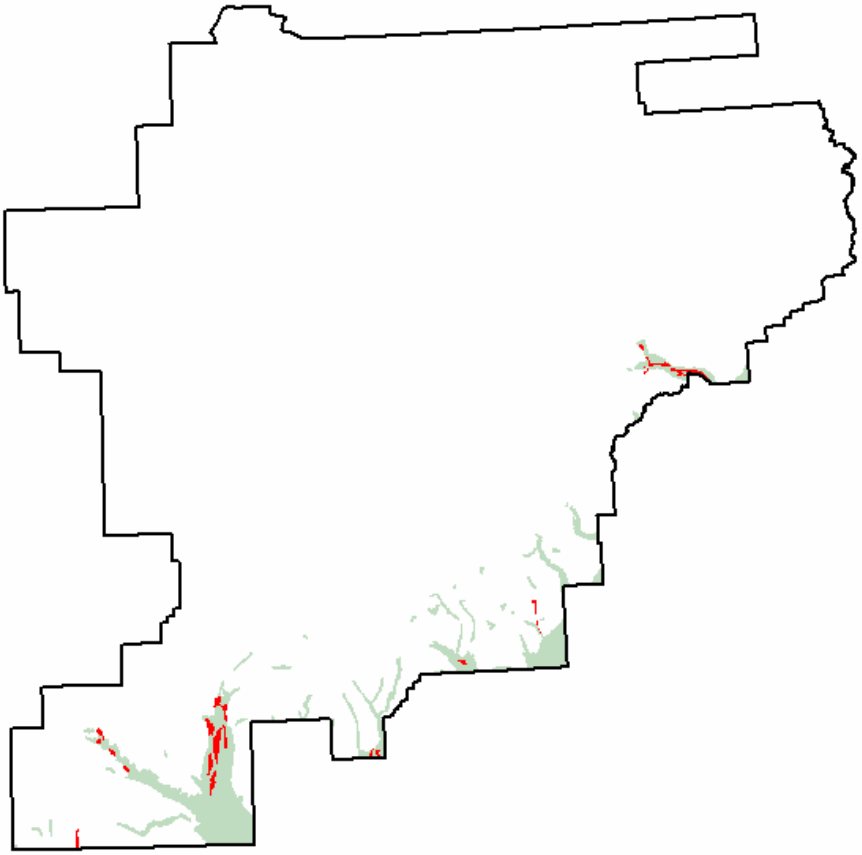
Distribution of map unit 13F22 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



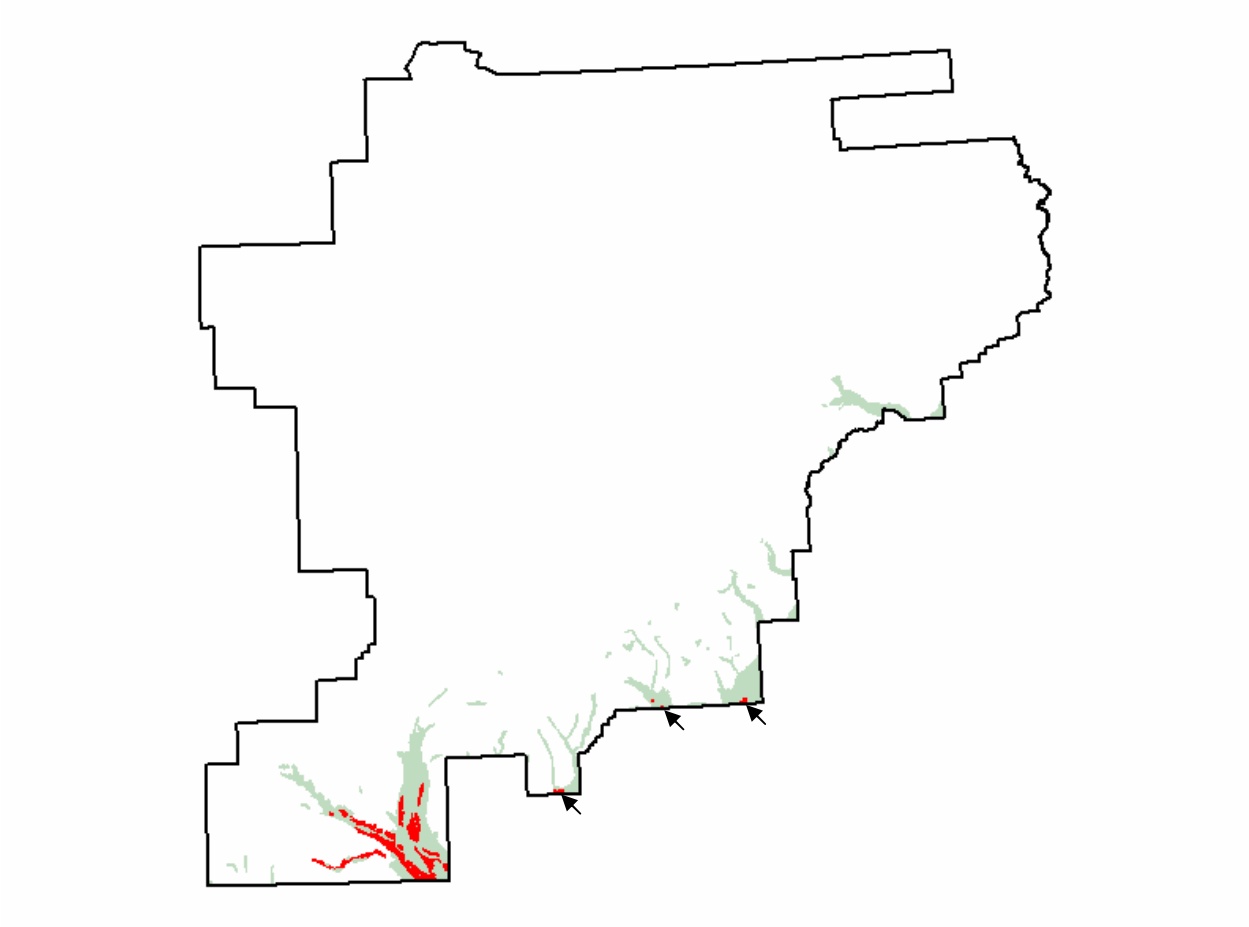
Distribution of map unit 13FP (red) within the Alaska Mountains Section (gray) and typical landscape photo.



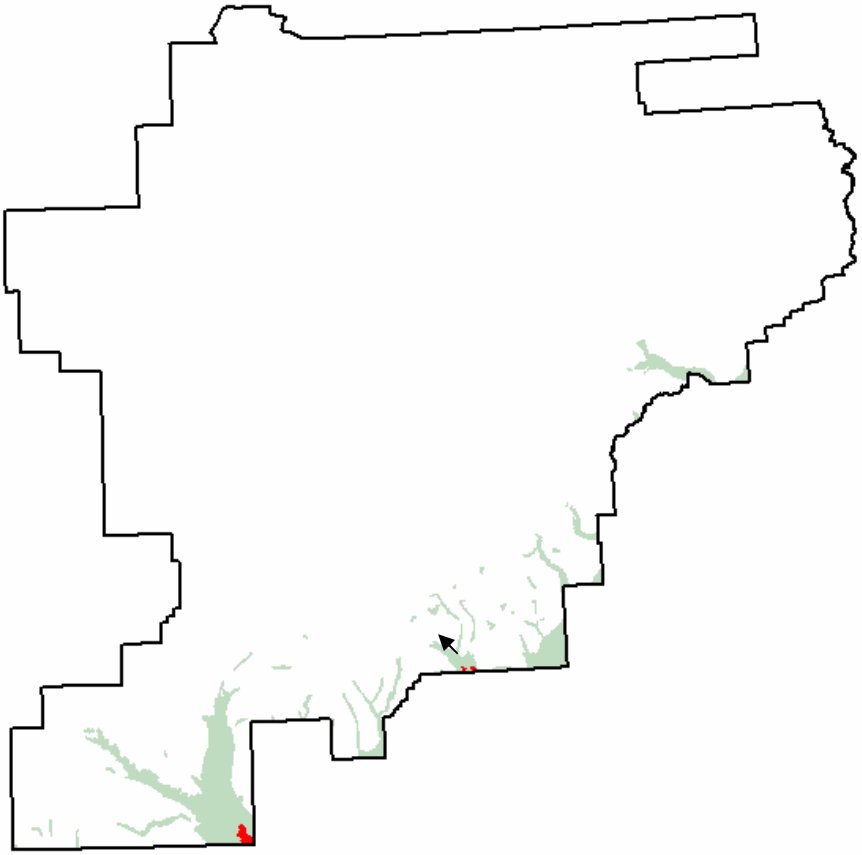
Distribution of map unit 13FP2 (red) within the Alaska Mountains Section (gray) and typical landscape photo.

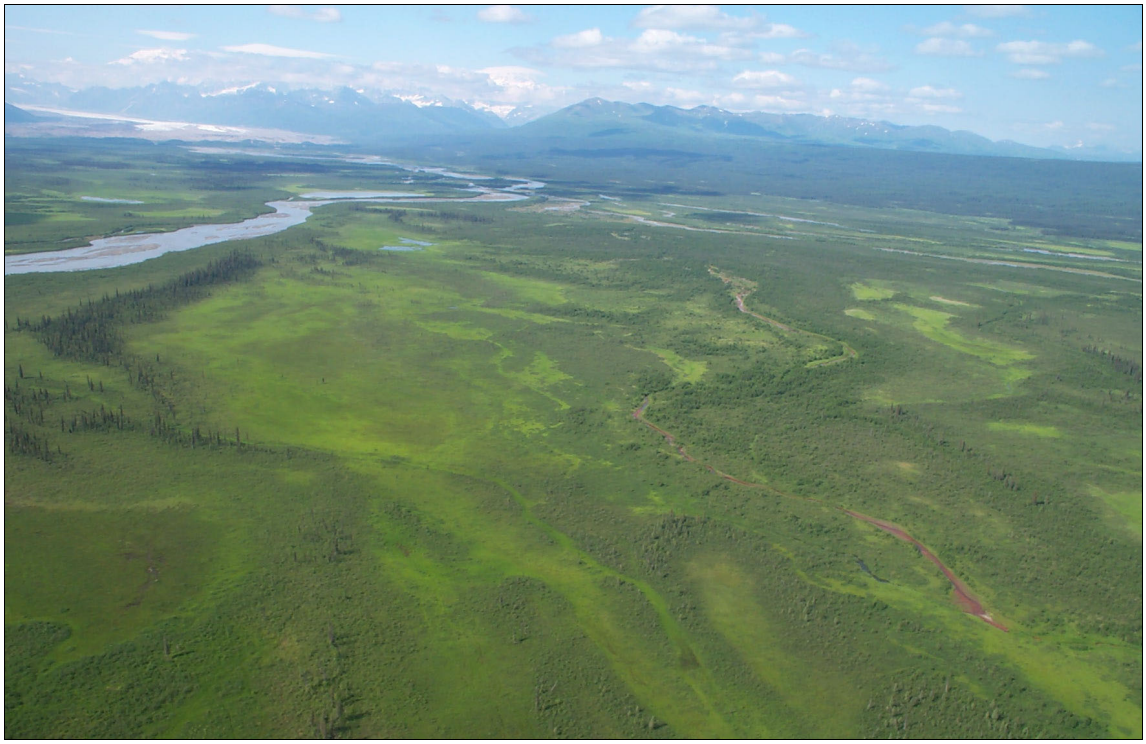


Distribution of map unit 13FPW (red) within the Alaska Mountains Section (gray) and typical landscape photo.

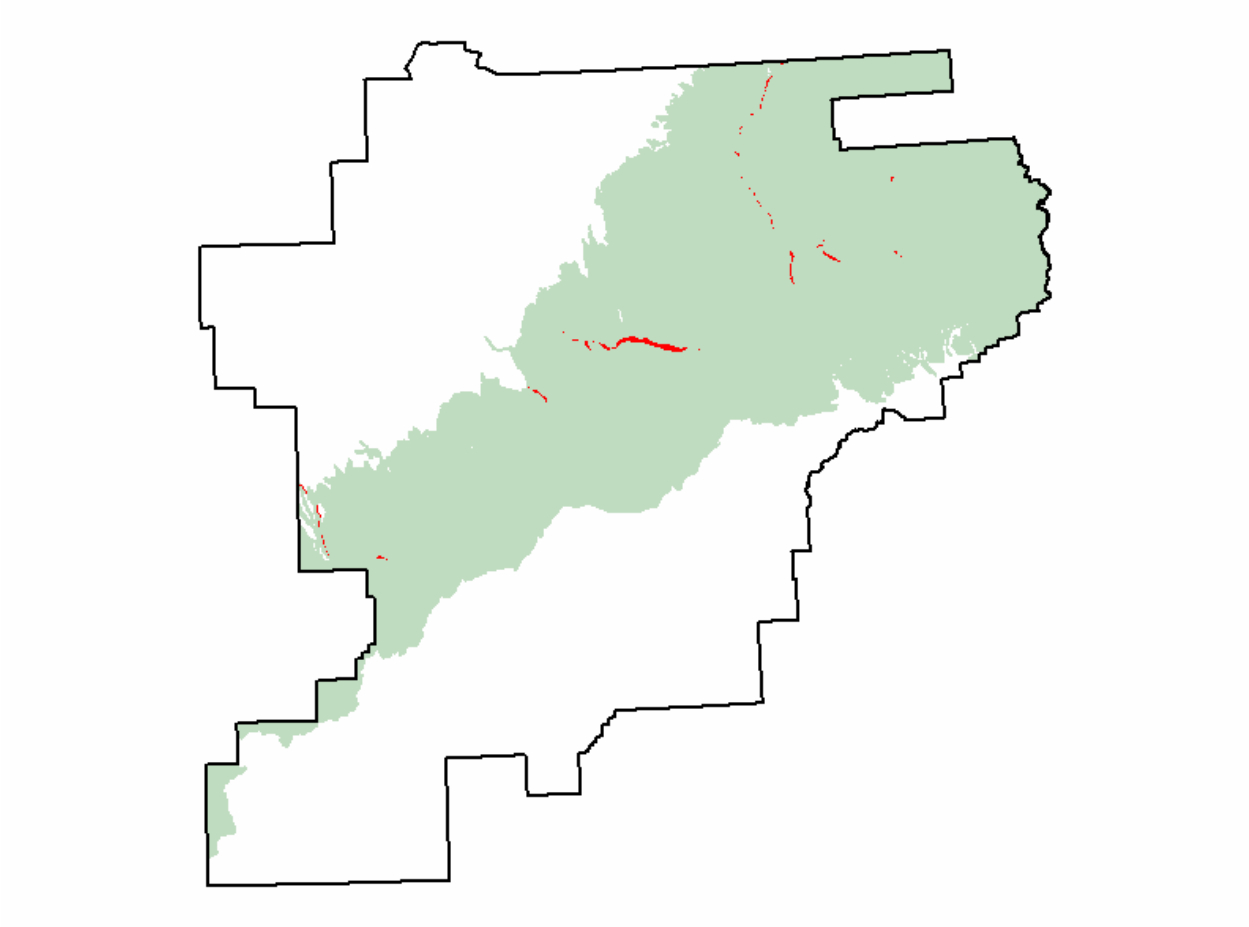


Distribution of map unit 13FWW (red) within the Alaska Mountains Section (gray) and typical landscape photo.

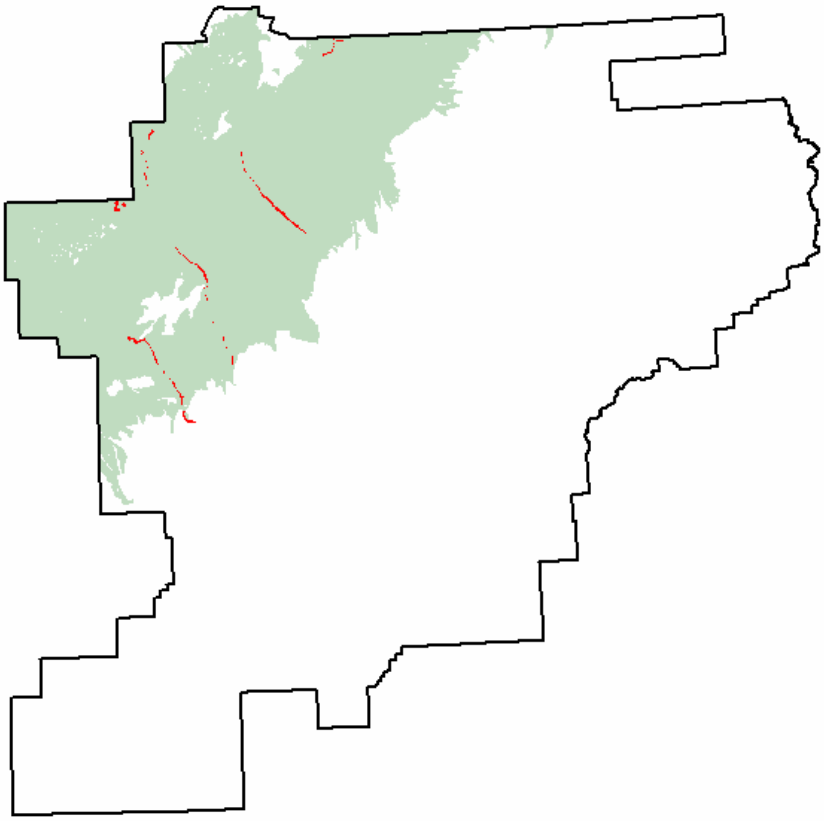




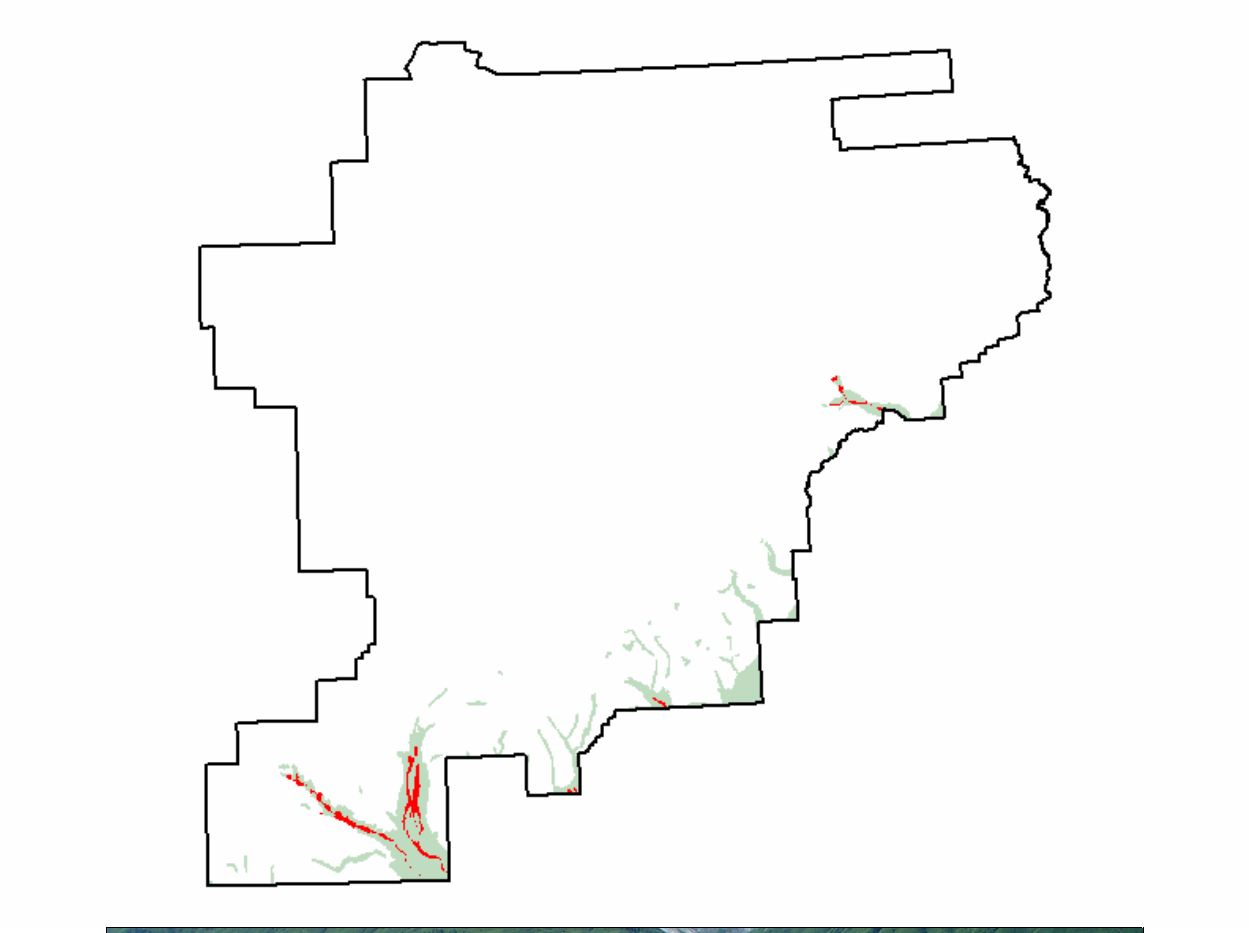
Distribution of map unit G (red) within the Alaska Mountains Section (gray) and typical landscape photo.



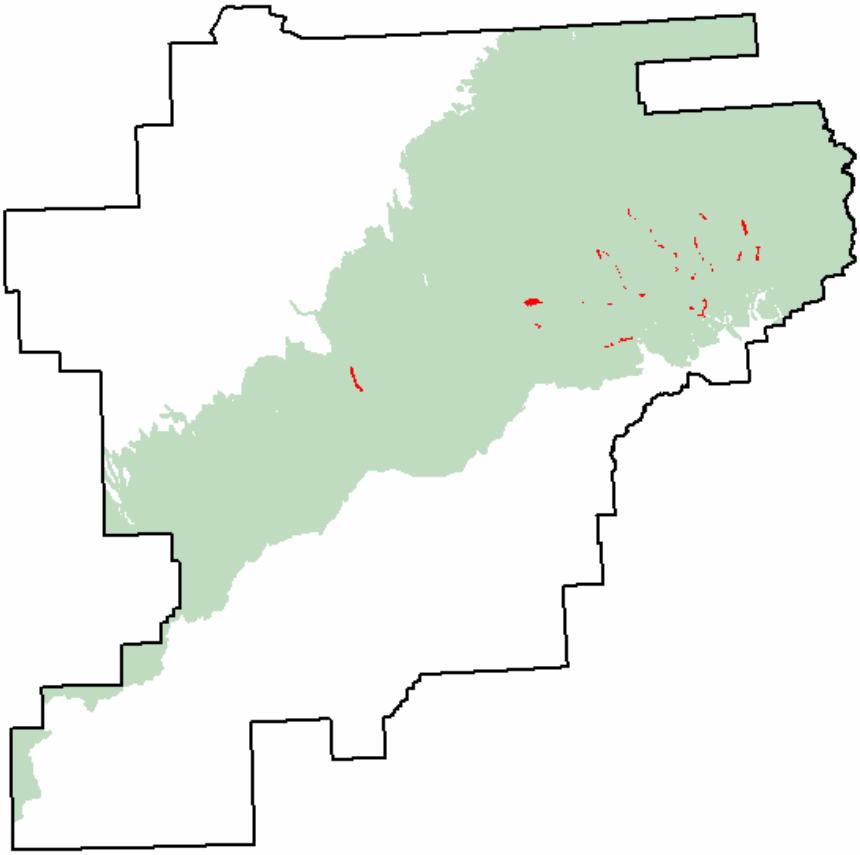
Distribution of map unit G1 (red) and typical landscape photo (barren areas along flood plains).

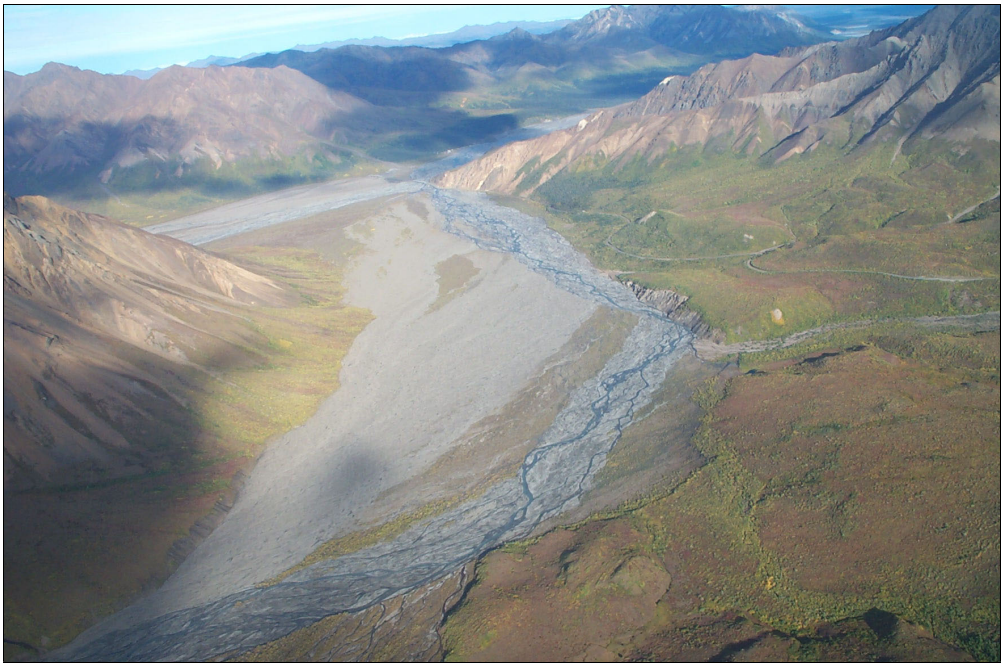


Distribution of map unit G2 (red) within the Alaska Mountains Section (gray) and typical landscape photo (barren areas along flood plain).

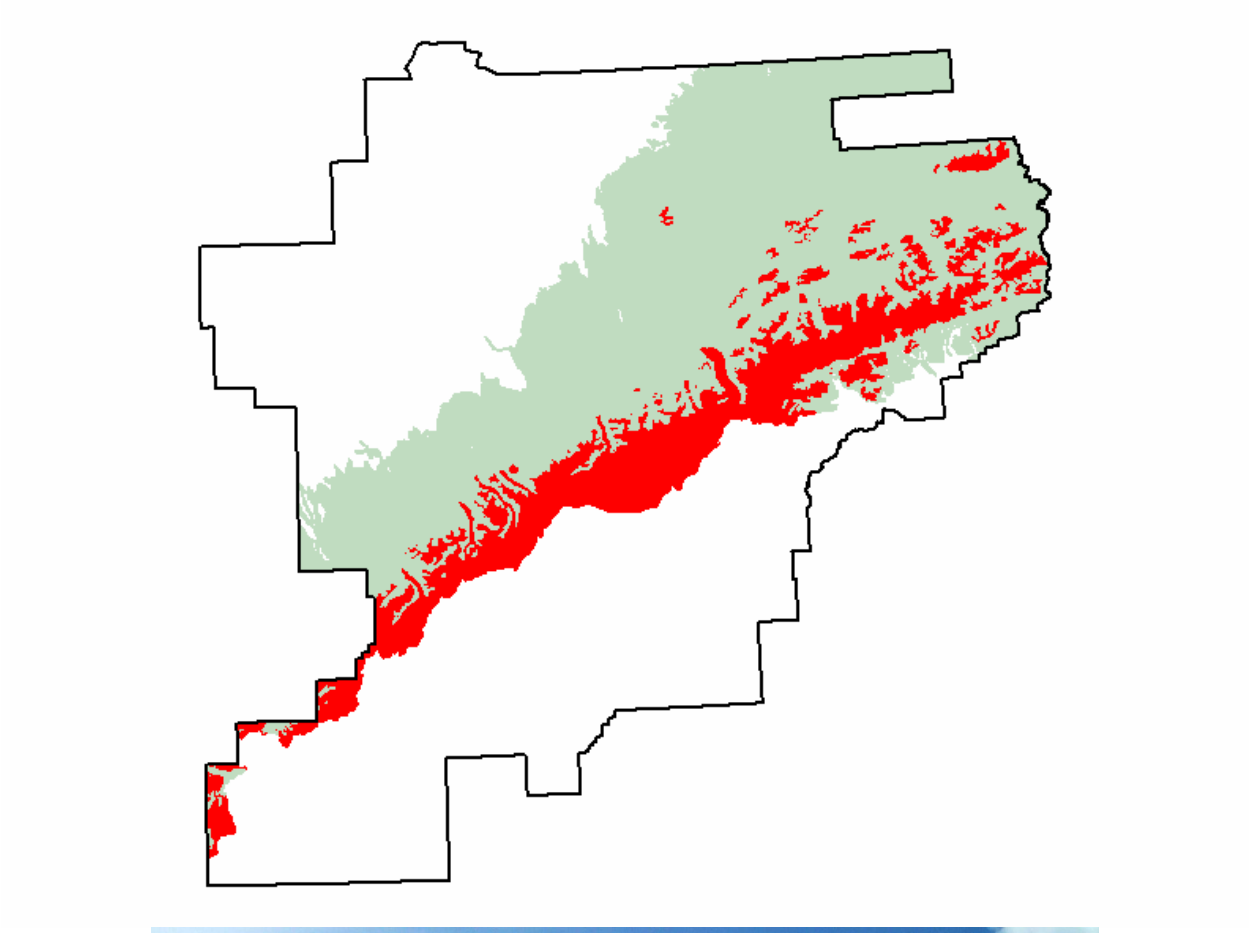


Distribution of map unit GA (red) within the Alaska Mountains Section (gray) and typical landscape photo (barren area along flood plain).

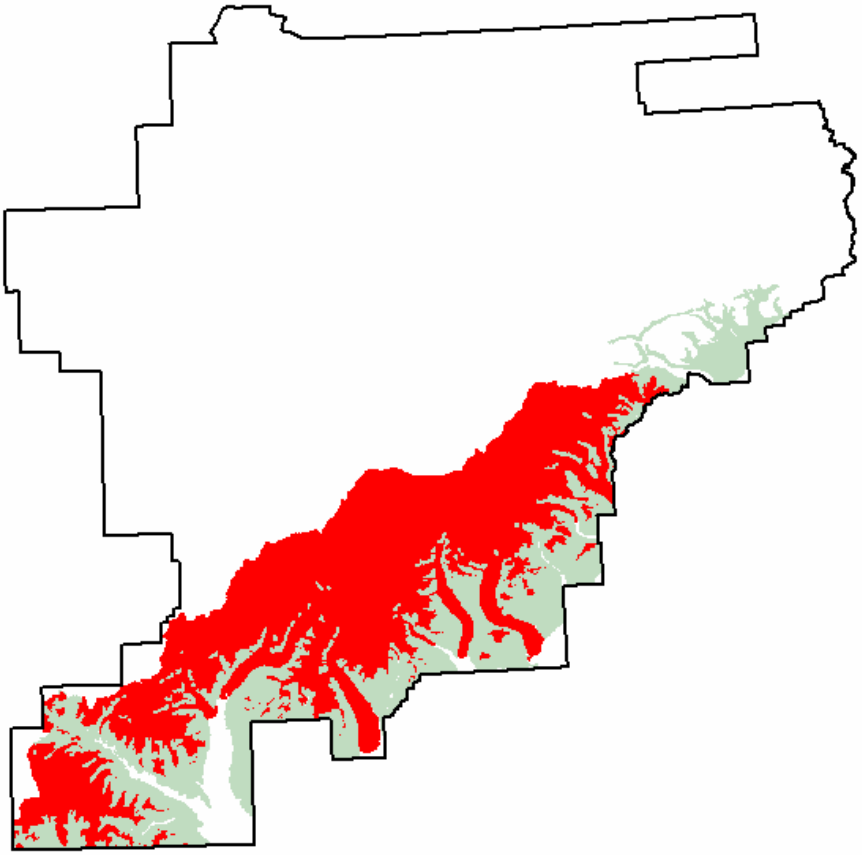




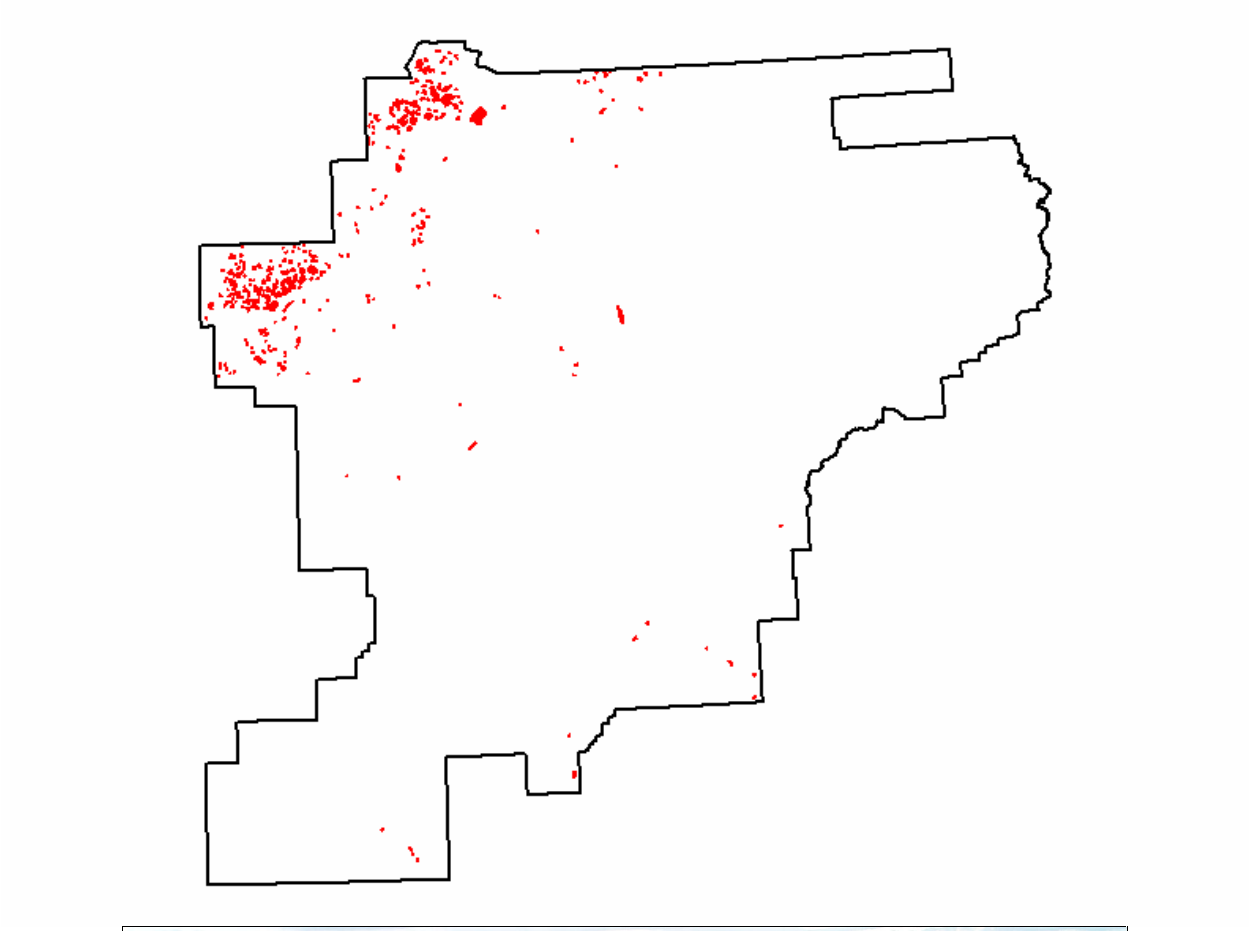
Distribution of map unit NV1 (red) within the Alaska Mountains Section (gray) and typical landscape photo.



Distribution of map unit NV2 (red) within the Alaska Mountains Section (gray) and typical landscape photo (mid-ground and background).

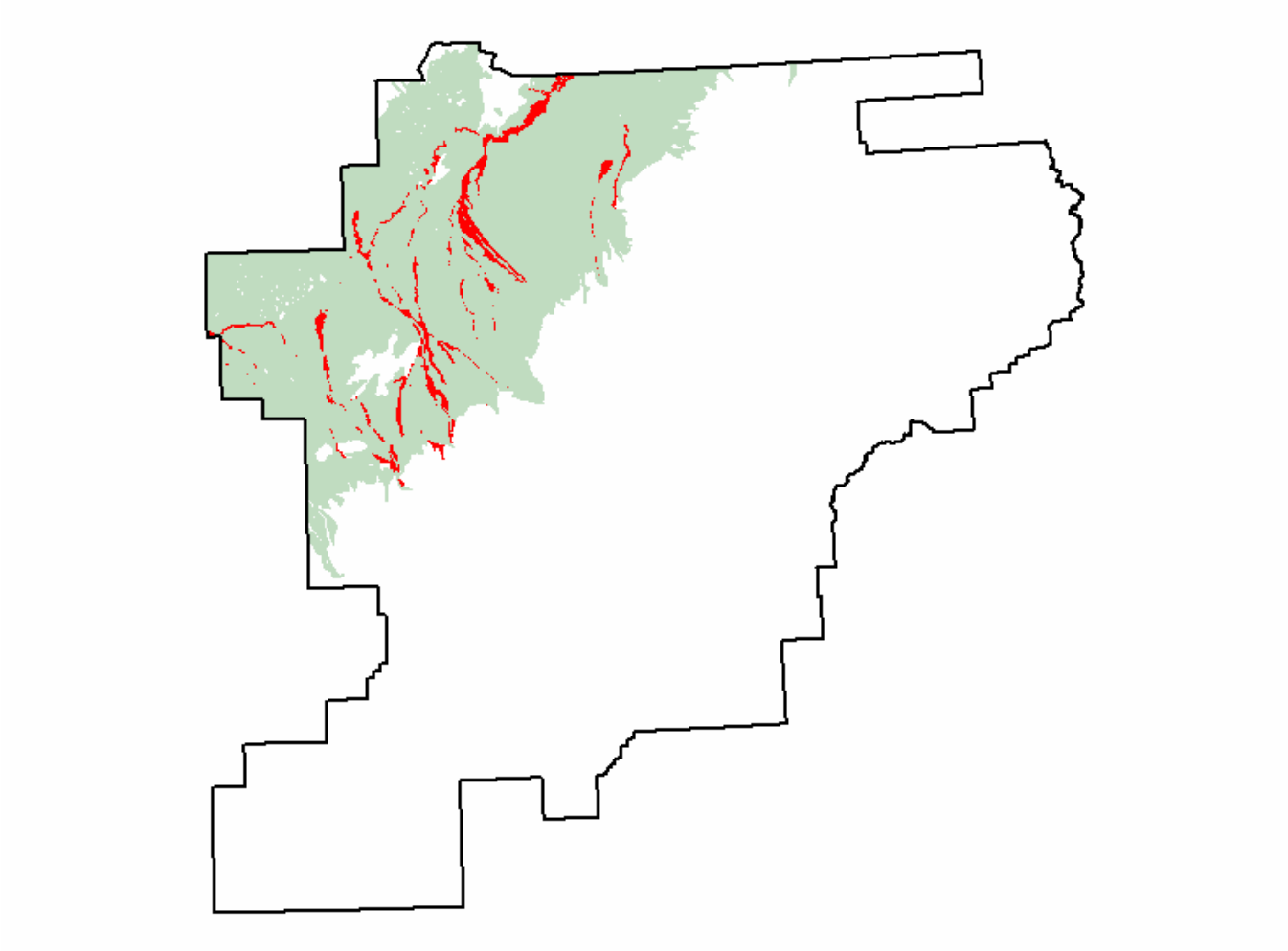


Distribution of map unit W (red) throughout Denali Park.



Landtype Distribution Maps and Photos

Landtype-Loamy Flood Plains (131B_100)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Loamy Flood Plains (131B_100)

Typical Landscape
Typical Map Unit: 2FP3-Boreal Flood Plains with Discontinuous Permafrost
Soil Component: Boreal riparian loamy flood plains, Kuskokwim Plains

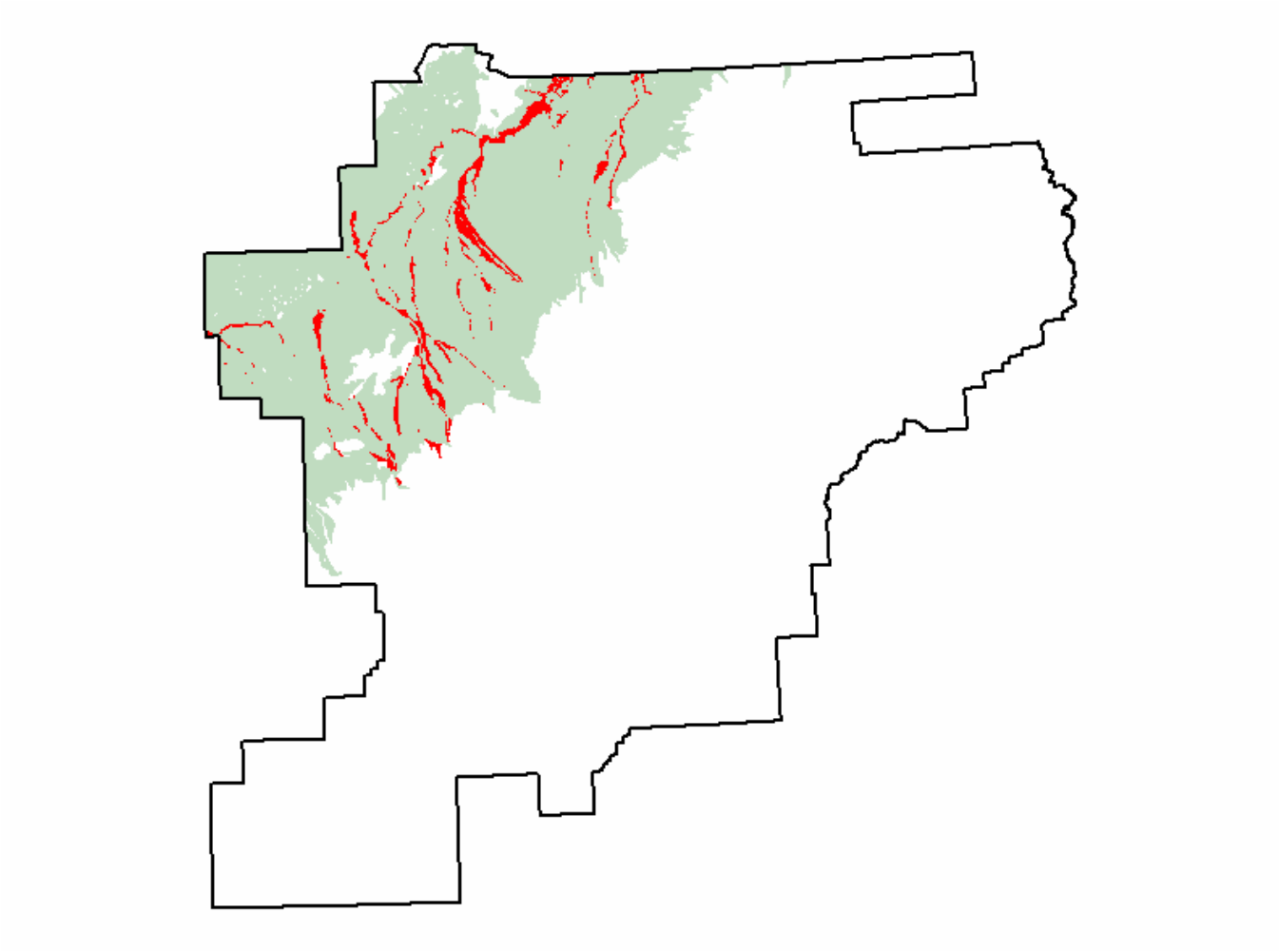
Climax Plant Community

Typical Soil Profile

Early stage of primary succession on flood plain

Mid-stage of primary succession on flood plains

Landtype-Loamy High Flood Plains (131B_101)
Distribution Maps and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Loamy High Flood Plains (131B_101)

Typical Landscape

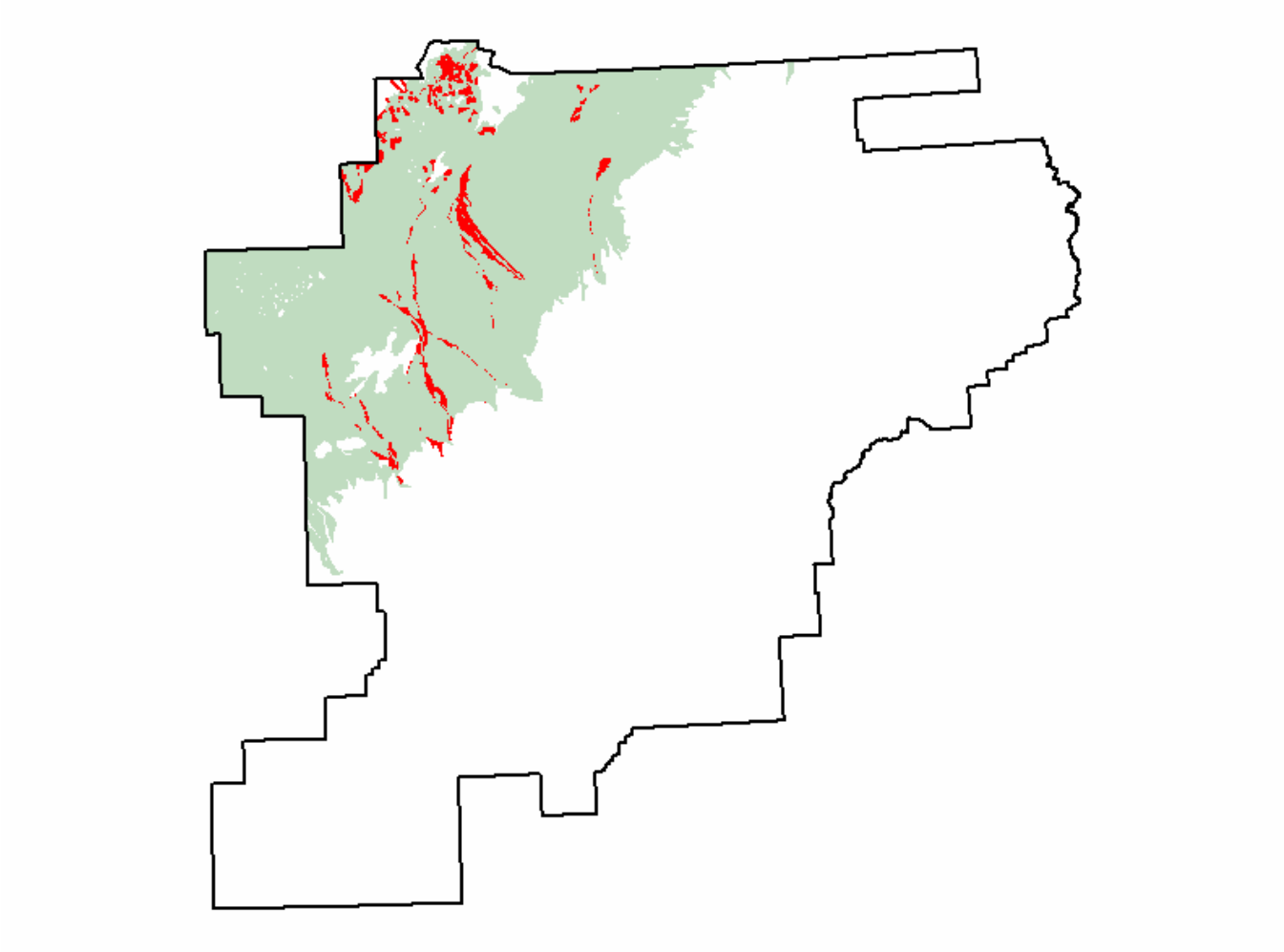
Typical Map Unit: 2FP3-Boreal Flood Plains with Discontinuous Permafrost
Soil Component: Boreal-riparian forested loamy flood plains, Kuskokwim Plain

Climax Plant Community

Typical Soil Profile

Late stage of primary succession on flood plains

Landtype-Loamy Frozen Flood Plains 131B_102
Distribution Maps and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Loamy Frozen Flood Plains 131B_102

Typical Landscape

Typical Map Unit: 1FP4-Boreal Flood Plains and Terraces with Discontinuous Permafrost, Wet

Soil Component: Boreal-riparian forested loamy flood plains, frozen

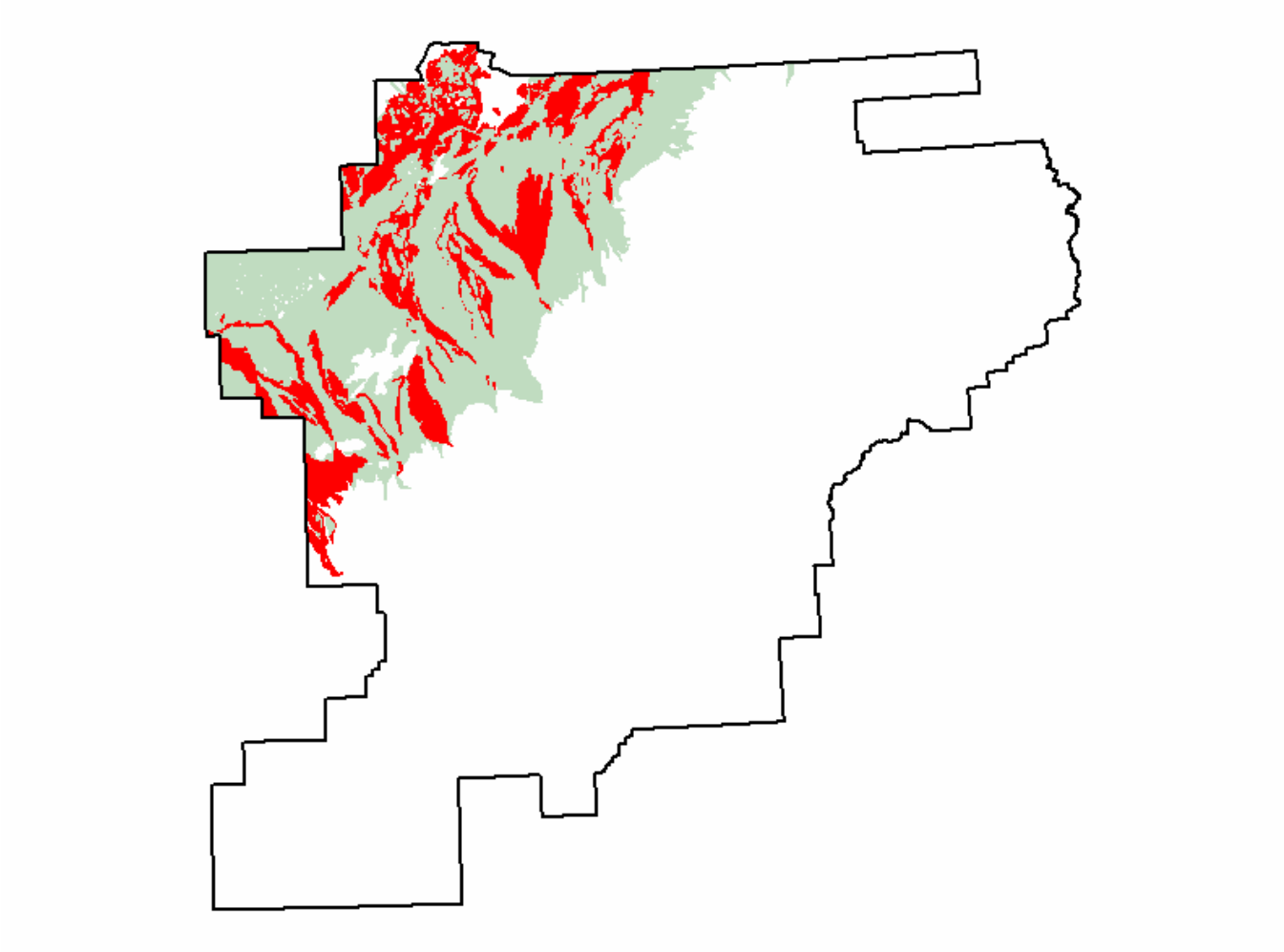
Climax plant community

Typical Soil Profile

Mid-stage of fire induced secondary succession

Late stage of primary succession on flood plains

Landtype-Loamy Frozen Terraces (131B_104)
Distribution Maps and Photos

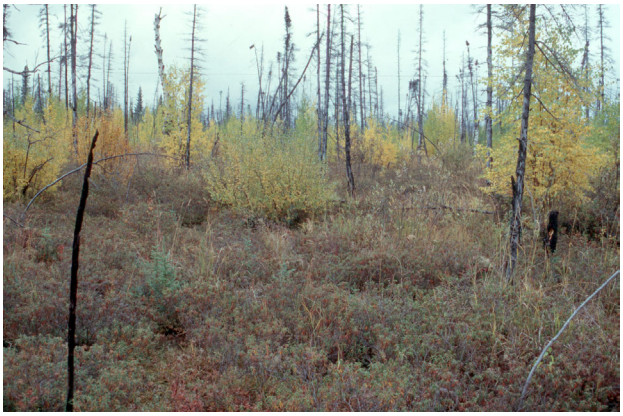


Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Loamy Frozen Terraces (131B_104)

Typical Landscape
Typical Map Unit: 2ST-Boreal Terraces with Discontinuous Permafrost
Soil Component: Boreal-taiga loamy terraces, frozen

Early stage of fire induced secondary succession

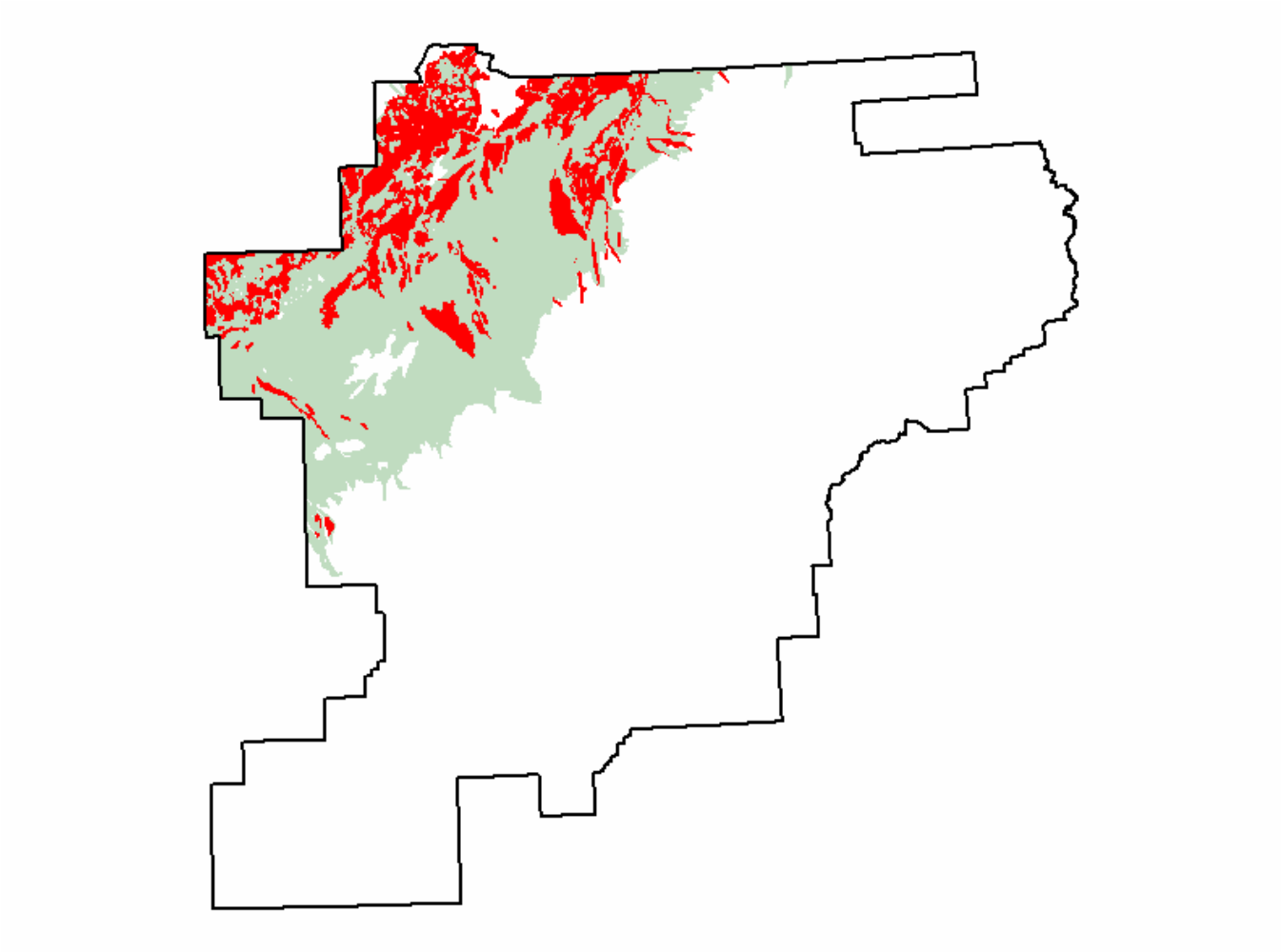


Mid-stage of fire induced secondary succession

Climax Plant Community

Typical Soil Profile

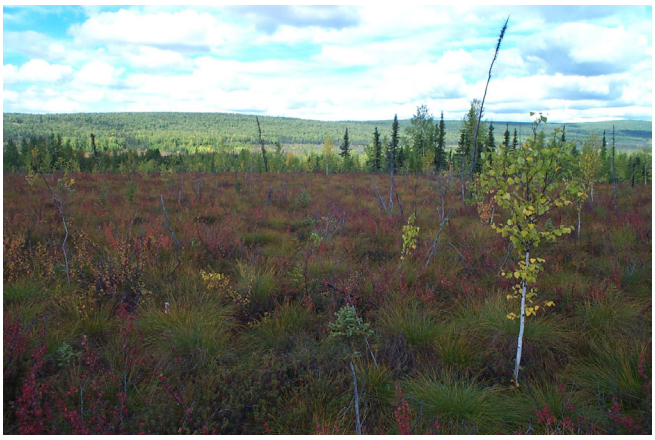
Landtype-Loamy Frozen Terraces, Wet (131B_105)
Distribution Maps and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

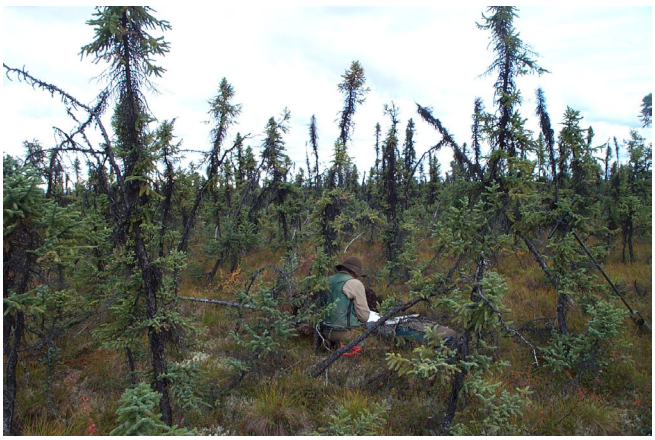
Landtype-Loamy Frozen Terraces, Wet (131B_105)

Typical Landscape
Typical Map Unit: 2FG-Boreal Terraces with Continuous Permafrost, Very Wet
Soil Component: Boreal-taiga/tussock silty terraces, frozen



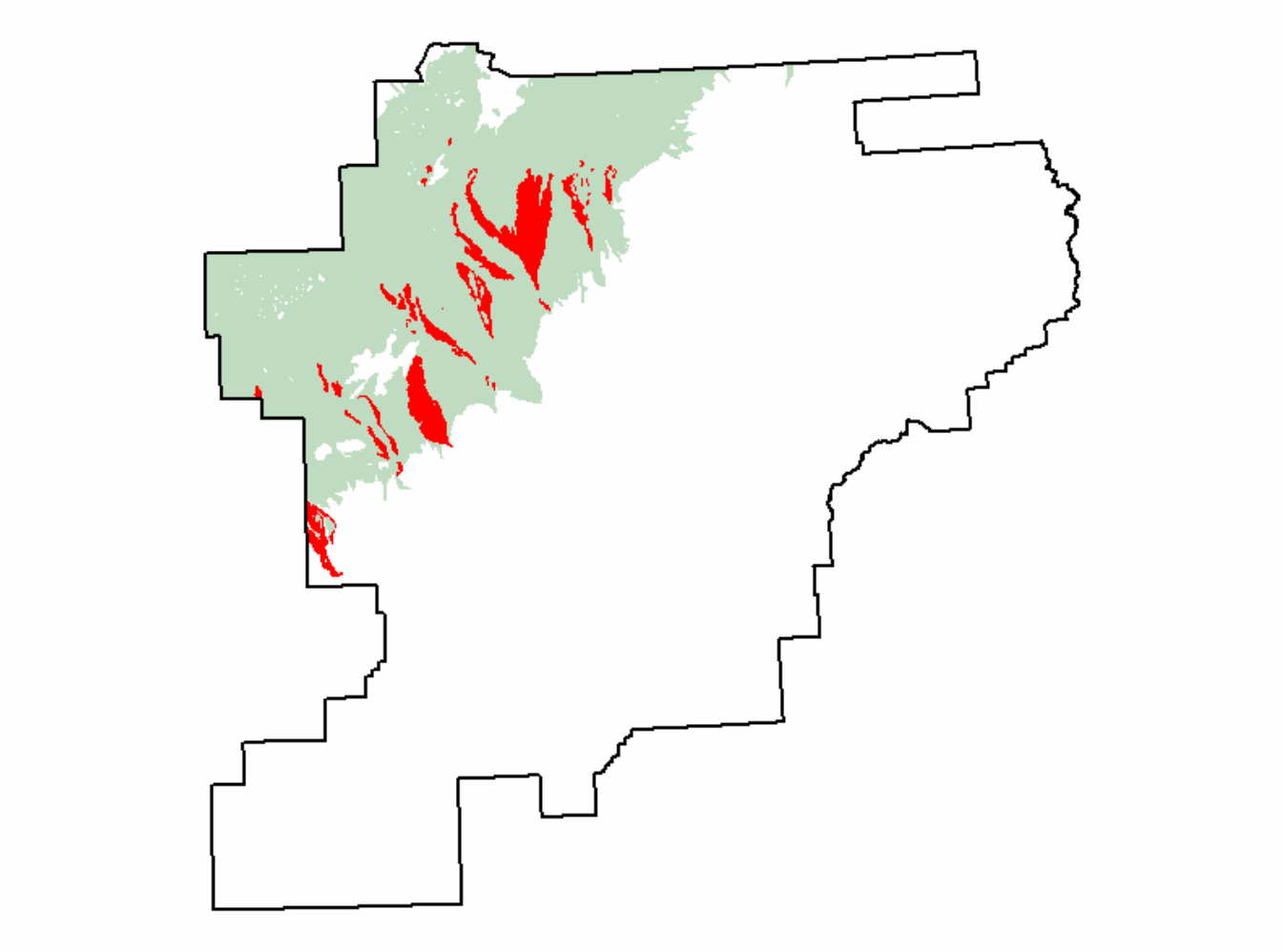
Mid-stage of fire induced Secondary succession

Typical Soil Profile



Climax Plant Community

Landtype-Gravelly and Sandy Terraces (131B_108)
Distribution Maps and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Gravelly and Sandy Terraces (131B_108)

Typical Landscape
Typical Map Unit: 2ST-Boreal Terraces with Discontinuous Permafrost
Soil Component: Boreal-forested gravelly terraces

Early stage of fire induce secondary succession

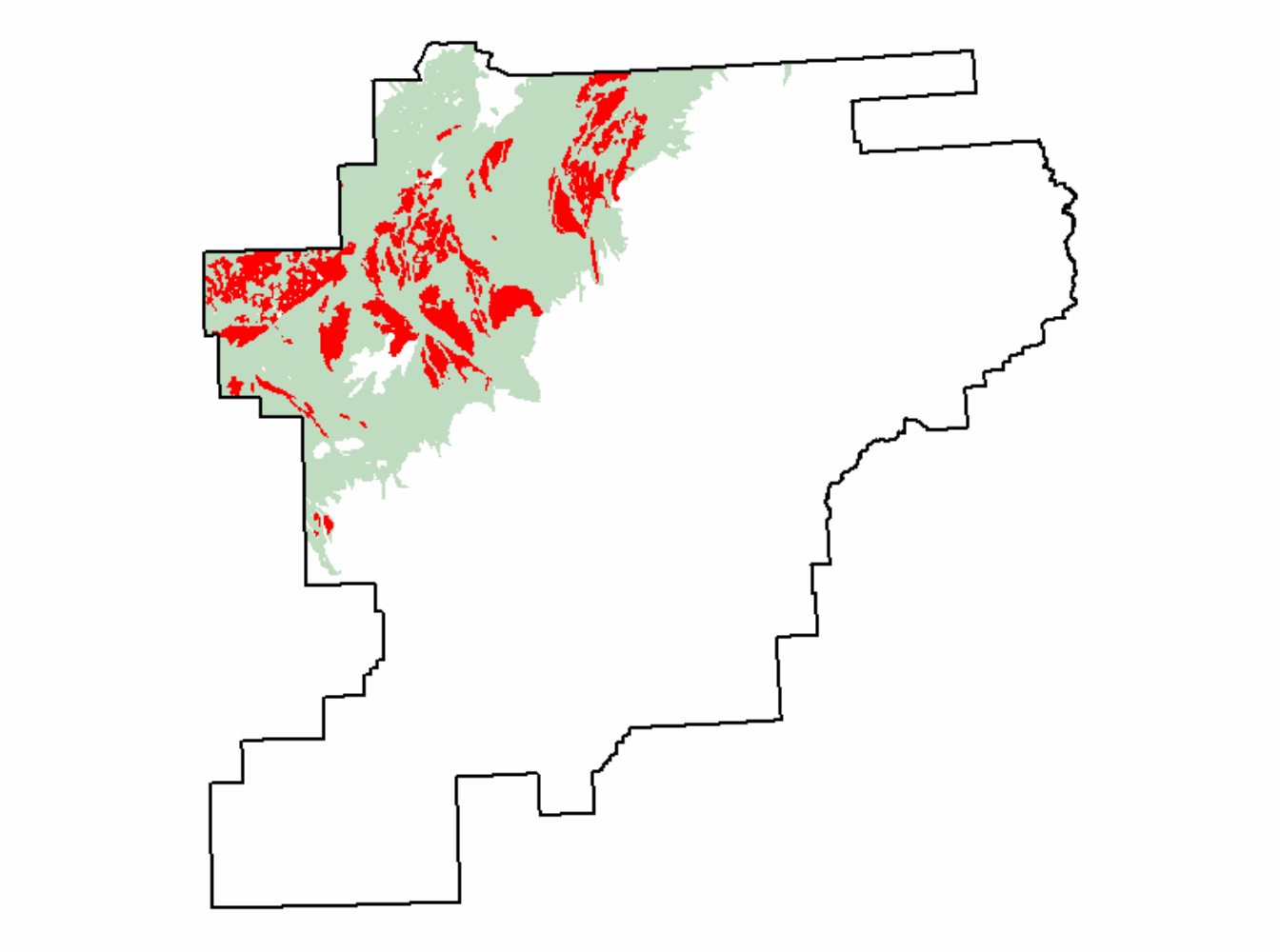
Mid-stage of fire induced secondary succession

Typical Soil Profile

Climax Plant Community

Climax plant community on drier microsites

Landtype-Peat Plateaus (131B_111)
Distribution Maps and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Peat Plateaus (131B_111)

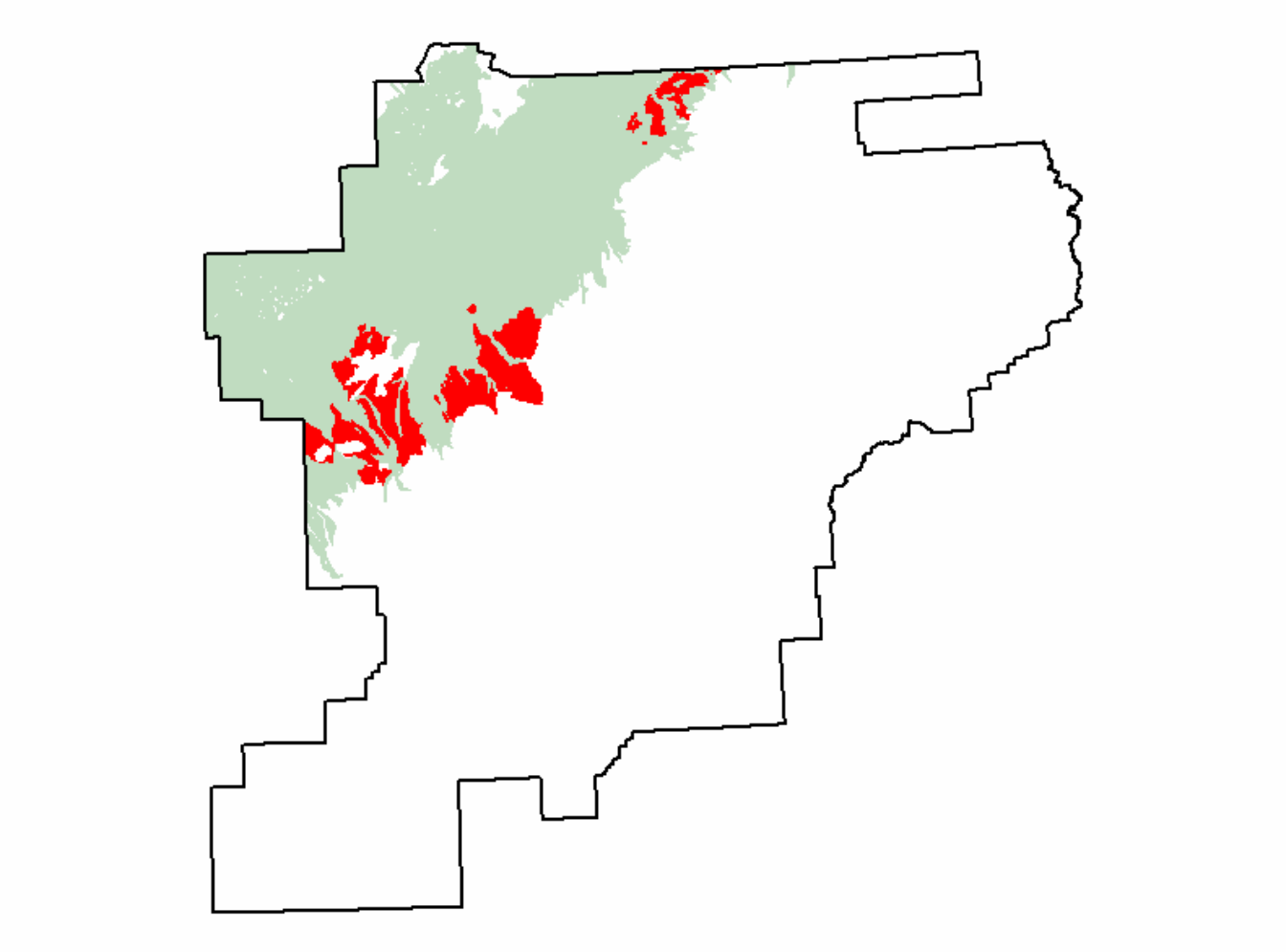
Typical Landscape
Typical Map Unit: 3FG3-Boreal Loess Plains and Peat Plateaus with Continuous Permafrost
Soil Component: Boreal-taiga peat plateaus, frozen

Early stage of fire induced secondary succession

Typical Soil Profile

Climax plant community

Landtype-Loamy Frozen Slopes, Ice Cored (131B_113)
Distribution Maps and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Loamy Frozen Slopes, Ice Cored (131B_113)

Typical Landscape
Typical Map Unit: 3Y-Boreal Ice Cored Loess Hills and Plains with Continuous Permafrost
Soil Component: Boreal-taiga silty loess hills, frozen

Climax Plant Community

Typical Soil Profile

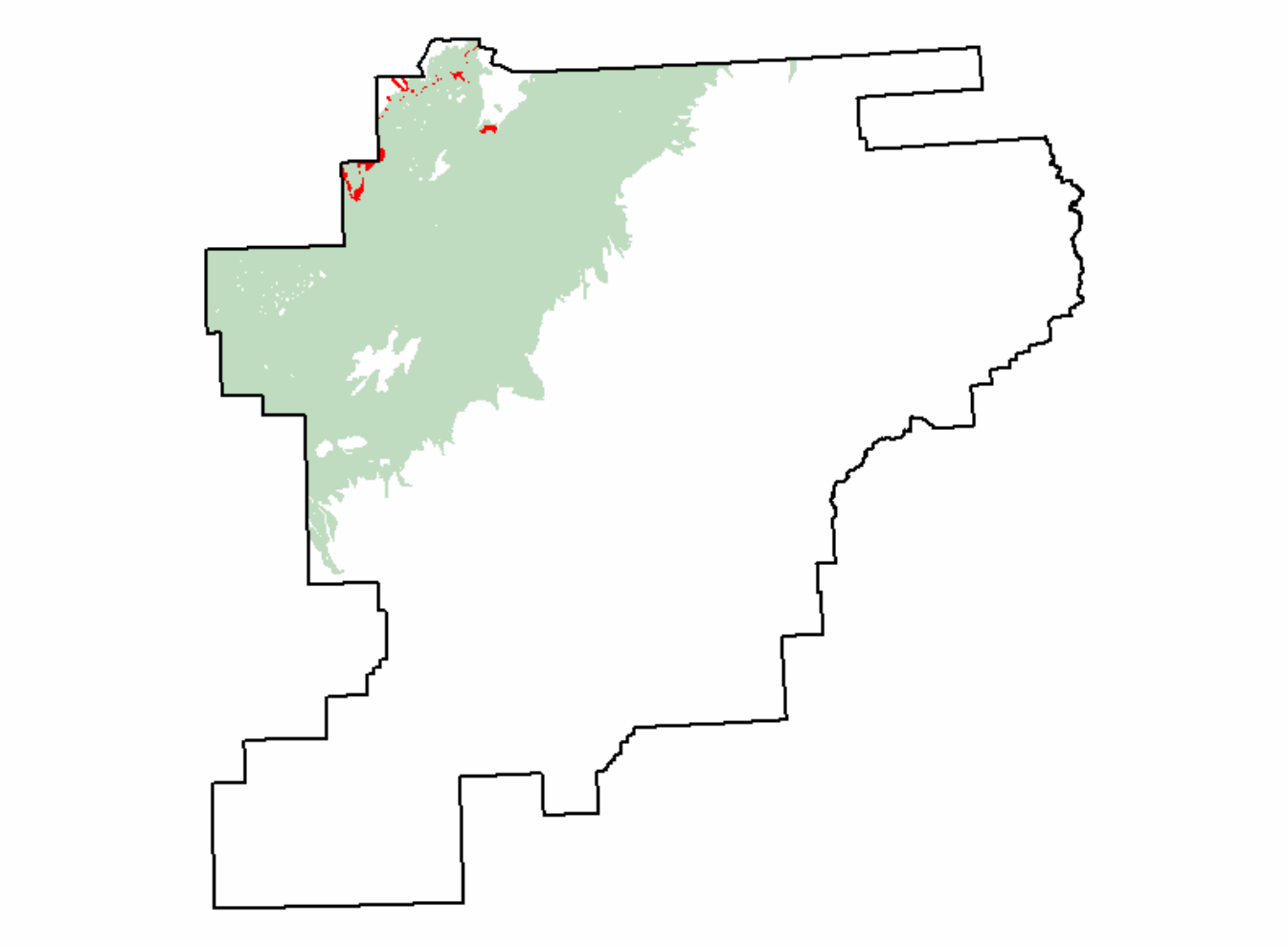
Landtype-Loamy Frozen Slopes, Ice Cored (131B_113)

Late stage of fire induced secondary succession

Mid-stage of fire induced secondary succession

Typical soil profile

Landtype-Loamy Wet Flood Plains (131B_153)
Distribution Maps and Photos



Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Loamy Wet Flood Plains (131B_153)

Typical Landscape

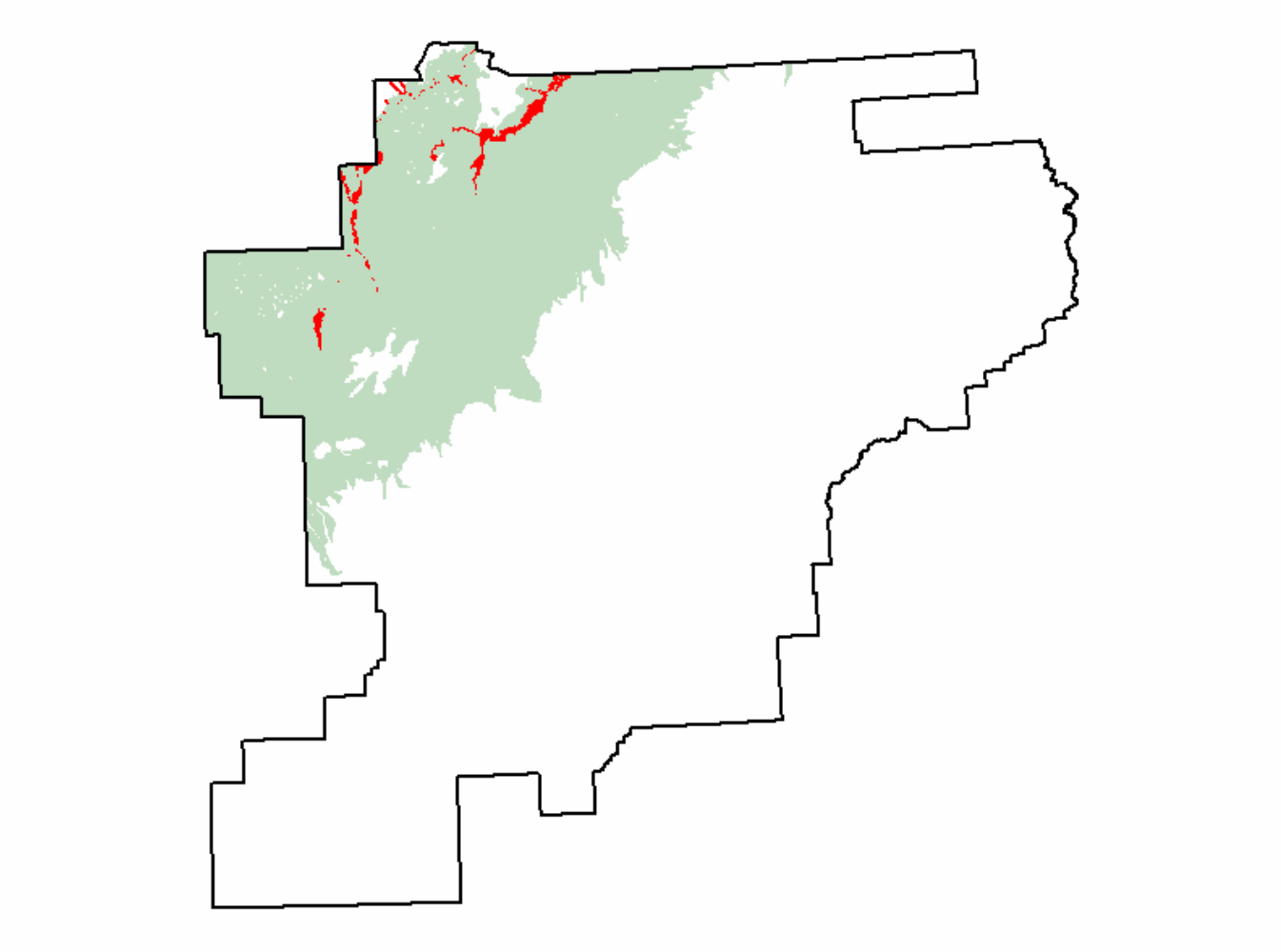
Typical Map Unit: 1FP4-Boreal Flood Plains and Terraces with Discontinuous Permafrost, Wet

Soil Component: Boreal-riparian scrub silty flood plains, wet

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Wet Flood Plains, Frozen (131B_156)
Distribution Maps and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Loamy Wet Flood Plains, Frozen (131B_156)

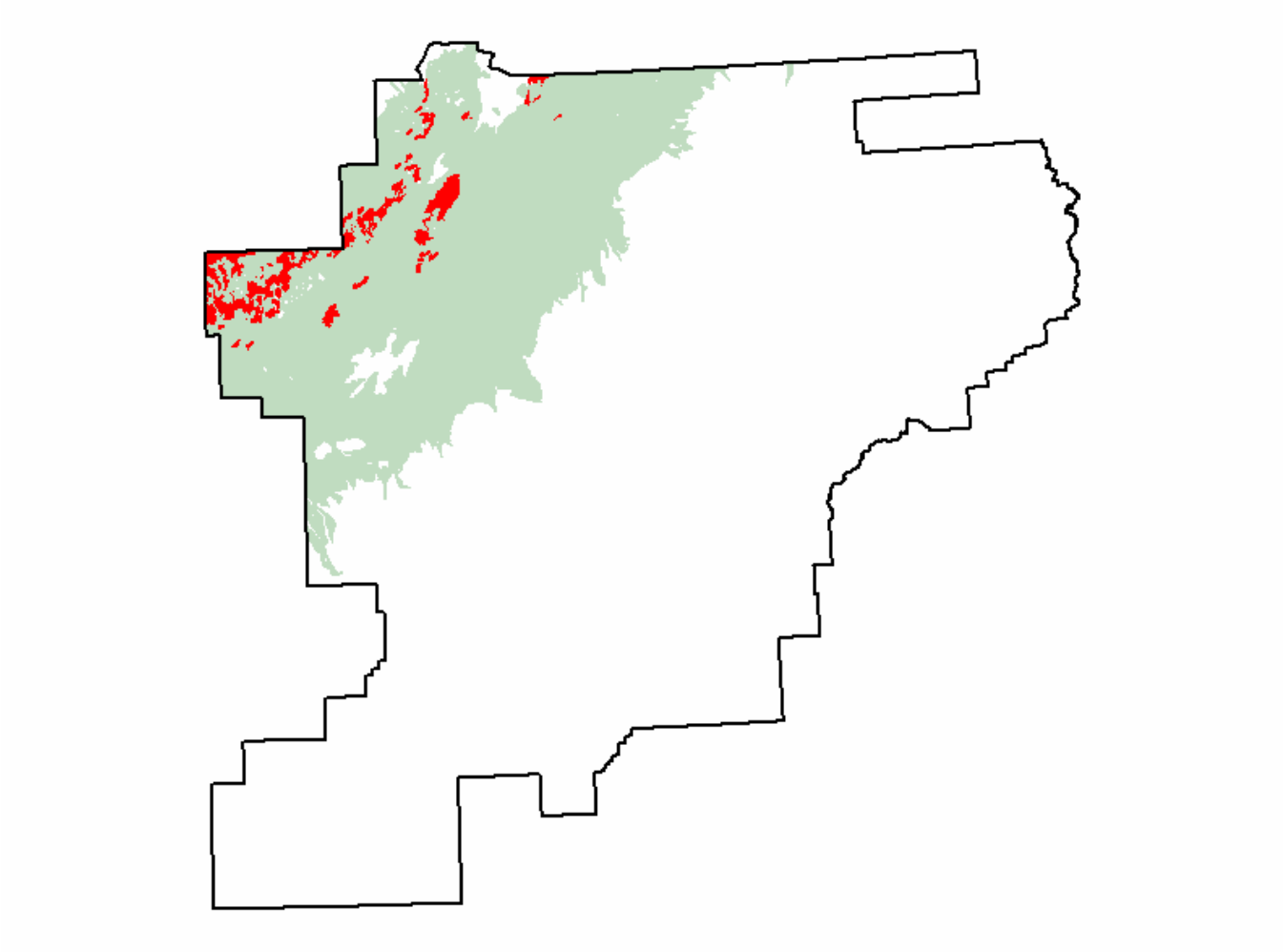
Typical Landscape
Typical Map Unit: 1FP-Boreal Flood Plains with Discontinuous Permafrost, Minchumina Basin
Soil Component: Boreal-riparian forested loamy wet flood plains, frozen

Climax Plant Community

Typical Soil Profile

Early stage of fire induced secondary succession

Landtype-Sandy Hills (131B_185)
Distribution Maps and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Sandy Hills (131B_185)

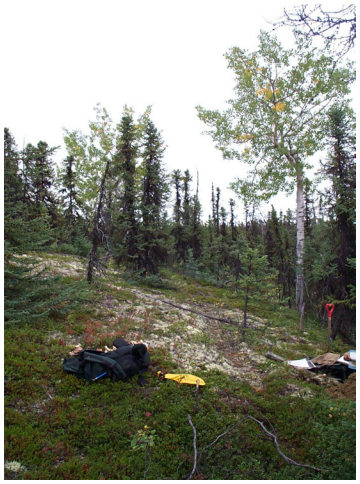
Typical Landscape

Typical Map Unit: 3FU3-Boreal Eolian Plains and Dunes with Discontinuous Permafrost
Soil Component: Boreal-forested sandy hills

Climax Plant Community

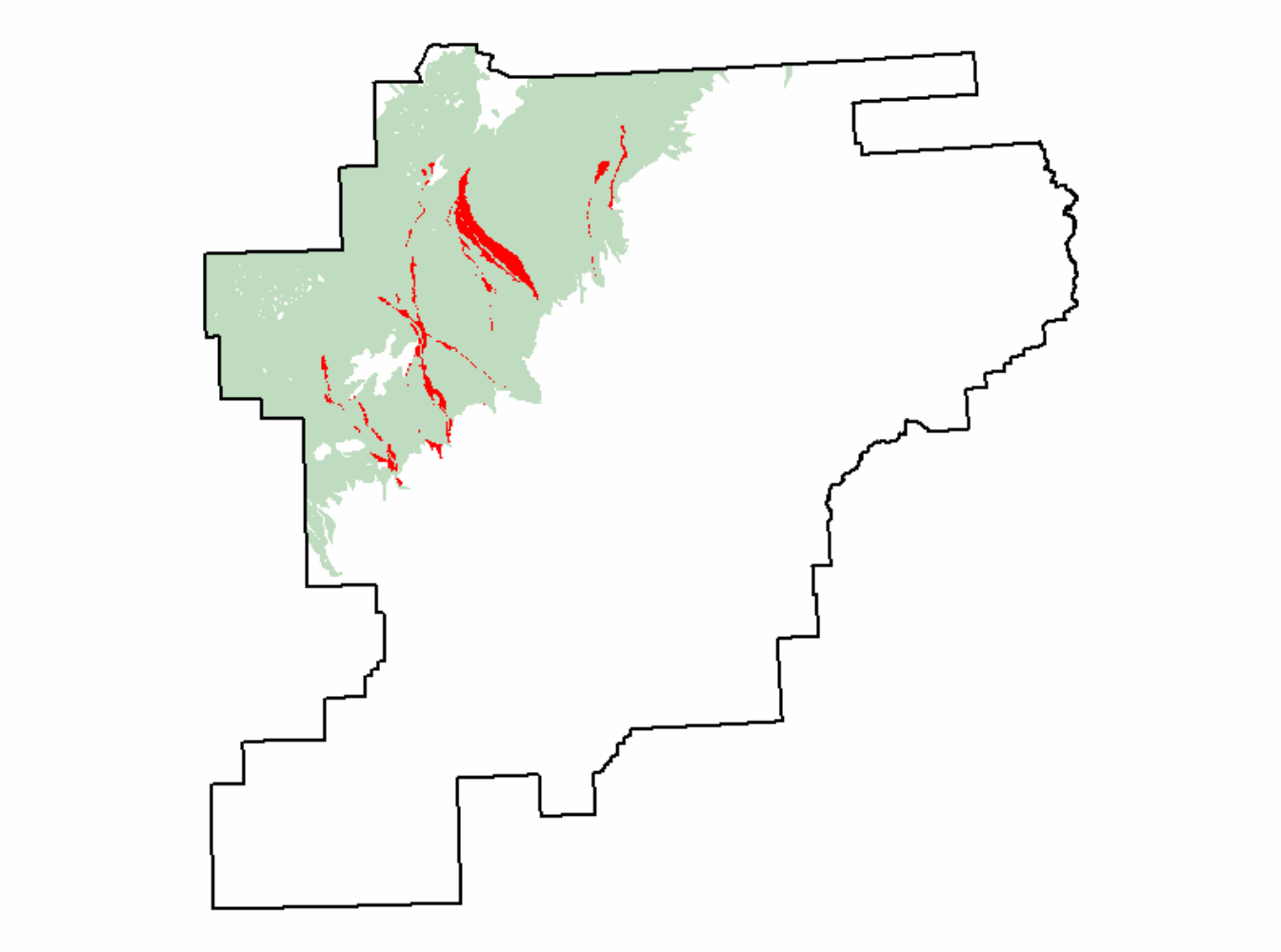
Typical Soil Profile

Early stage of fire induced secondary succession



Late stage of fire induced secondary succession

Landtype-Gravelly Flood Plains (131B_255)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Gravelly Flood Plains (131B_255)

Typical Landscape
Typical Map Unit: 2FP3-Boreal Flood Plains with Discontinuous Permafrost
Soil Component: Boreal-riparian forested gravelly flood plains

Climax Plant Community

Typical Soil Profile

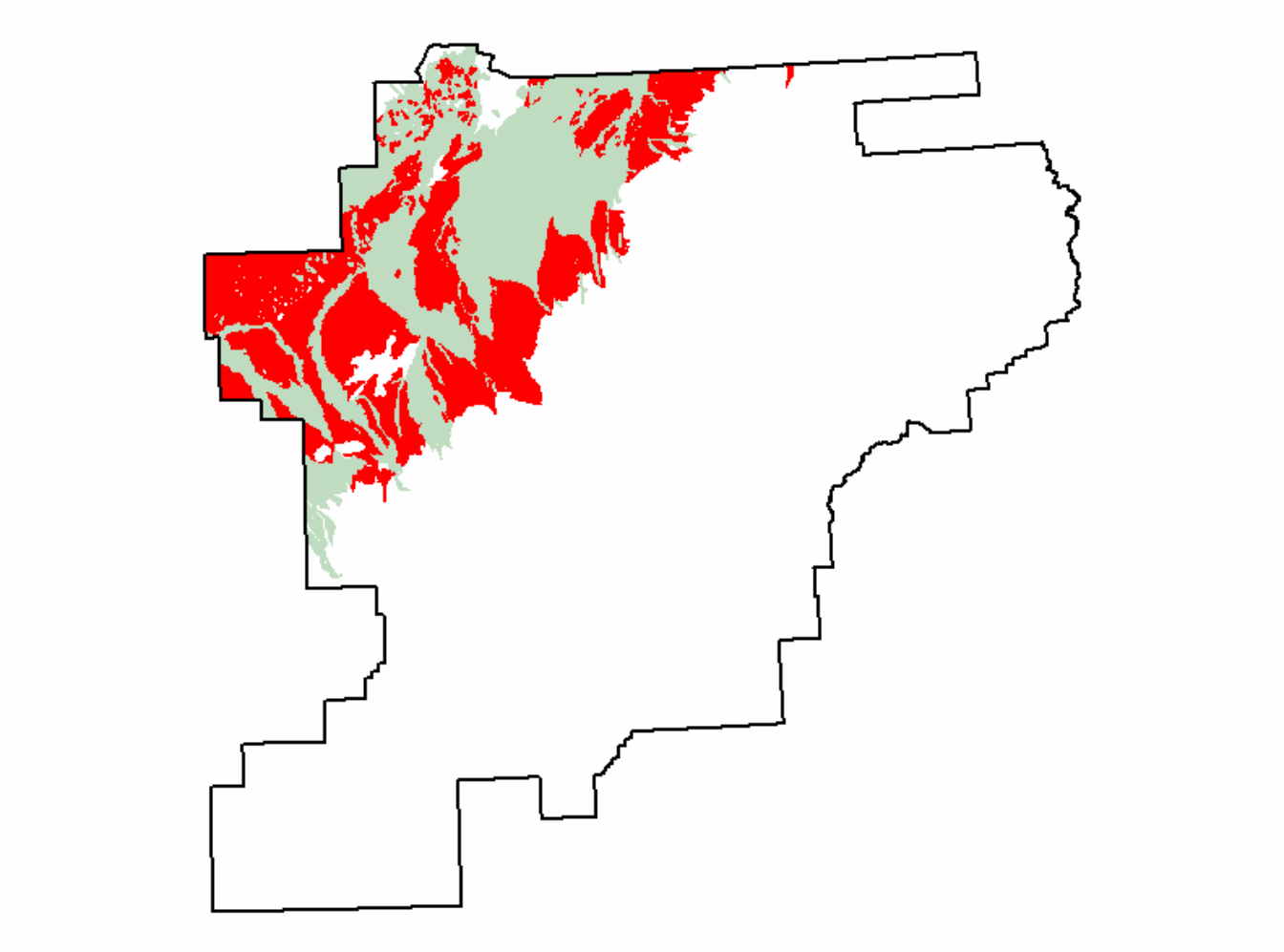
Landtype-Gravelly Flood Plains (131B_255)

Climax plaint community on drier microsites

Post climax plant community

Early stage of primary succession on flood plains

Landtype-Loamy Frozen Slopes (131B_400)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

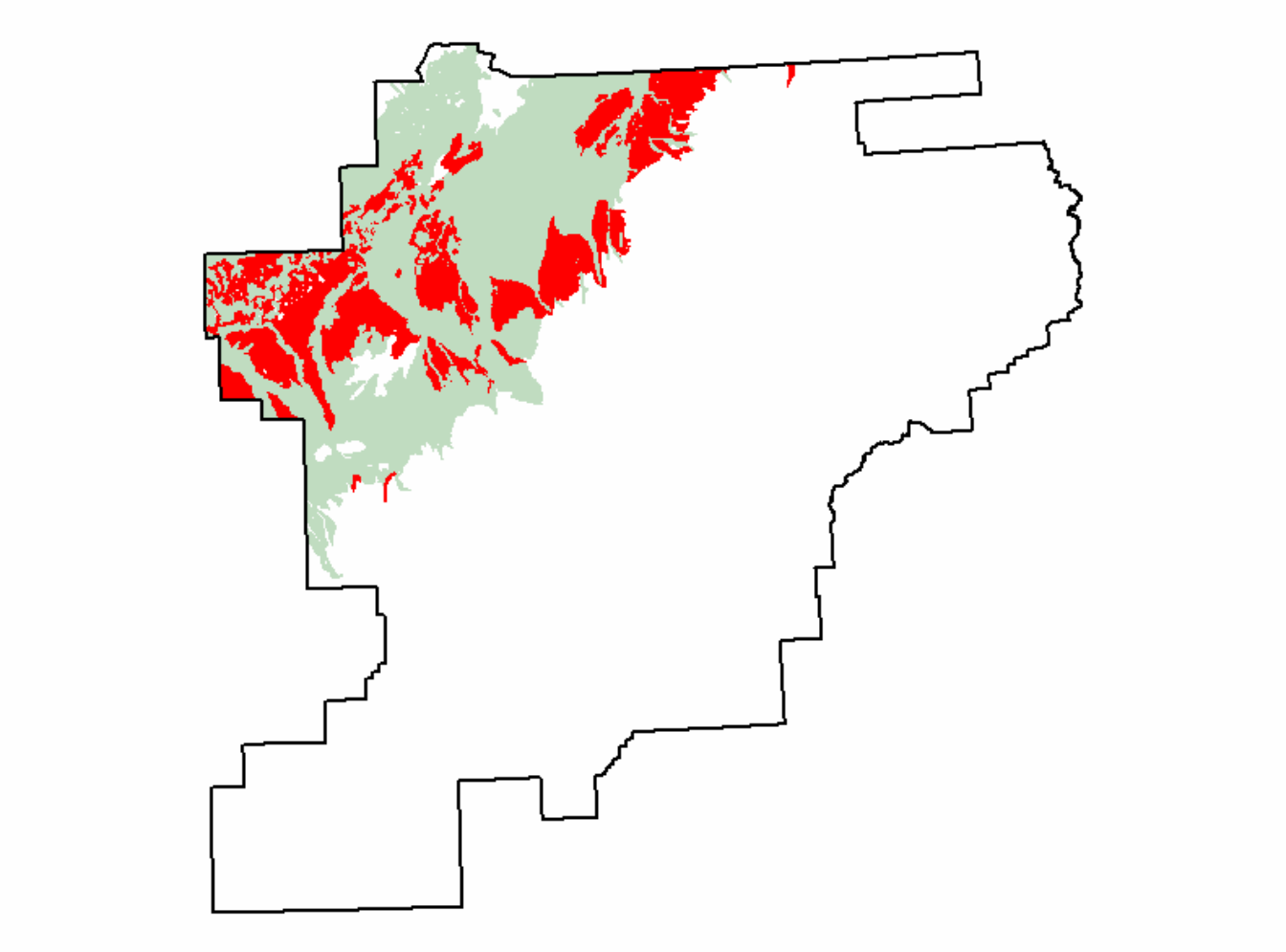
Landtype-Loamy Frozen Slopes (131B_400)

Typical Landscape
Typical Map Unit: 3FU4-Boreal Loess Plains, Hills and Drains with Continuous Permafrost
Soil Component: Boreal-taiga silty loess slopes, frozen

Climax Plant Community

Typical Soil Profile

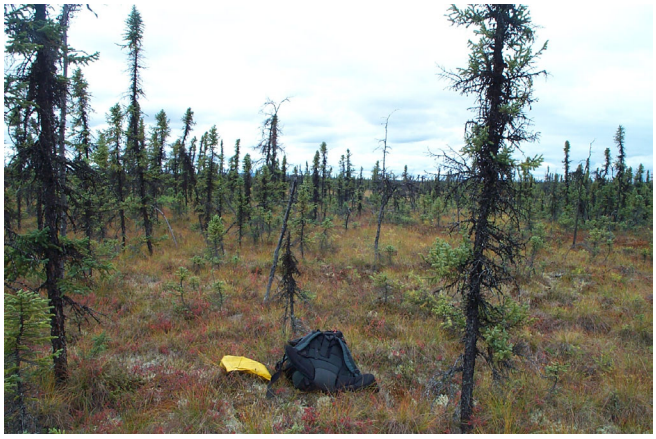
Landtype-Loamy Frozen Slopes, Wet (131B_402)
Distribution Map and Photos



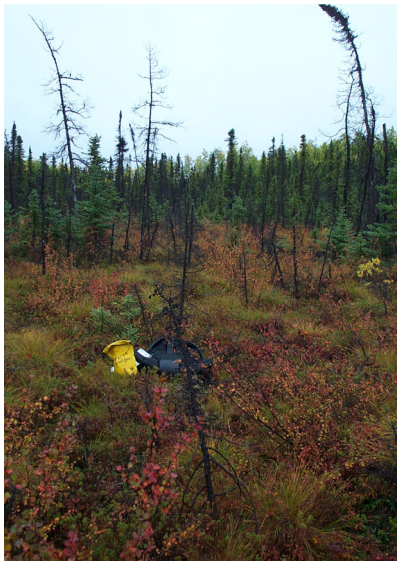
Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Loamy Frozen Slopes, Wet (131B_402)

Typical Landscape
Typical Map Unit: 3FU2-Boreal Peat Plateaus and Loess Plains with Continuous Permafrost
Soil Component: Boreal-taiga/tussock silty loess slopes, frozen



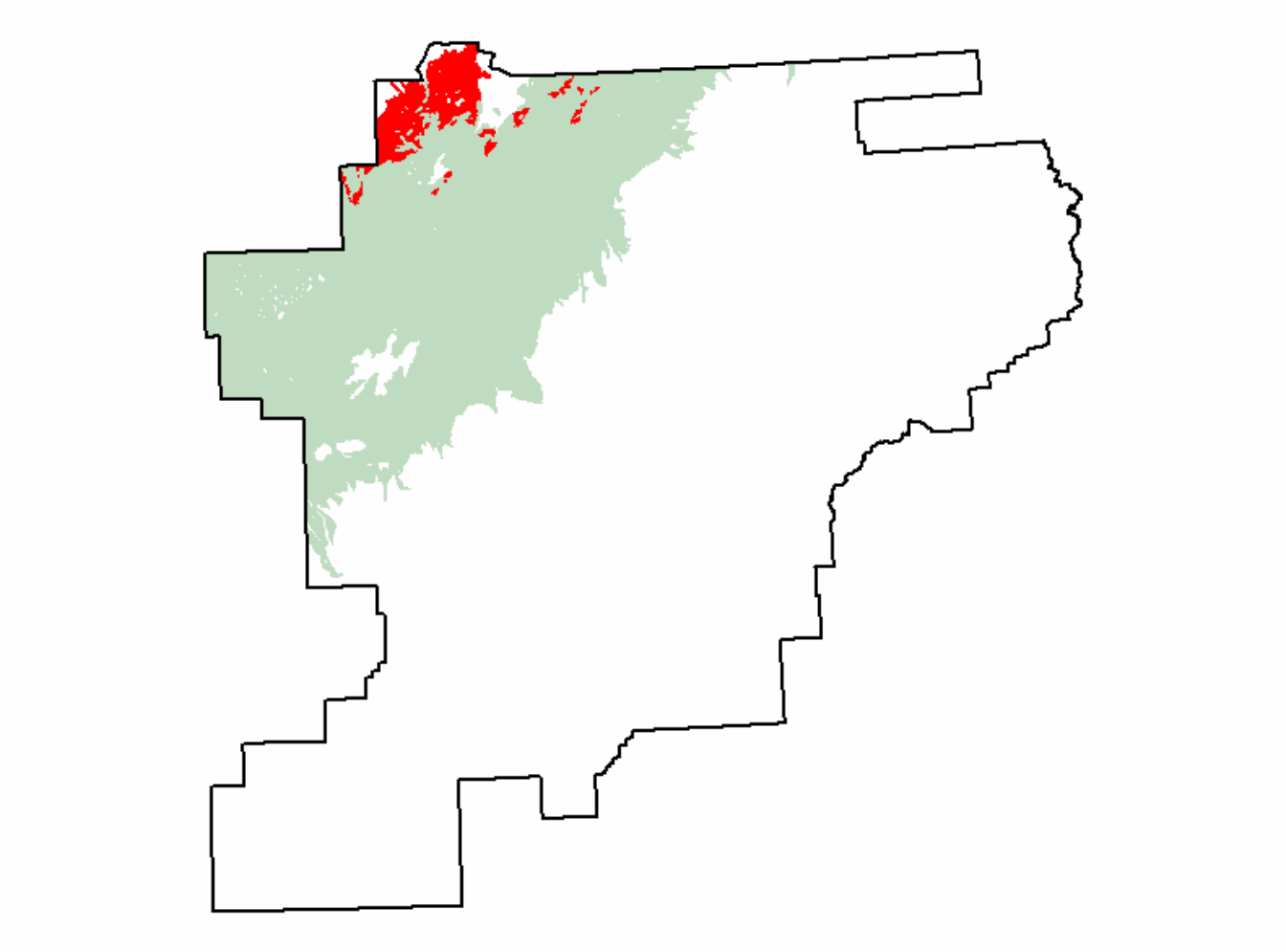
Climax plant community



Mid-stage of fire induced secondary succession

Typical Soil Profile

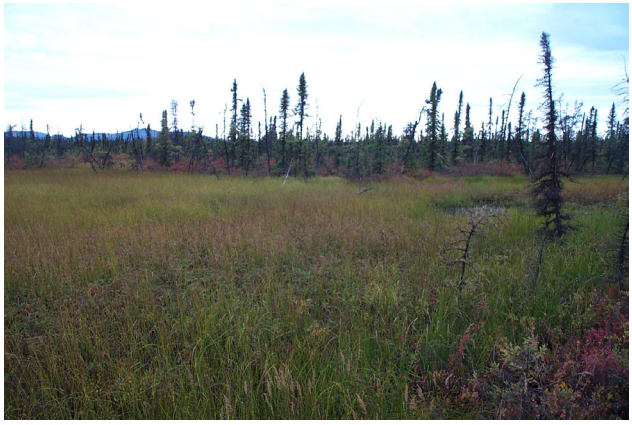
Landtype-Organic Depressions, Fens (131B_501)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Organic Depressions, Fens (131B_501)

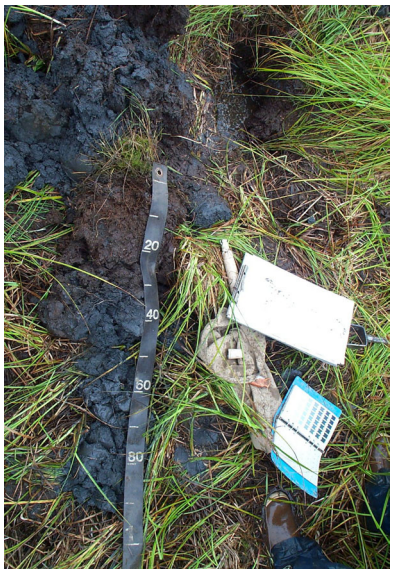
Typical Landscape
Typical Map Unit: 1FP4-Boreal Flood Plains and Terraces with Discontinuous Permafrost, wet
Soil Component: Boreal-riparian wet meadow organic depressions



Early stage of pond/fen/ bog succession

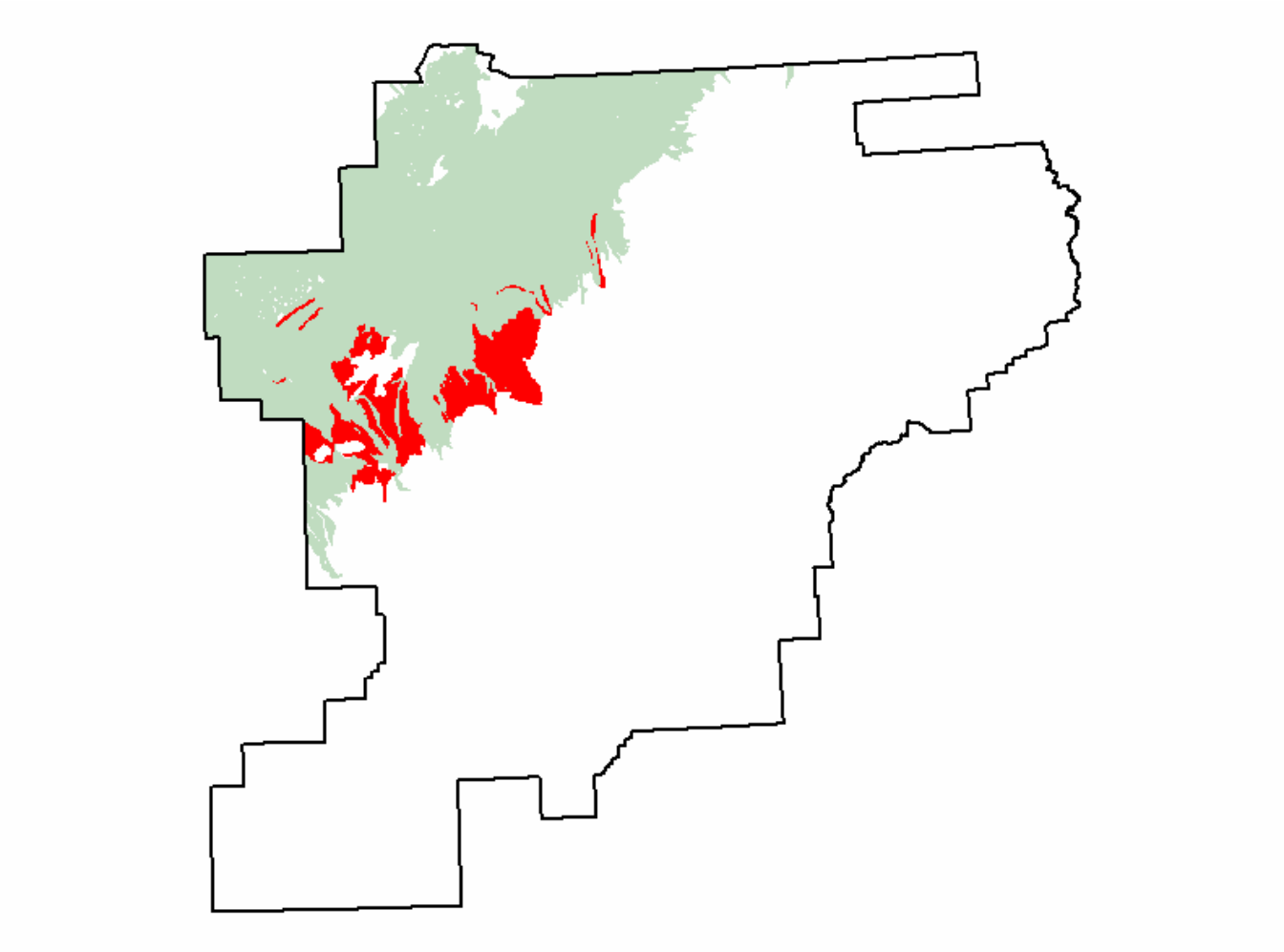
Post climax plant community

Climax Plant Community



Typical Soil Profile

Landtype-Silty Drainages, Frozen (131B_502)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

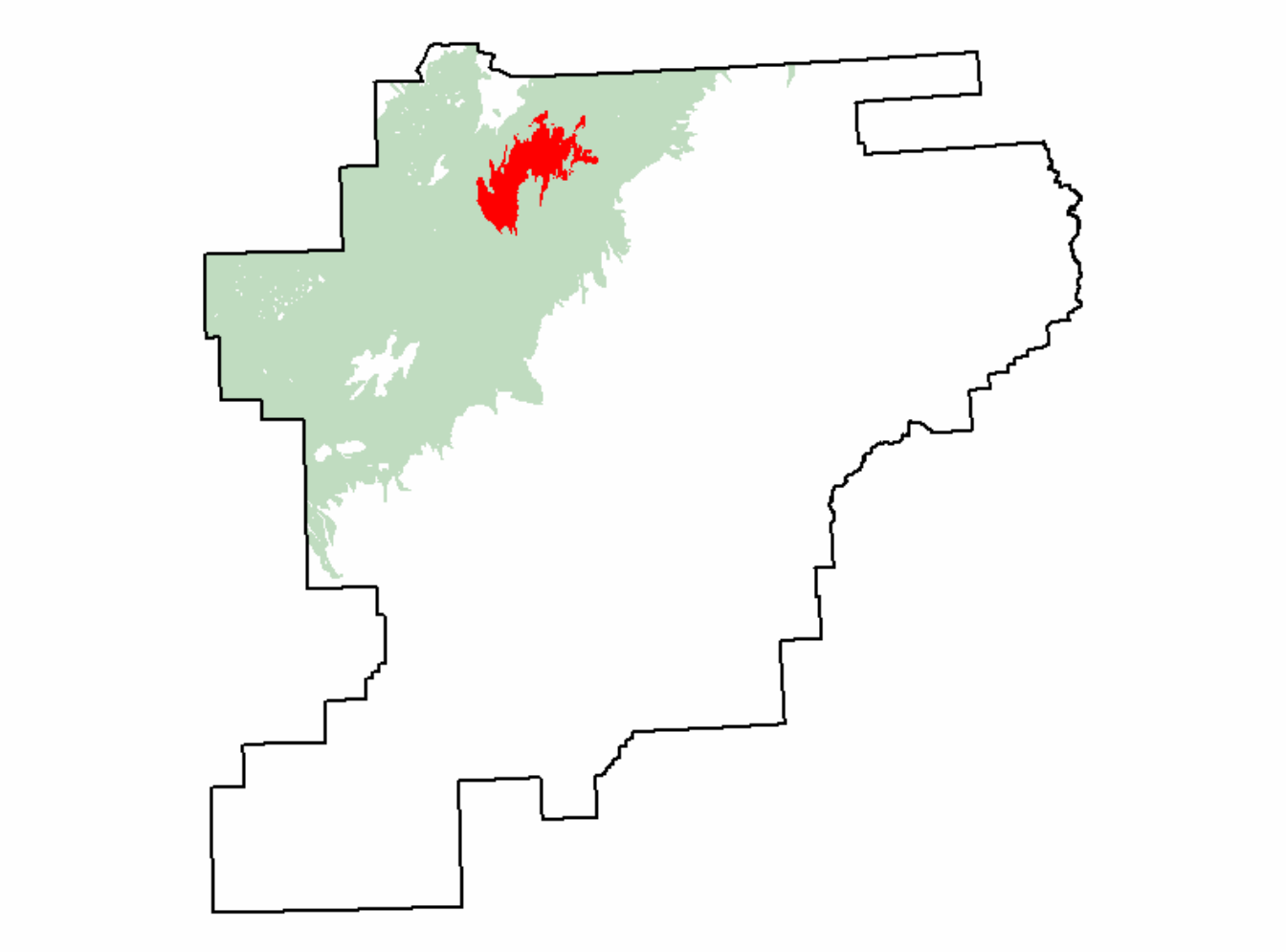
Landtype-Silty Drainages, Frozen (131B_502)

Typical Landscape
Typical Map Unit: 3FU4-Boreal Loess Plains, Hills and Drains with Continuous Permafrost
Soil Component: Boreal-riparian tall scrub silty frozen drains, Kuskokwim Plain

Climax Plant Community

Typical Soil Profile

Landtype-Silty Drainages, Very Wet (131B_503)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

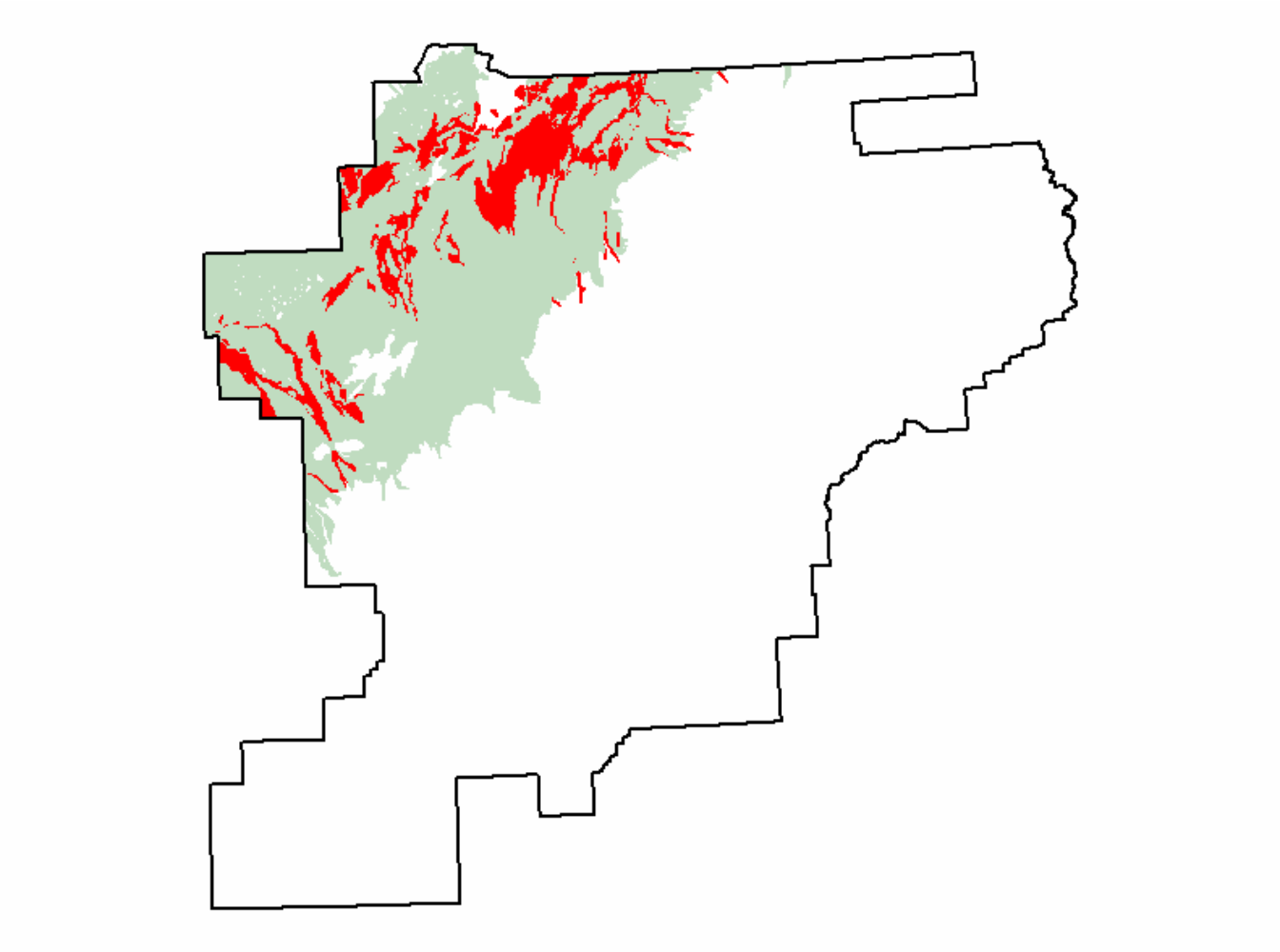
Landtype-Silty Drainages, Very Wet (131B_503)

Typical Landscape
Typical Map Unit: 3FU4-Boreal Loess Plains, Hills and Drains with Continuous Permafrost
Soil Component: Boreal-riparian scrub silty drains, frozen

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Channels (131B_505)
Distribution Map and Photos

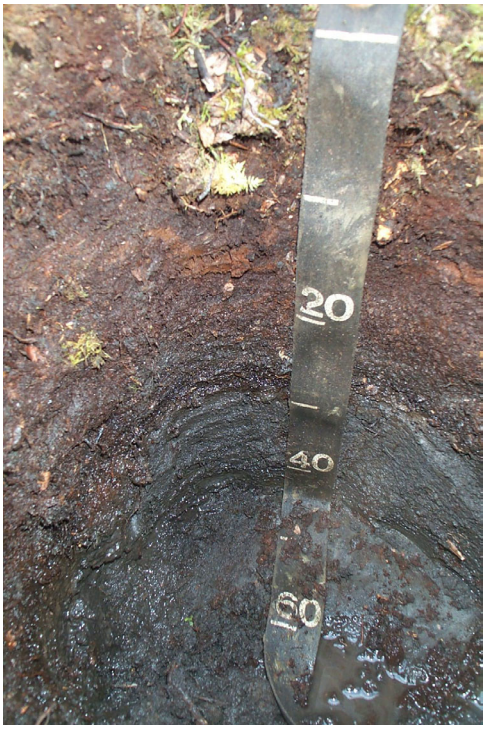


Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Loamy Channels (131B_505)

Typical Landscape
Typical Map Unit: 2FW2-Boreal Terraces and High Flood Plains with Continuous Permafrost
Soil Component: Boreal-taiga loamy channels, frozen

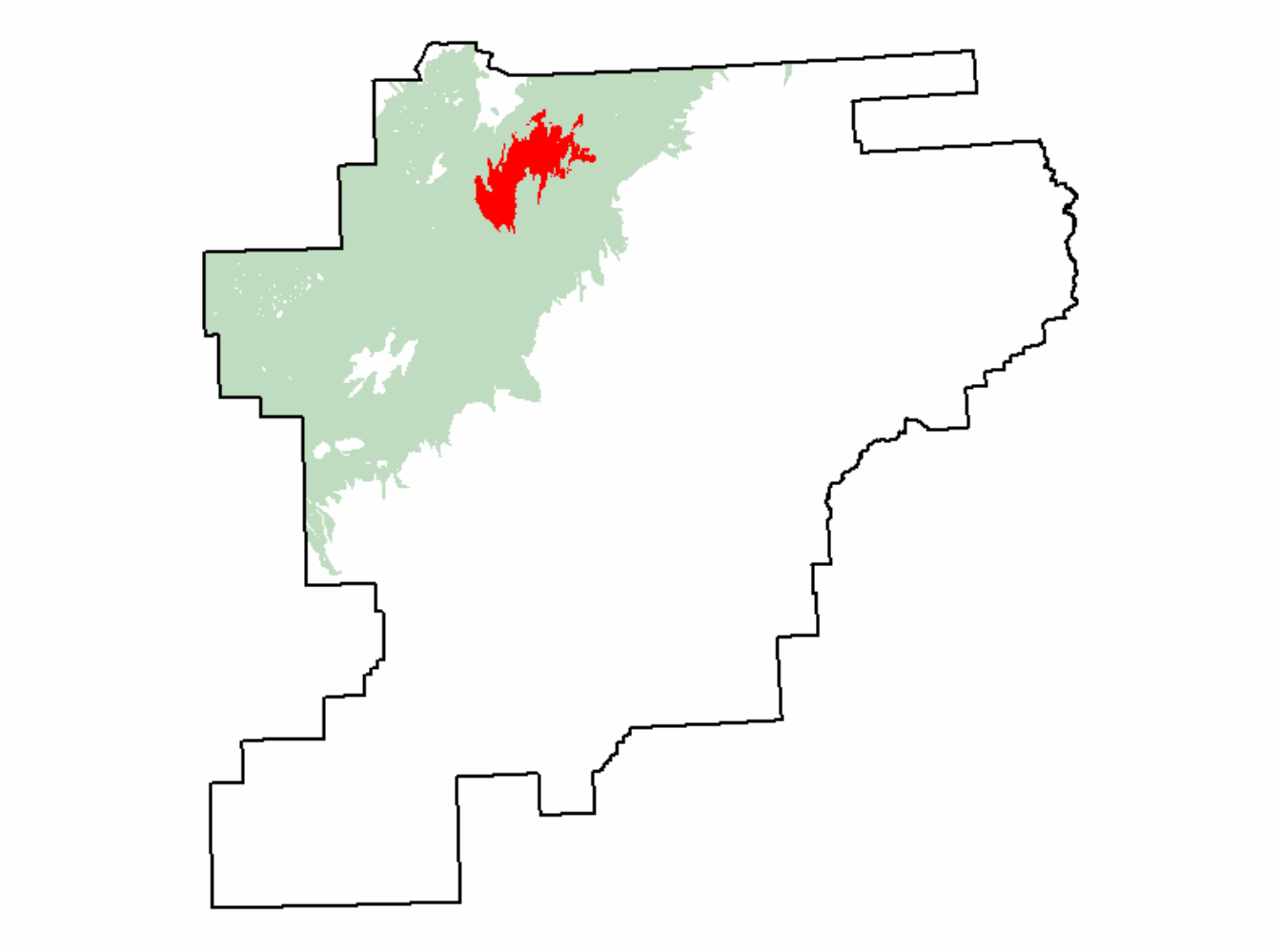
Late stage of fire induced secondary succession



Typical Soil Profile

Climax Plant Community

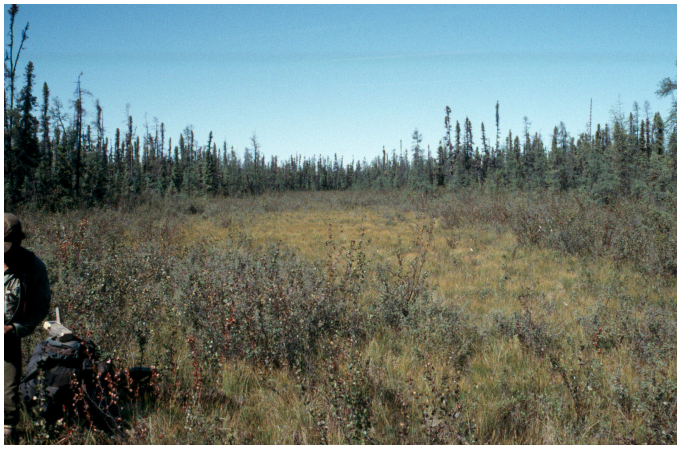
Landtype-Organic Depressions, Eutrophic Fens (131B_506) Distribution Map and Photos



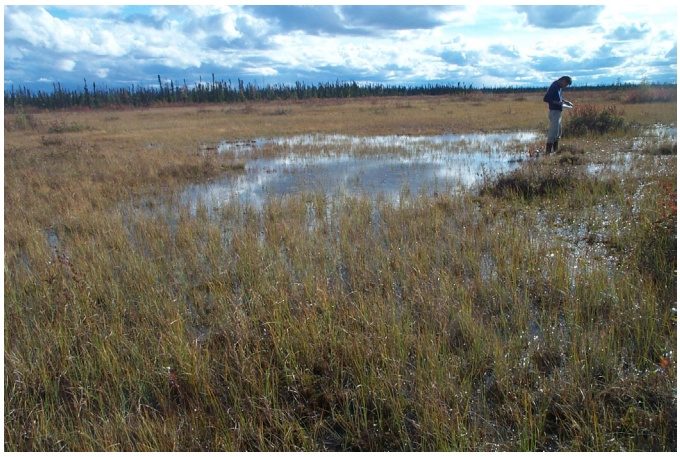
Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Organic Depressions, Eutrophic Fens (131B_506)

Typical Landscape
Typical Map Unit: 1STW2-Boreal Groundwater Discharge Fens with Discontinuous Permafrost
Soil Component: Boreal-riparian fen organic depressions



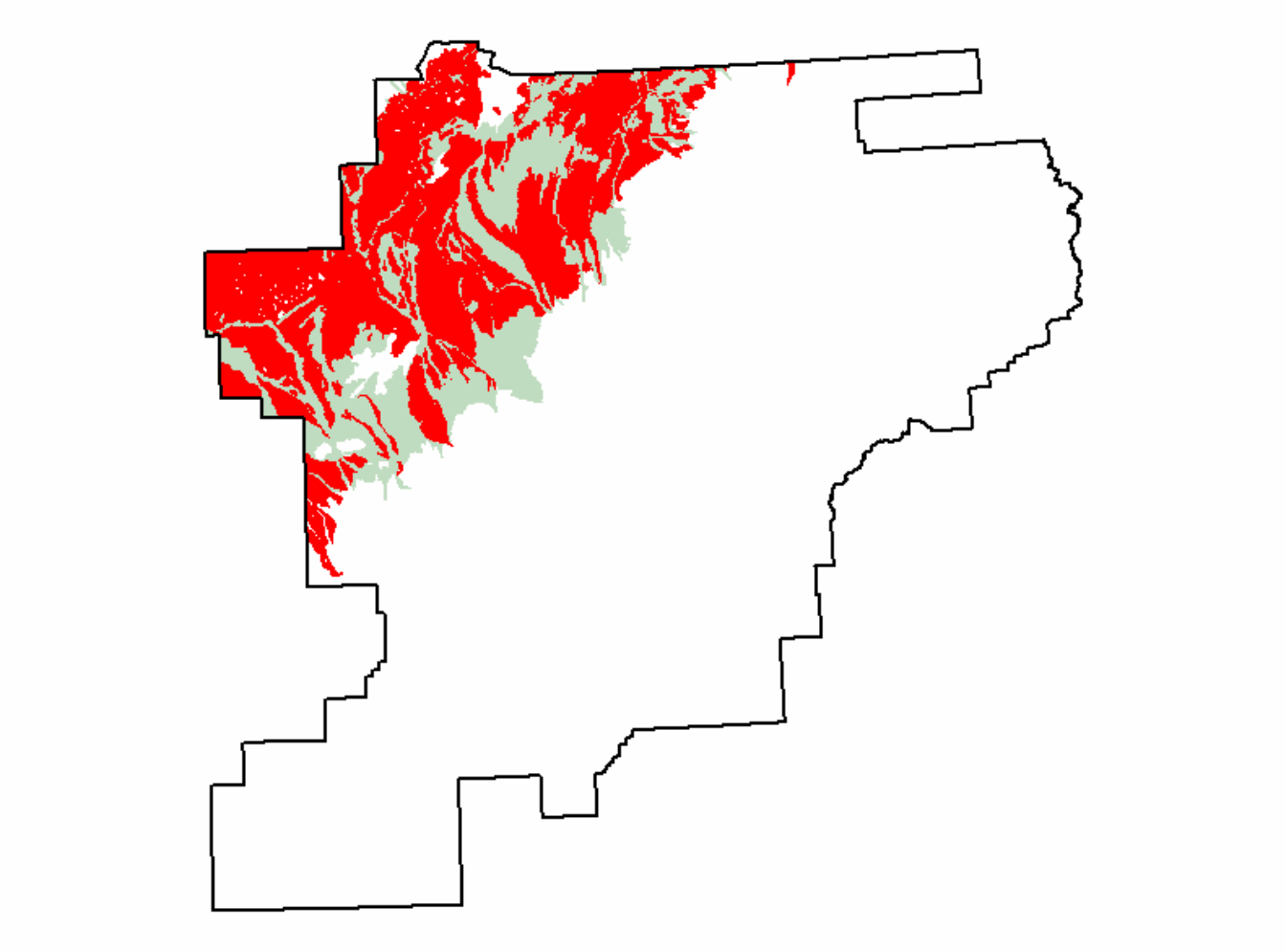
Pioneering state of pond/fen/bog succession



Climax Plant Community

Typical Soil Profile

Landtype-Depressions, Bogs (131B_530)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Depressions, Bogs (131B_530)

Typical Landscape

Typical Map Unit: 3FU4-Boreal Loess Plains, Hills and Drains with Continuous Permafrost
Soil Component: Boreal-bog organic depressions

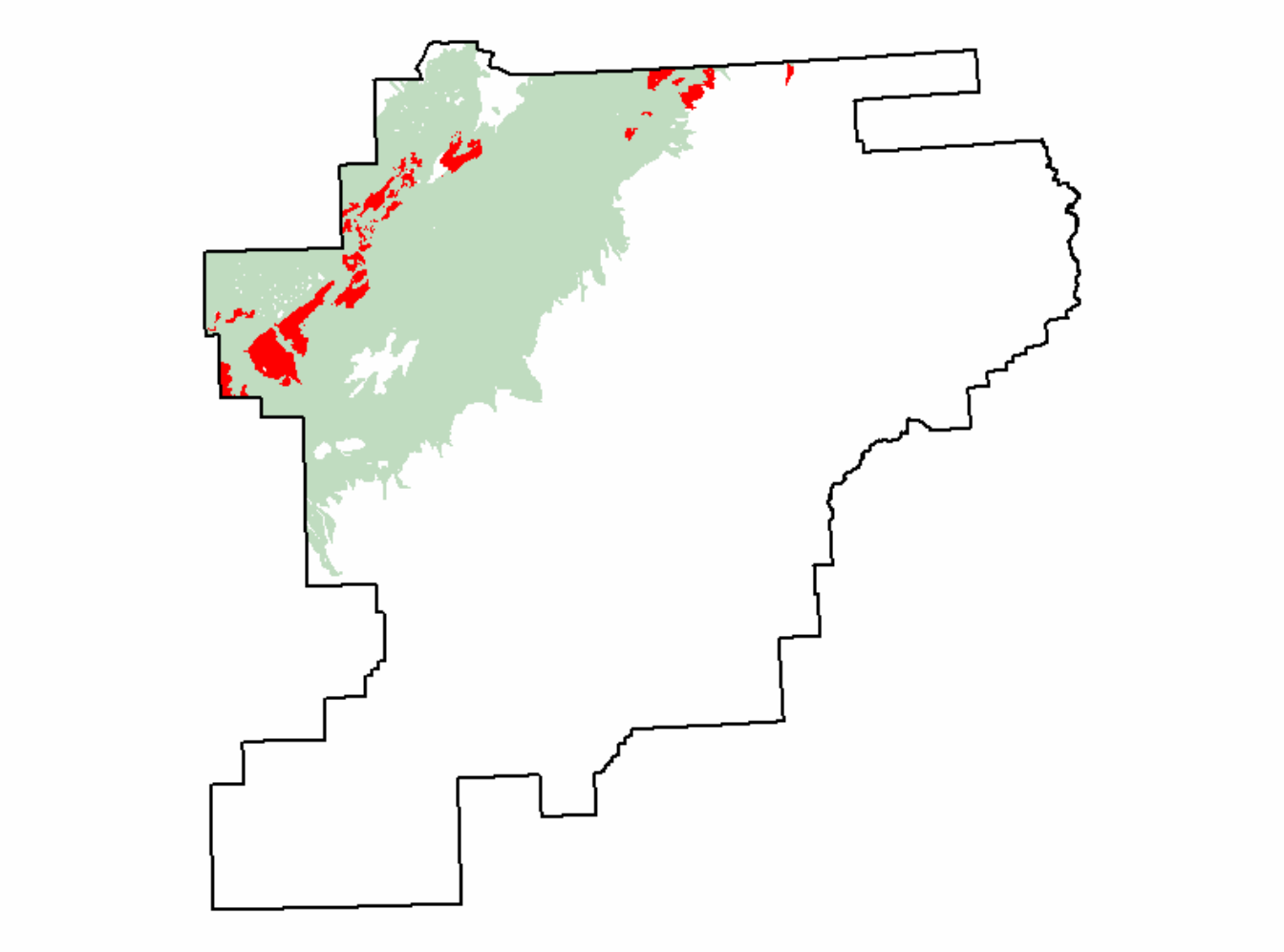
Climax Plant Community

Typical Soil Profile

Early stage of pond/fen/ bog succession

Pioneering state of pond/ fen/bog succession

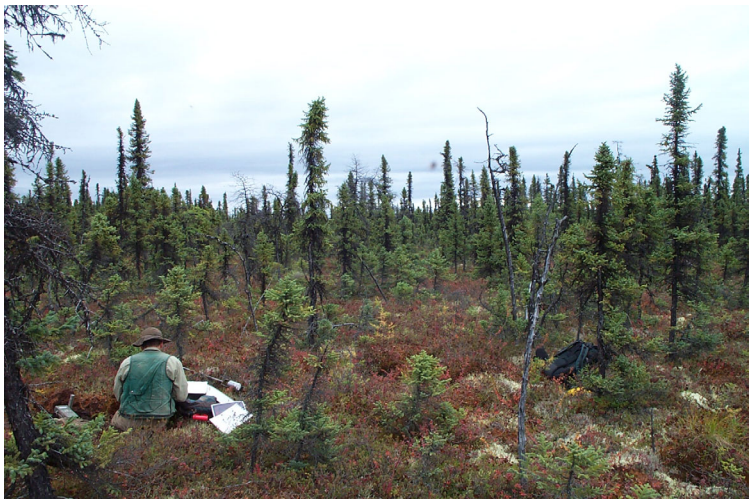
Landtype-Peat Slopes, Frozen (131B_531)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Peat Slopes, Frozen (131B_531)

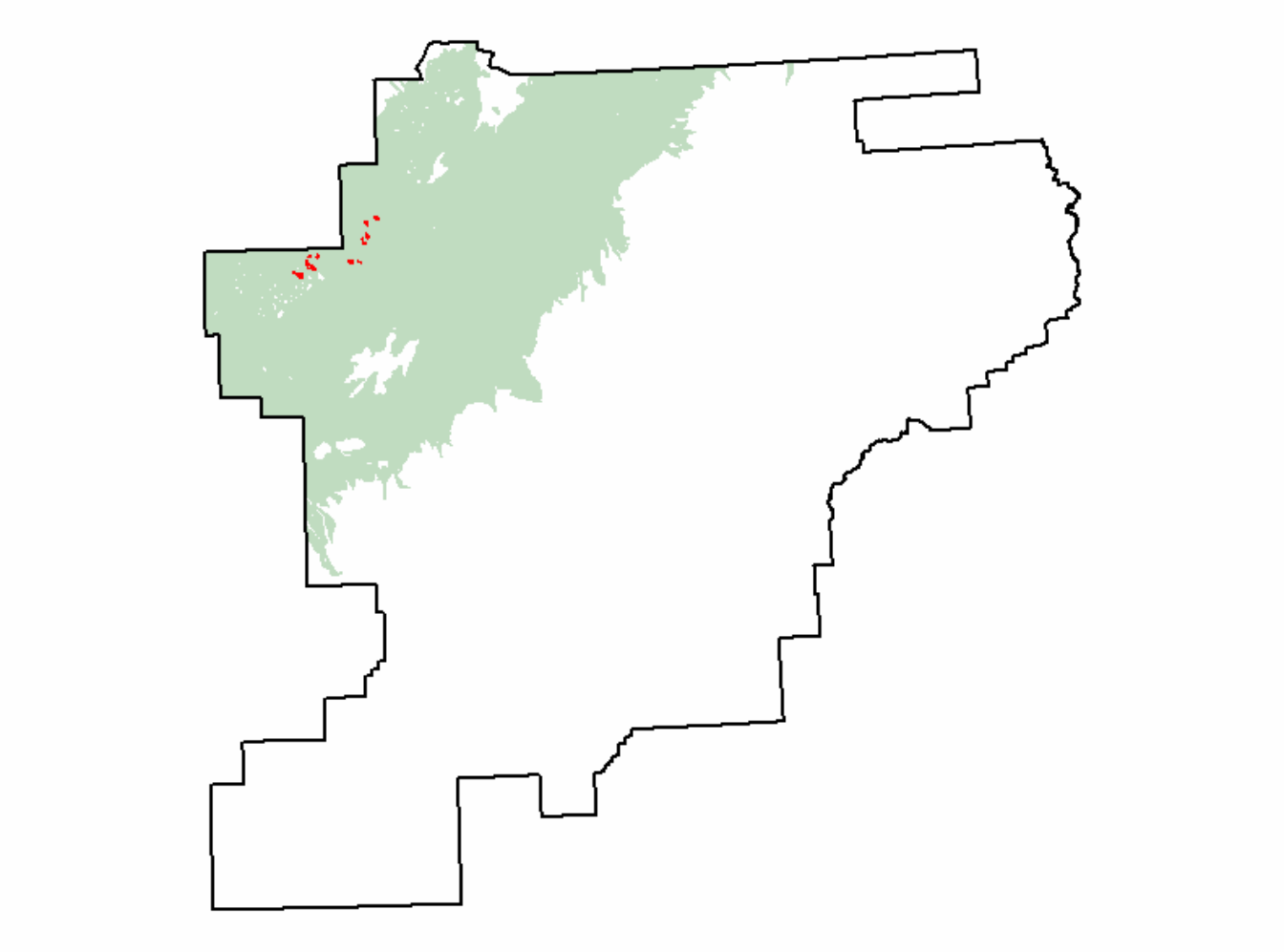
Typical Landscape
Typical Map Unit: 3FG3-Boreal Loess Plains and Peat Plateaus with Continuous Permafrost
Soil Component: Boreal-taiga peat plateaus, frozen



Climax Plant Community

Typical Soil Profile

Landtype-Loamy Depressions, Eutrophic Bogs (131B_532) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

Landtype-Loamy Depressions, Eutrophic Bogs (131B_532)

Typical Landscape
Typical Map Unit: 3FU3-Boreal Eolian Plains and Dunes with Discontinuous Permafrost
Soil Component: Boreal-loamy wet meadows

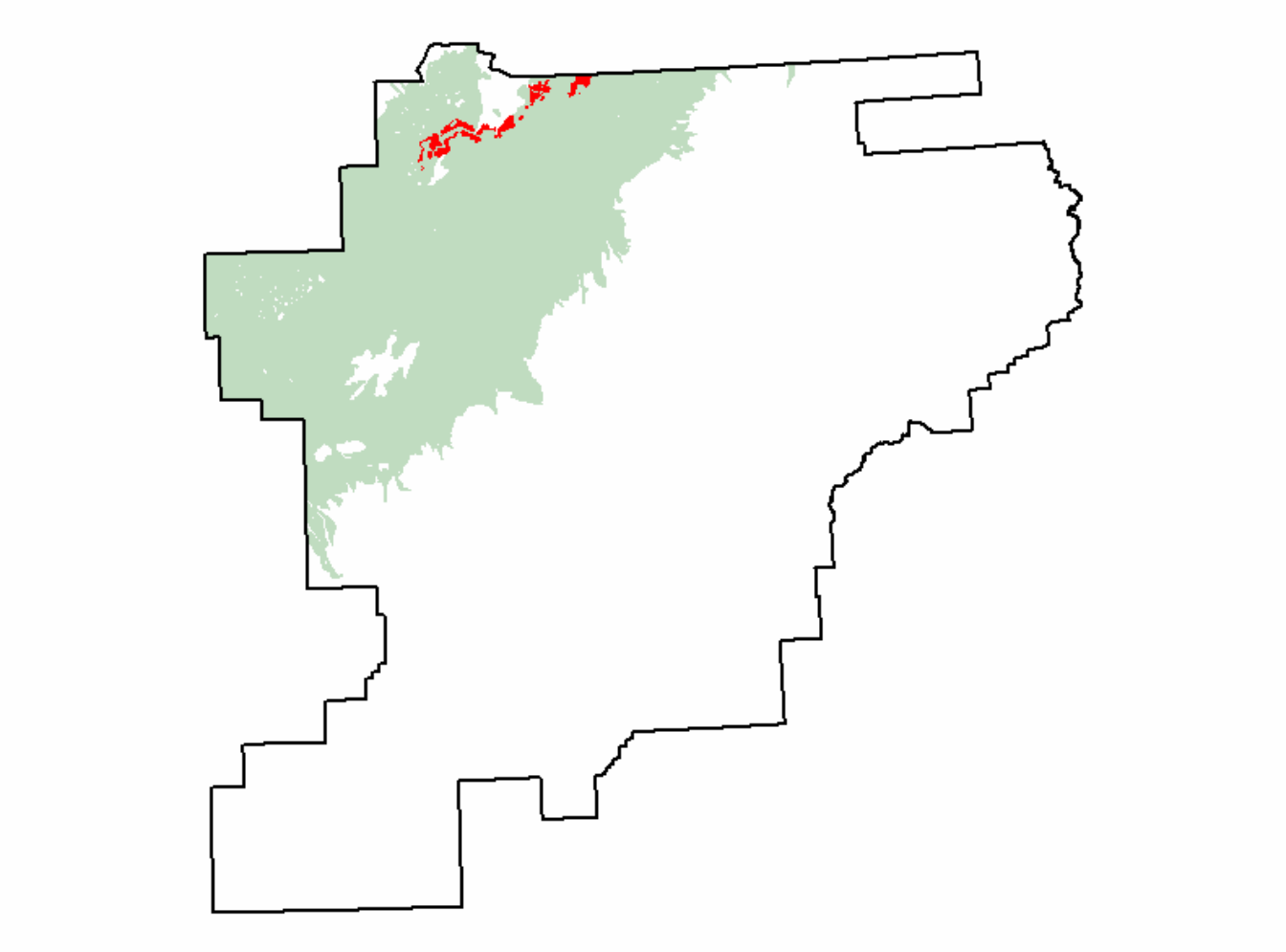
Climax Plant Community

Typical Soil Profile

Early stage of pond/fen/ bog succession

Late stage of pond/fen/ bog succession

Landtype-Organic Moderate Wet Depressions, Bogs (131B_533) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the Yukon-Kuskokwim Bottomlands Section is illustrated in gray.

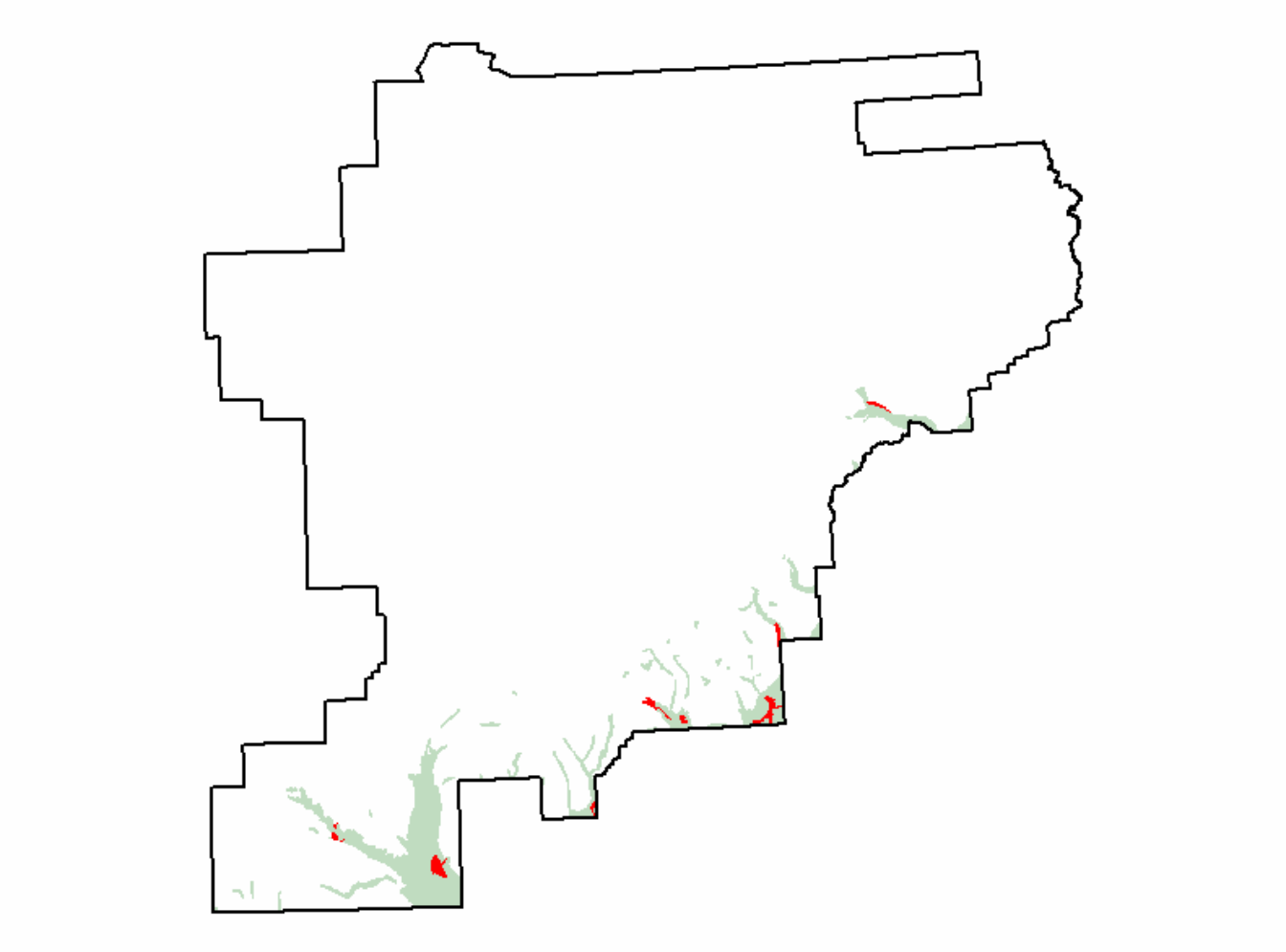
Landtype-Organic Moderate Wet Depressions, Bogs (131B_533)

Typical Landscape
Typical Map Unit: 1STW-Boreal Terraces with Discontinuous Permafrost, Minchumina Basin
Soil Component: Boreal-taiga scrub bog organic depressions

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Flood Plains (135A_100)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

Landtype-Loamy Flood Plains (135A_100)

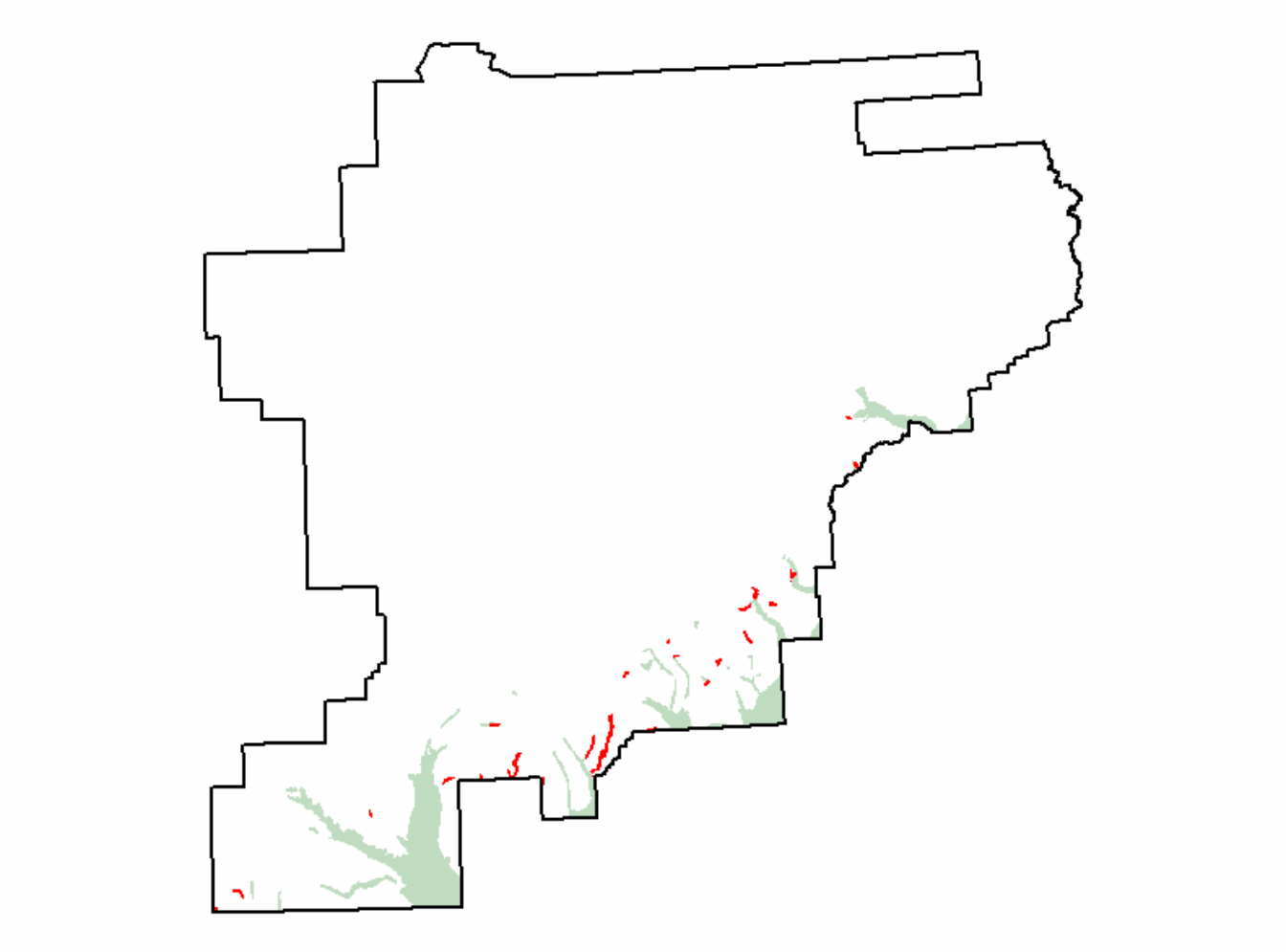
Typical Landscape
Typical Map Unit: 13FP-Boreal Flood Plains
Soil Component: Boreal-riparian forested gravelly high flood plains, Cook Inlet

Climax Plant Community

Typical Soil Profile

Post climax plant community

Landtype-Loamy Flood Plains, High Elevation (135A_150)
Distribution Map and Photos

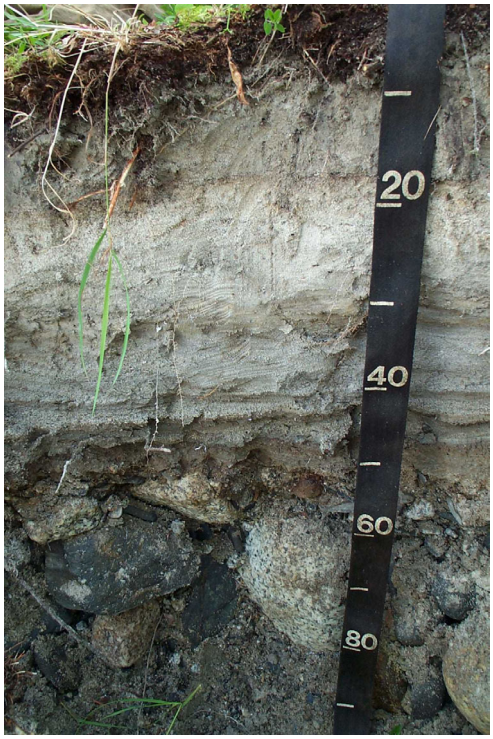


Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

Landtype-Loamy Flood Plains, High Elevation (135A_150)

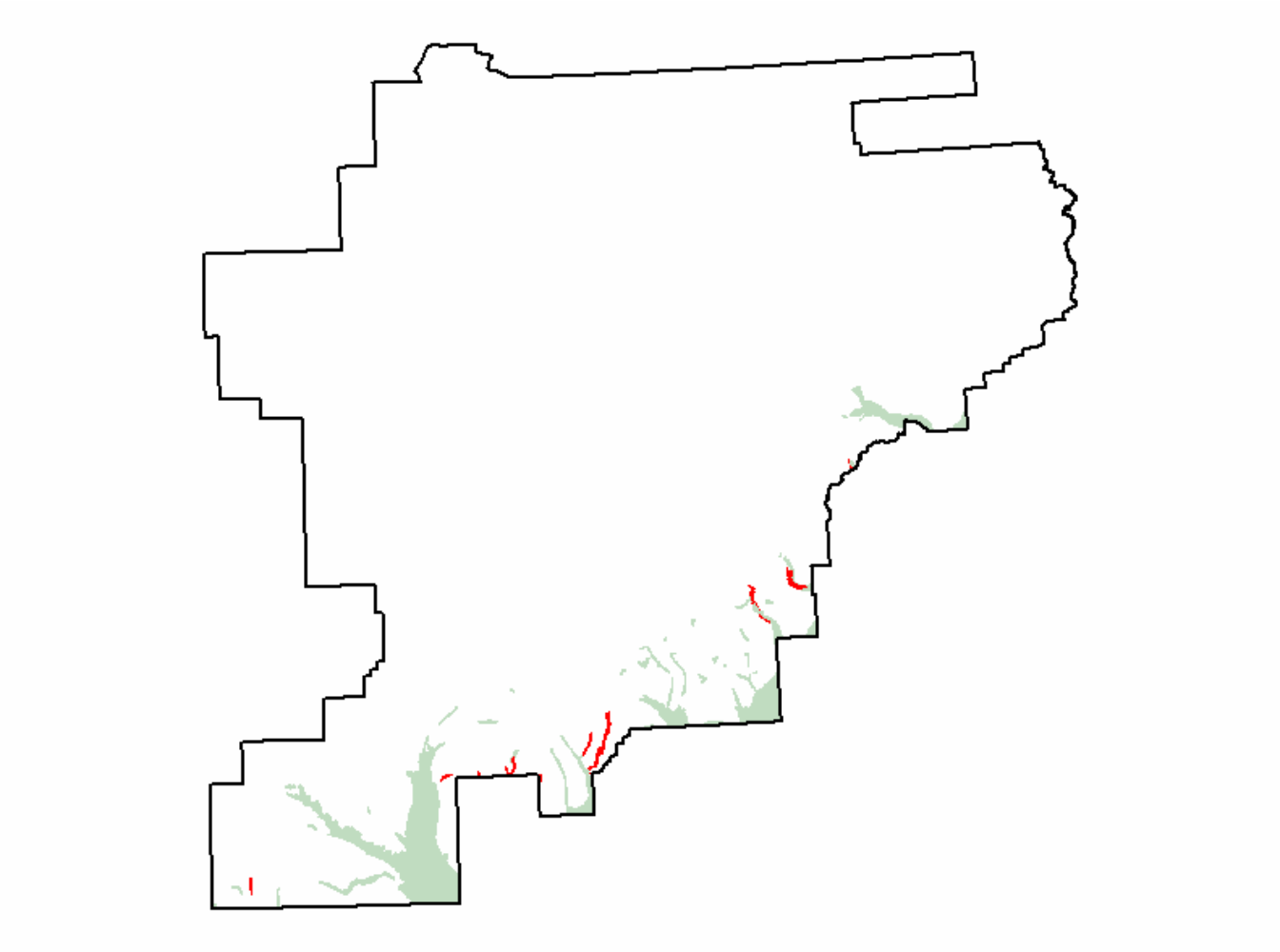
Typical Landscape
Typical Map Unit: 13F22-Alpine Diorite Flood Plains and Wet Mountain Toeslopes
Soil Component: Subalpine-riparian scrub loamy diorite flood plains

Climax Plant Community



Typical Soil Profile

Landtype-Loamy Wet Flood Plains, High Elevation (135A_152) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

Landtype-Loamy Wet Flood Plains, High Elevation (135A_152)

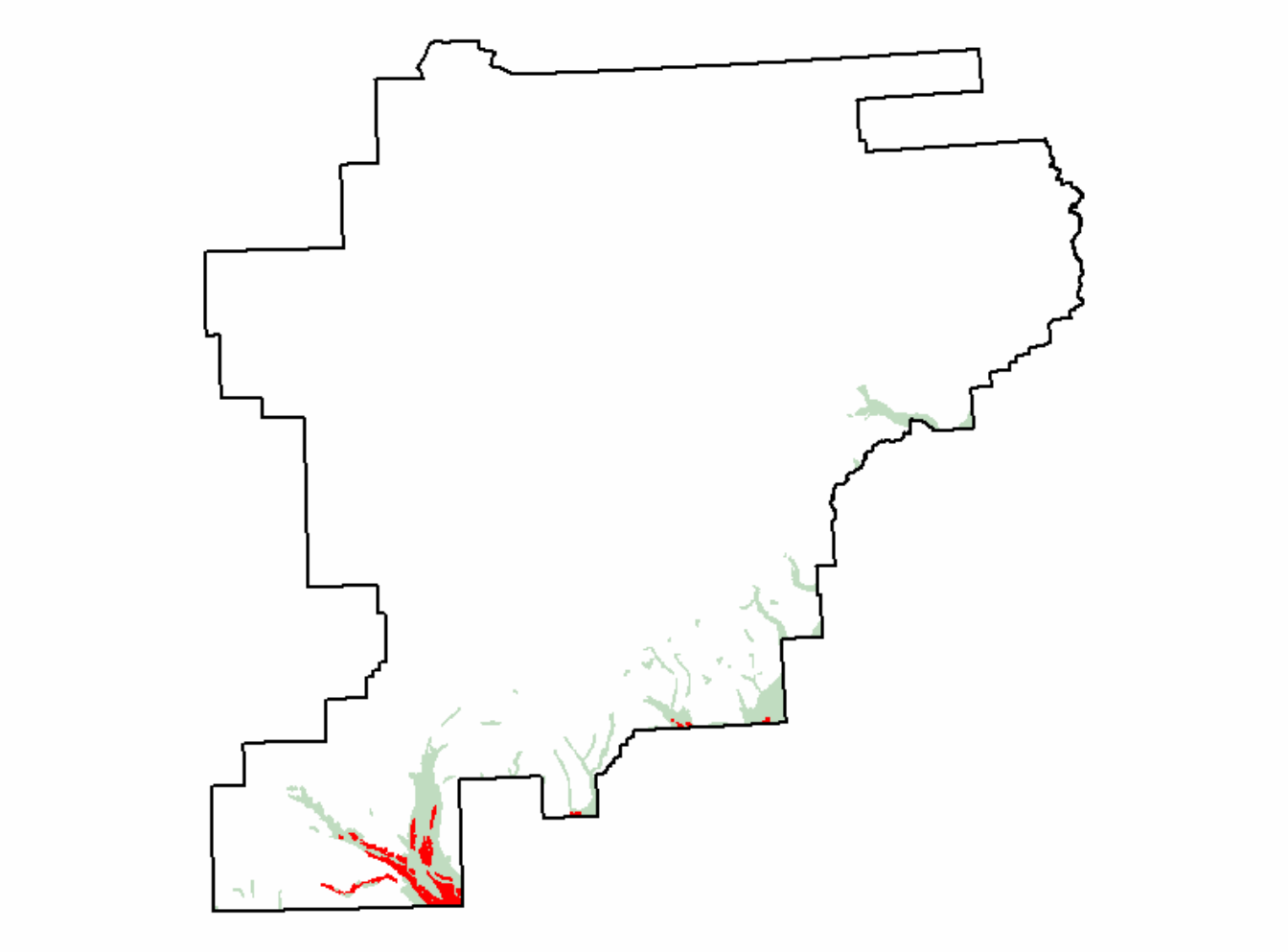
Typical Landscape
Typical Map Unit: 13F21-Subalpine and Alpine Diorite Flood Plains
Soil Component: Alpine-riparian scrub loamy diorite low flood plains, wet

Mid stage of beaver induced secondary succession

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Wet High Flood Plains (135A_156)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

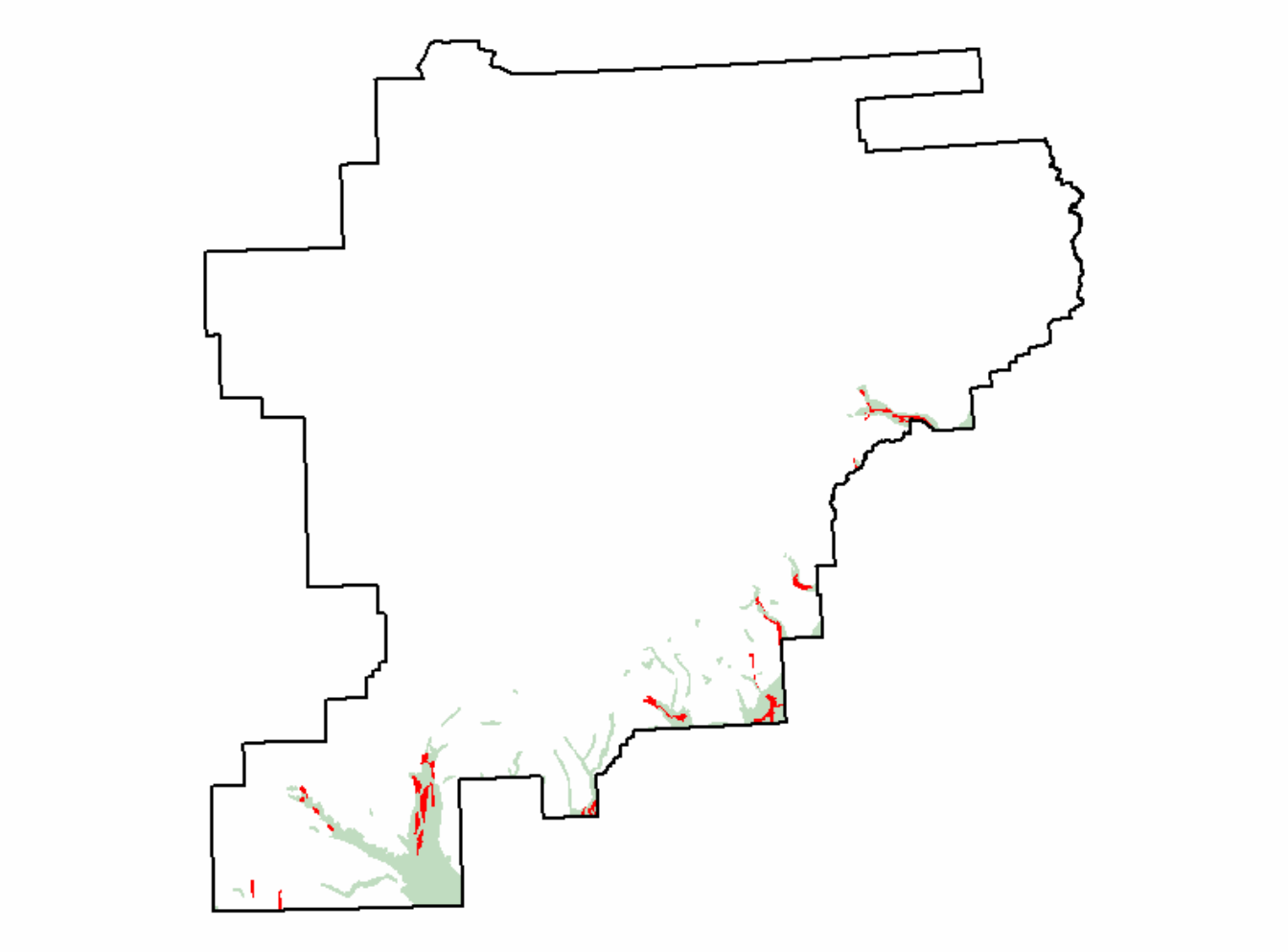
Landtype-Loamy Wet High Flood Plains (135A_156)

Typical Landscape
Typical Map Unit: 13FPW-Boreal Flood Plains and Terraces, Wet
Soil Component: Boreal-riparian forested loamy wet flood plains, Cook Inlet

Climax Plant Community

Typical Soil Profile

Landtype-Gravelly Low Flood Plains (135A_200) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

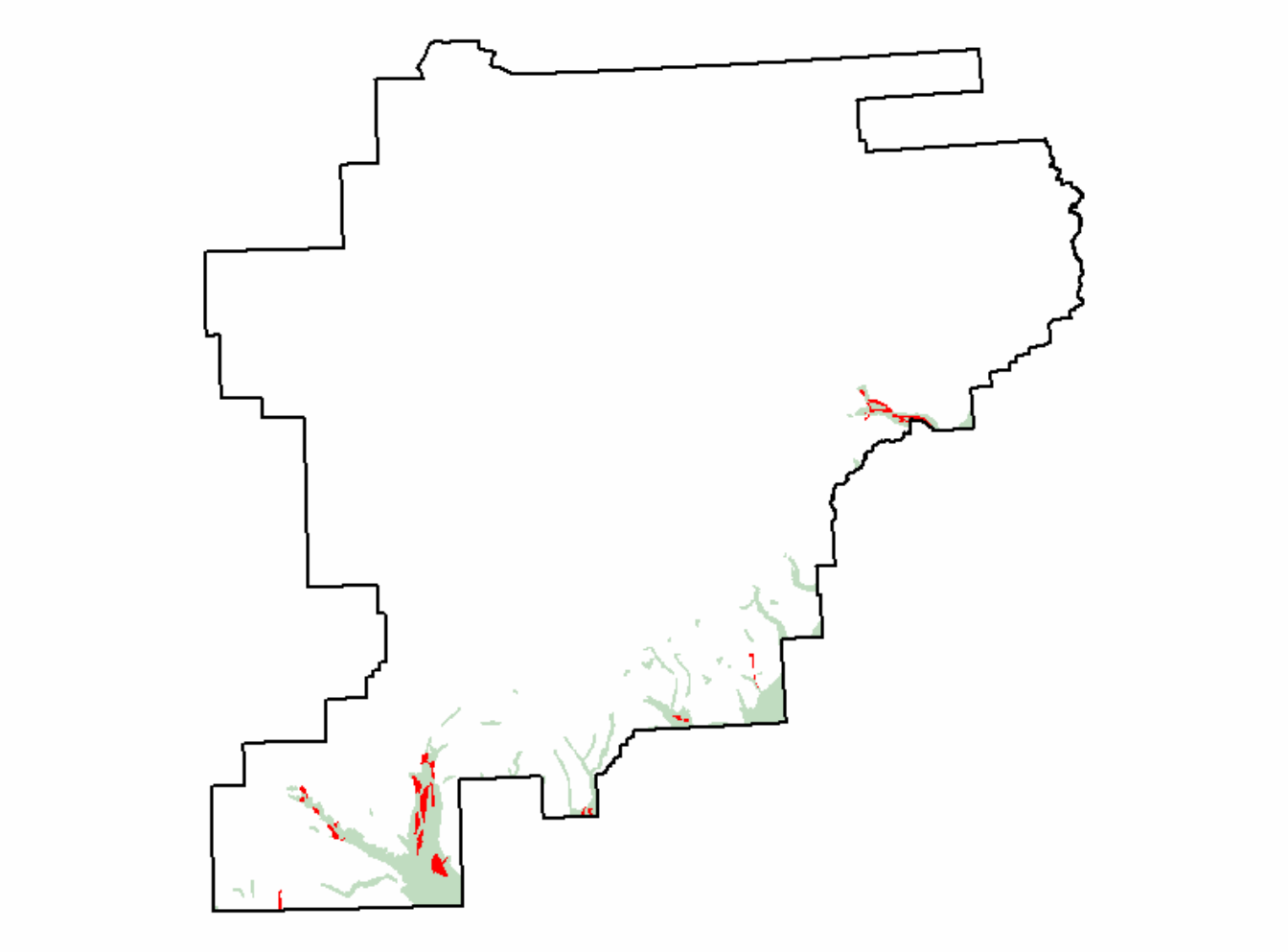
Landtype-Gravelly Low Flood Plains (135A_200)

Typical Landscape
Typical Map Unit: 13FP-Boreal Flood Plains
Soil Component: Boreal-riparian scrub gravelly flood plains, moderately wet and warm

Climax Plant Community

Typical Soil Profile

Landtype-Gravelly Flood Plains (135A_201)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

Landtype-Gravelly Flood Plains (135A_201)

Typical Landscape
Typical Map Unit: 13FP2-Boreal Flood Plains, Dry
Soil Component: Boreal-riparian hardwood forested gravelly flood plains

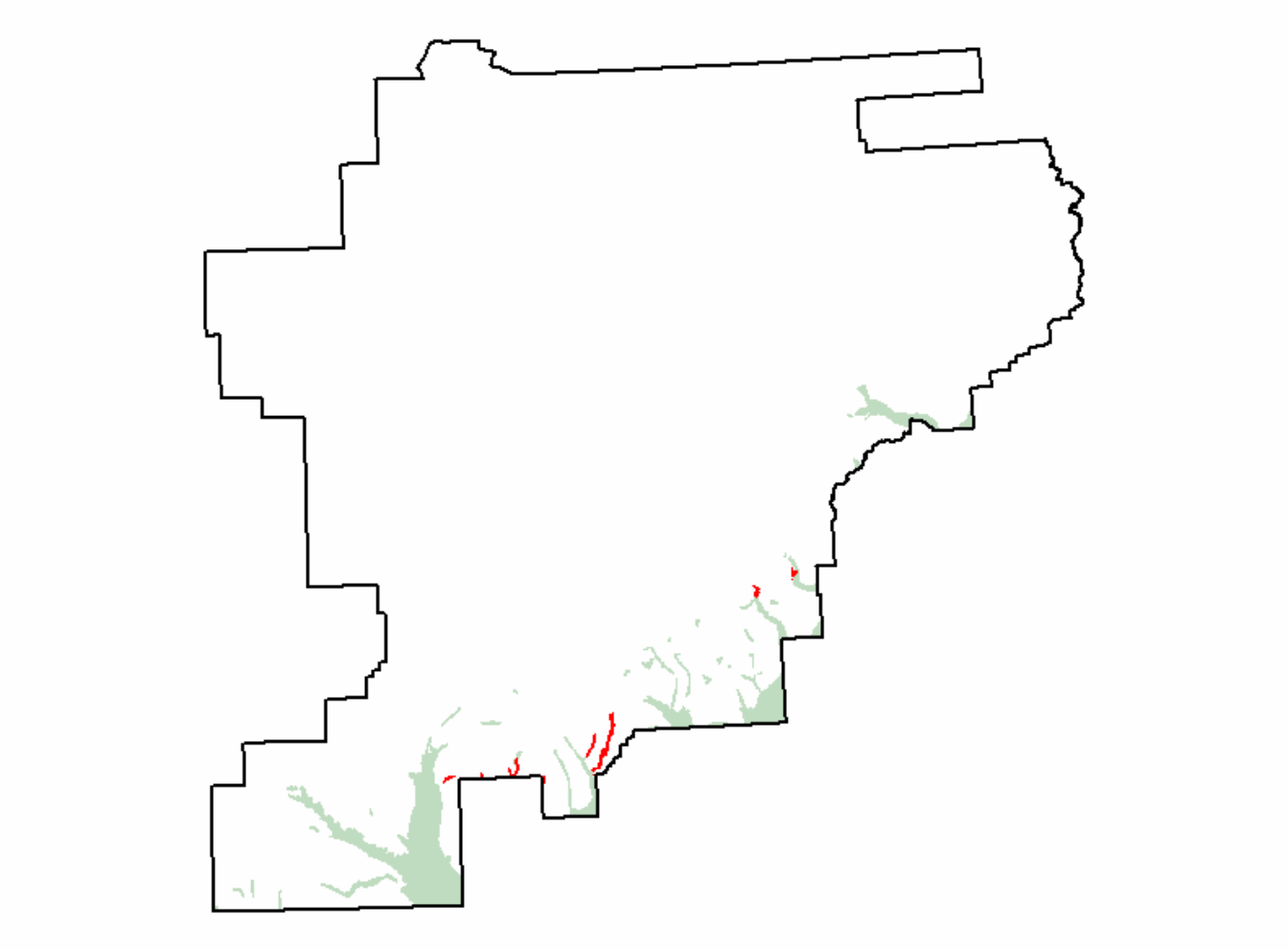
Early stage of primary succession on flood plains

Typical Soil Profile

Mid-stage of primary succession on flood plains

Climax plant community

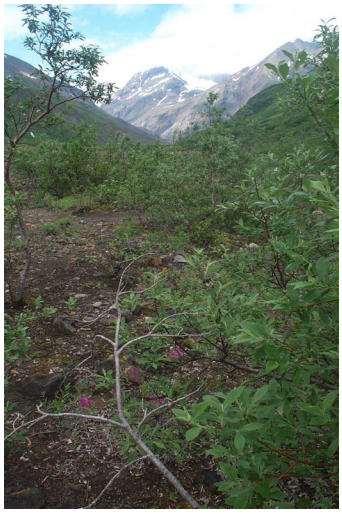
Landtype-Gravelly Flood Plains, Cool (135A_257)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

Landtype-Gravelly Flood Plains, Cool (135A_257)

Typical Landscape
Typical Map Unit: 13F22-Alpine Diorite Flood Plains and Wet Mountain Toeslopes
Soil Component: Alpine-riparian scrub gravelly diorite flood plains

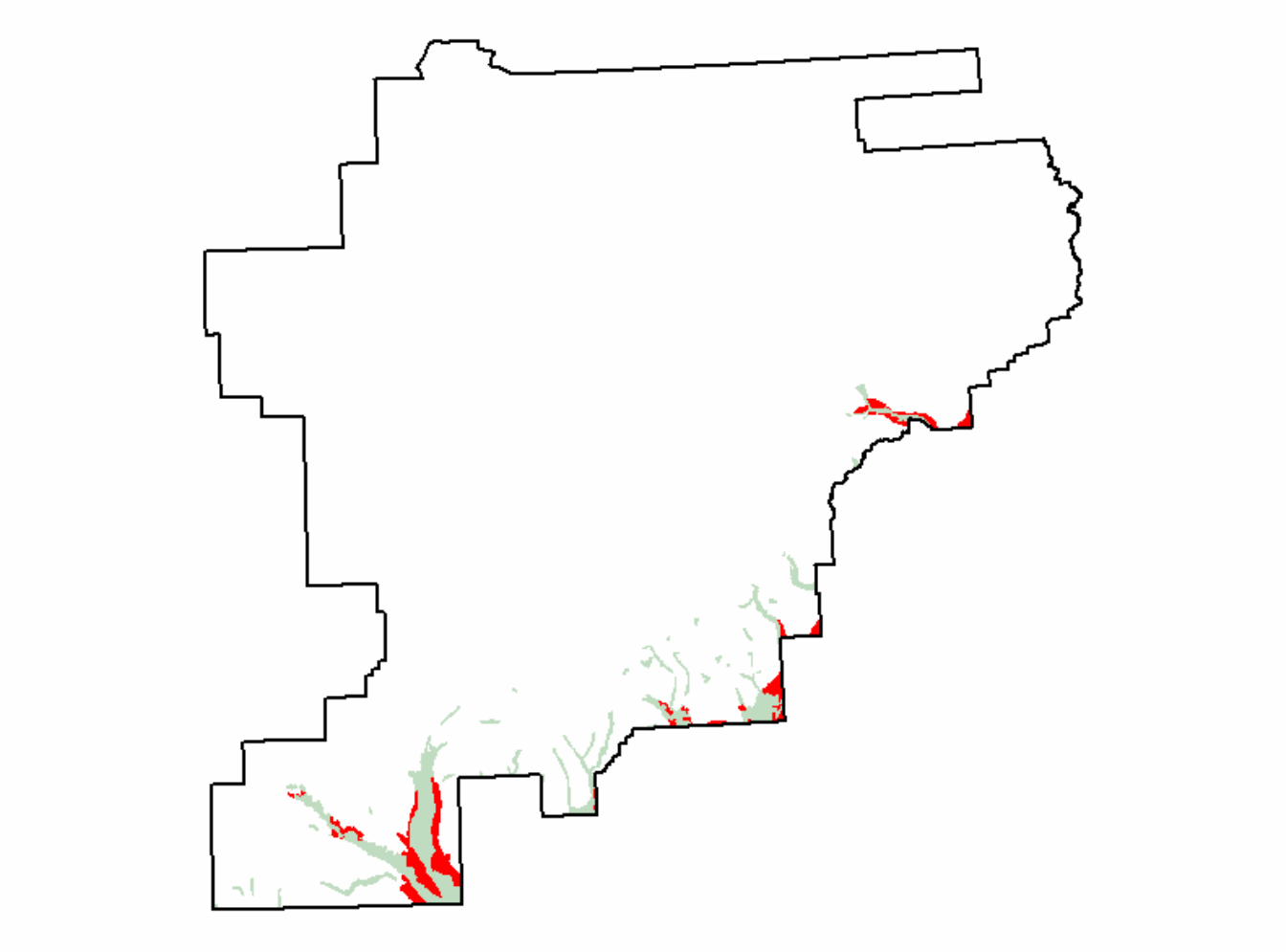


Early stage of primary succession on flood plains

Typical Soil Profile

Climax plant community

Landtype-Till Slopes (135A_359)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

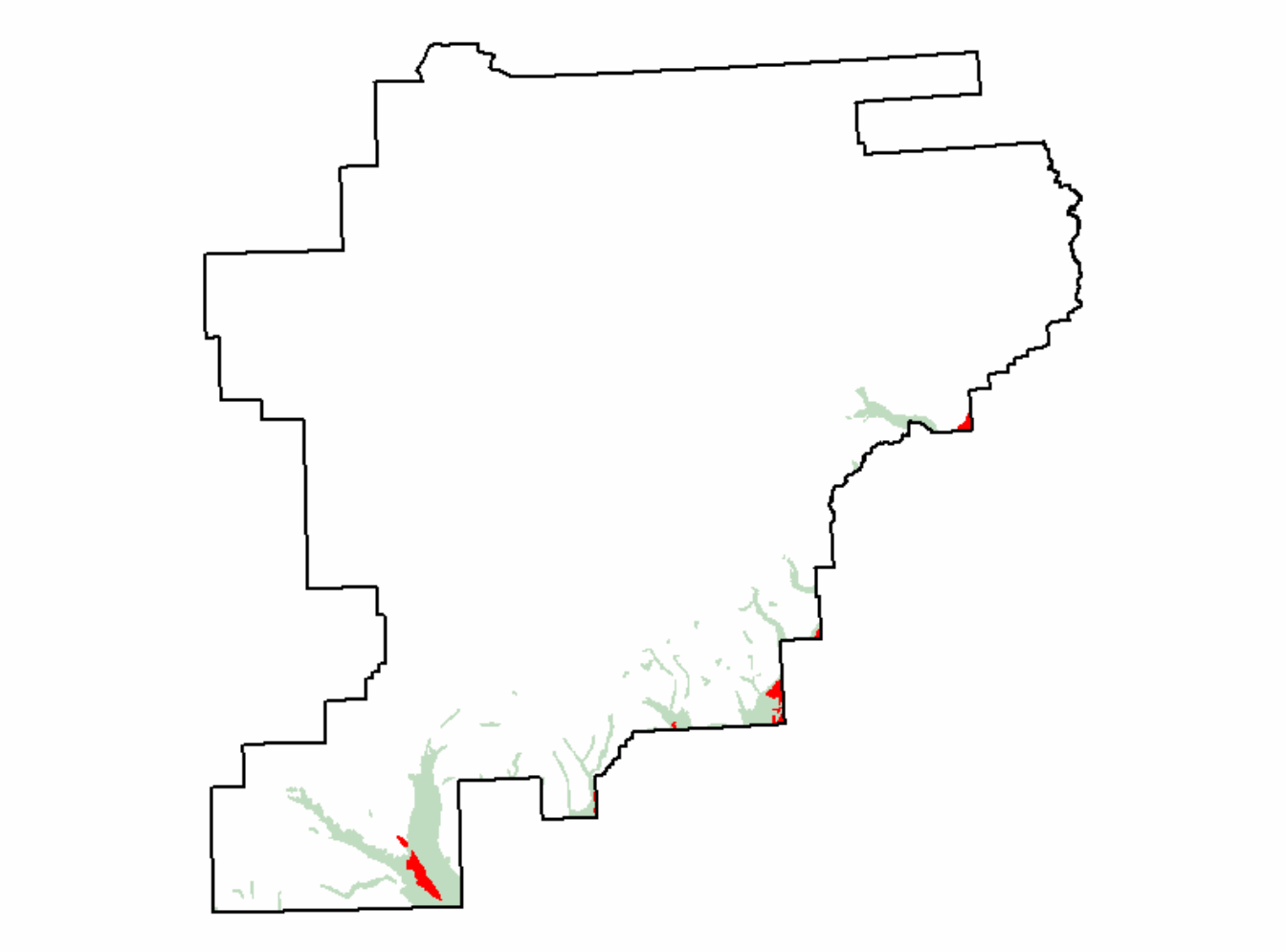
Landtype-Till Slopes (135A_359)

Typical Landscape
Typical Map Unit: 9TMF-Boreal and Subalpine Lower Mountain Slopes
Soil Component: Boreal-forested silty till slopes, ash influenced, warm

Climax Plant Community

Typical Soil Profile

Landtype-Till Slopes, Wet (135A_362)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

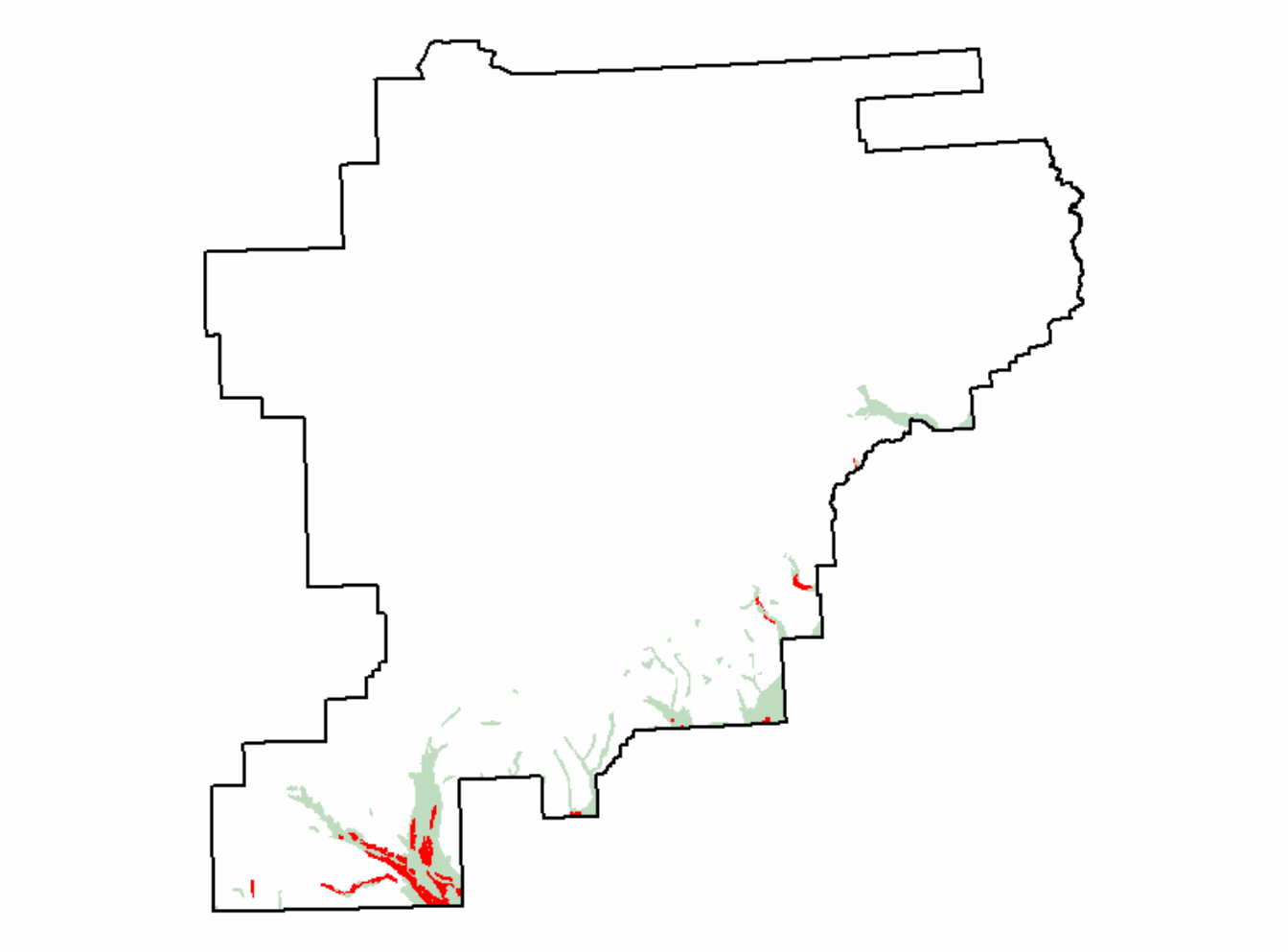
Landtype-Till Slopes, Wet (135A_362)

Typical Landscape
Typical Map Unit: 12HS2-Boreal Glaciated Hills and Plains
Soil Component: Boreal-forested silty wet till slopes, ash influenced

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Wet Flood Plains (135A_500)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

Landtype-Loamy Wet Flood Plains (135A_500)

Typical Landscape
Typical Map Unit: 13FPW-Boreal Flood Plains and Terraces, Wet
Soil Component: Boreal-riparian scrub loamy wet flood plains, Cook Inlet

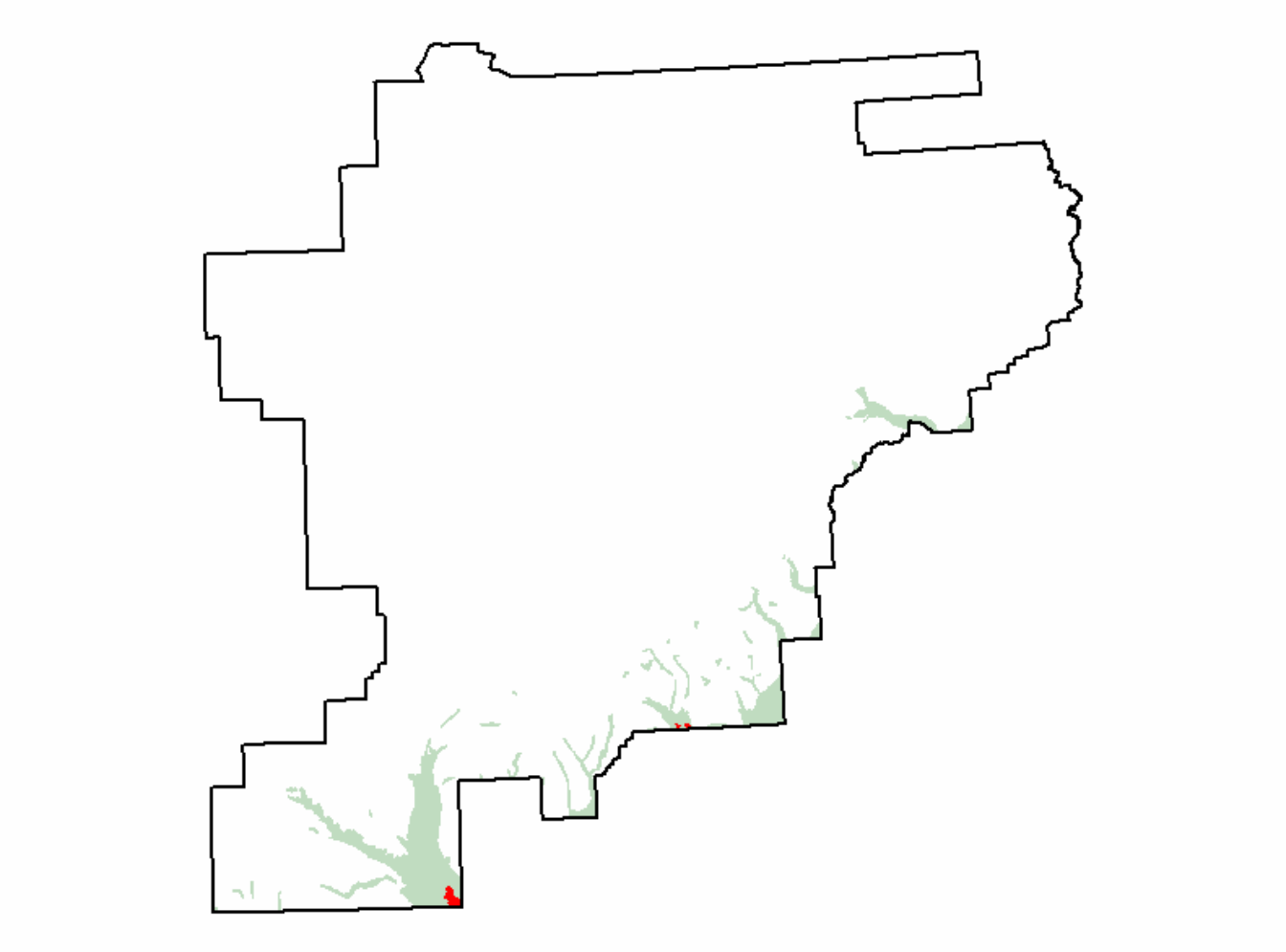
Mid stage of beaver induced secondary succession

Typical Soil Profile

Climax Plant Community

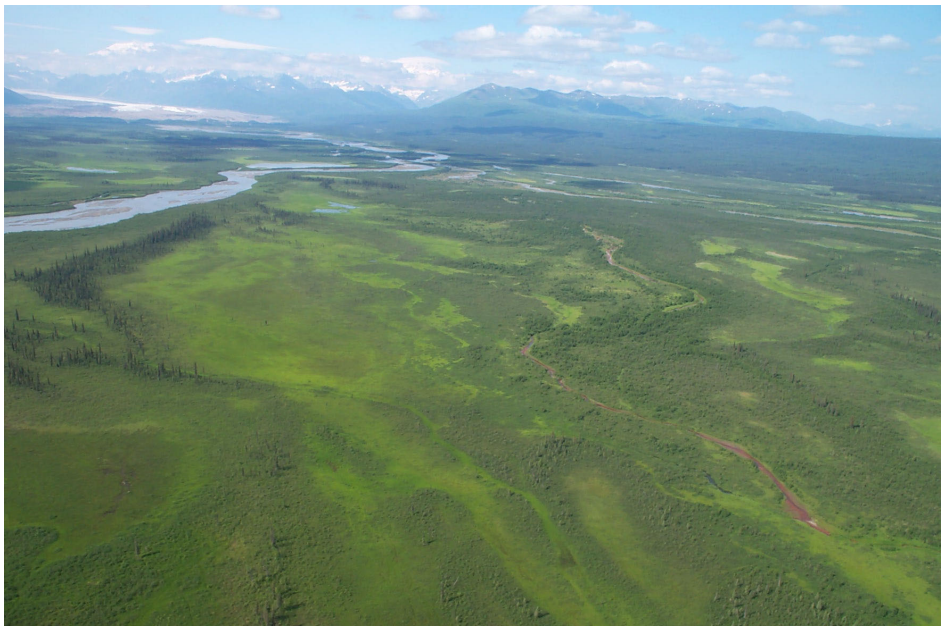
Climax plant community on wetter microsite

Landtype-Organic High Flood Plains, Very Wet (135A_501)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

Landtype-Organic High Flood Plains, Very Wet (135A_501)

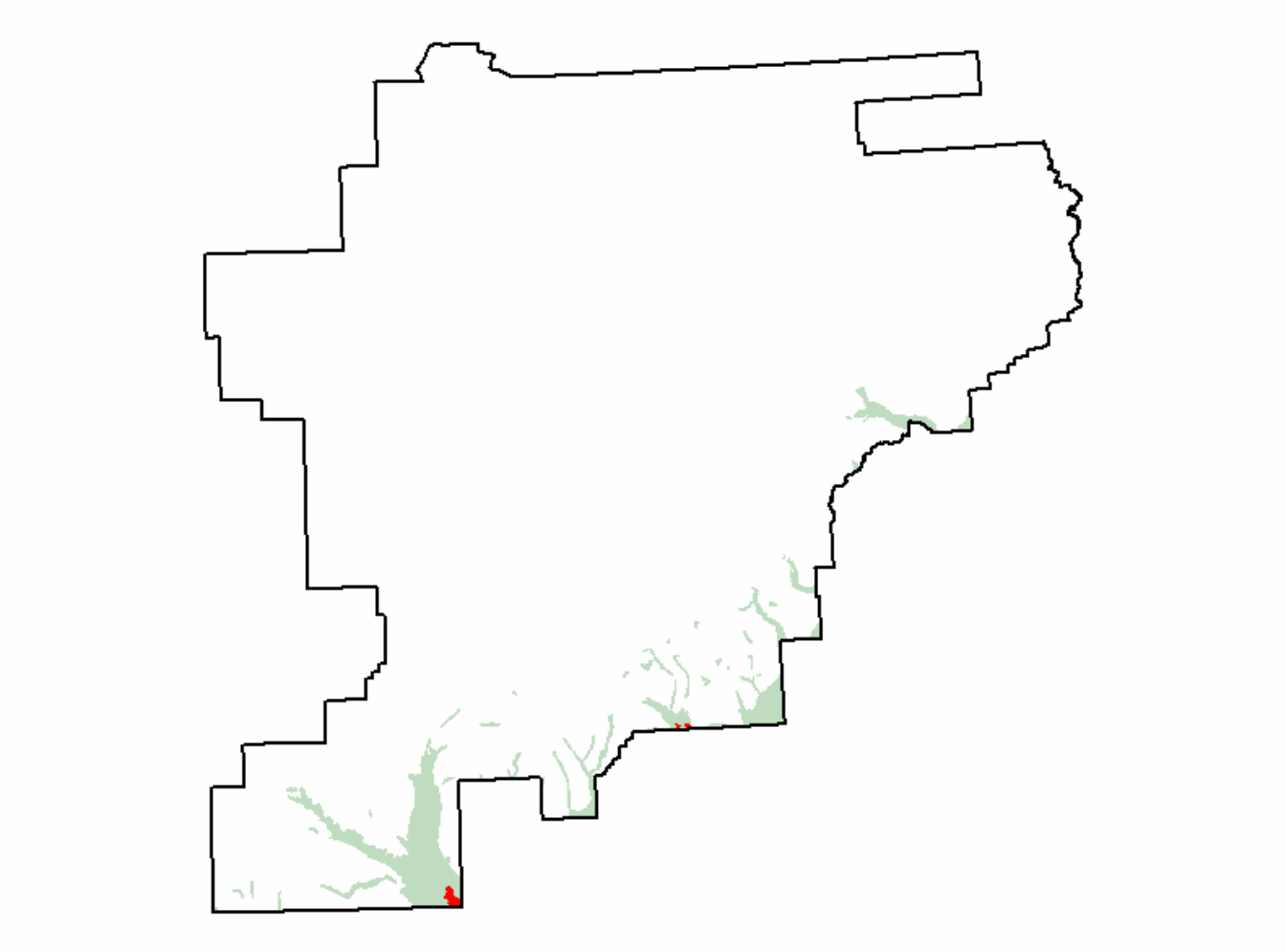


Typical Landscape
Typical Map Unit: 13FWW-Boreal Flood Plains, Very Wet
Soil Component: Boreal-riparian wet meadow organic flood plains, Cook Inlet

Climax Plant Community

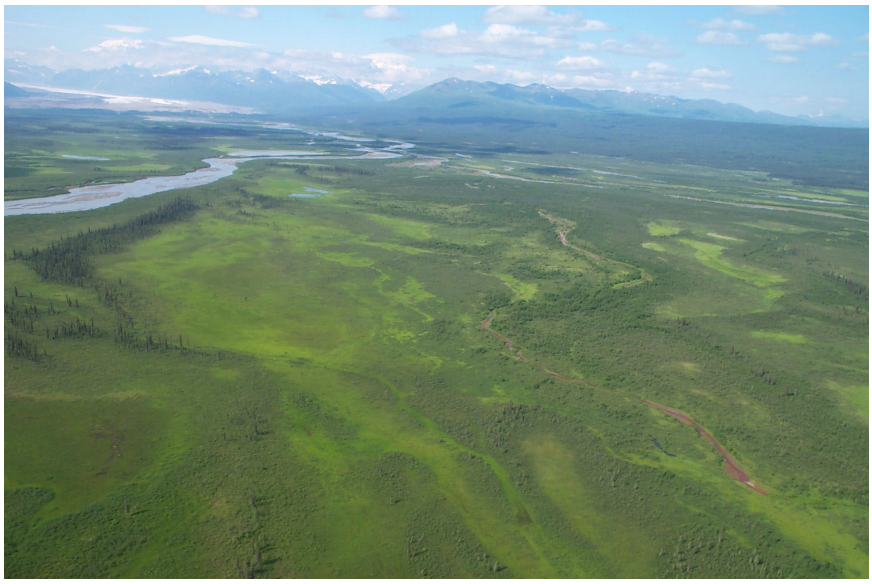
Typical Soil Profile

Landtype-Organic High Flood Plains (135A_502)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

Landtype-Organic High Flood Plains (135A_502)

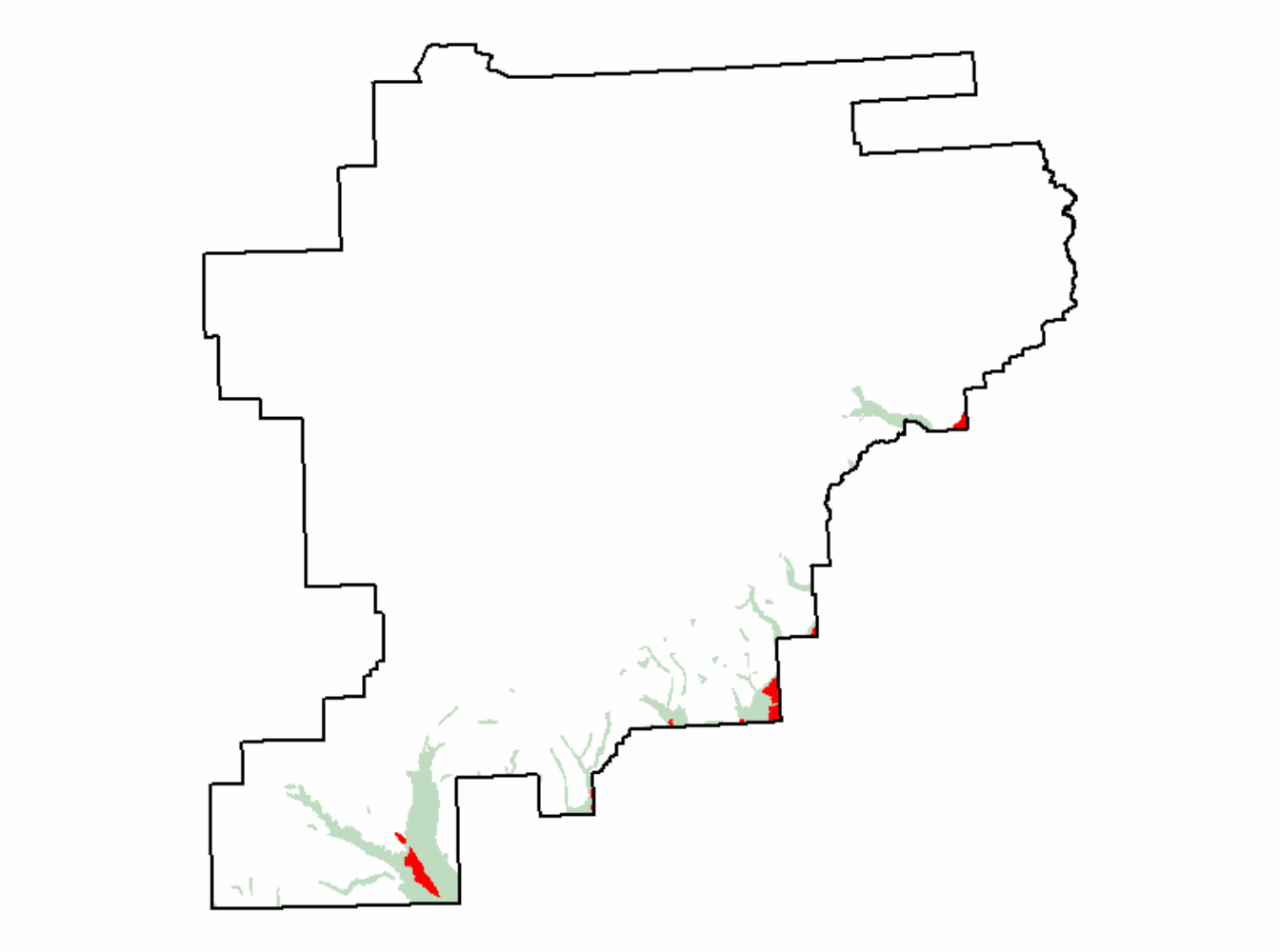


Typical Landscape
Typical Map Unit: 13FWW-Boreal Flood Plains, Very Wet
Soil Component: Boreal-riparian scrub organic flood plains, wet

Climax Plant Community

Typical Soil Profile

Landtype-Organic Depressions, Very Wet (135A_534)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

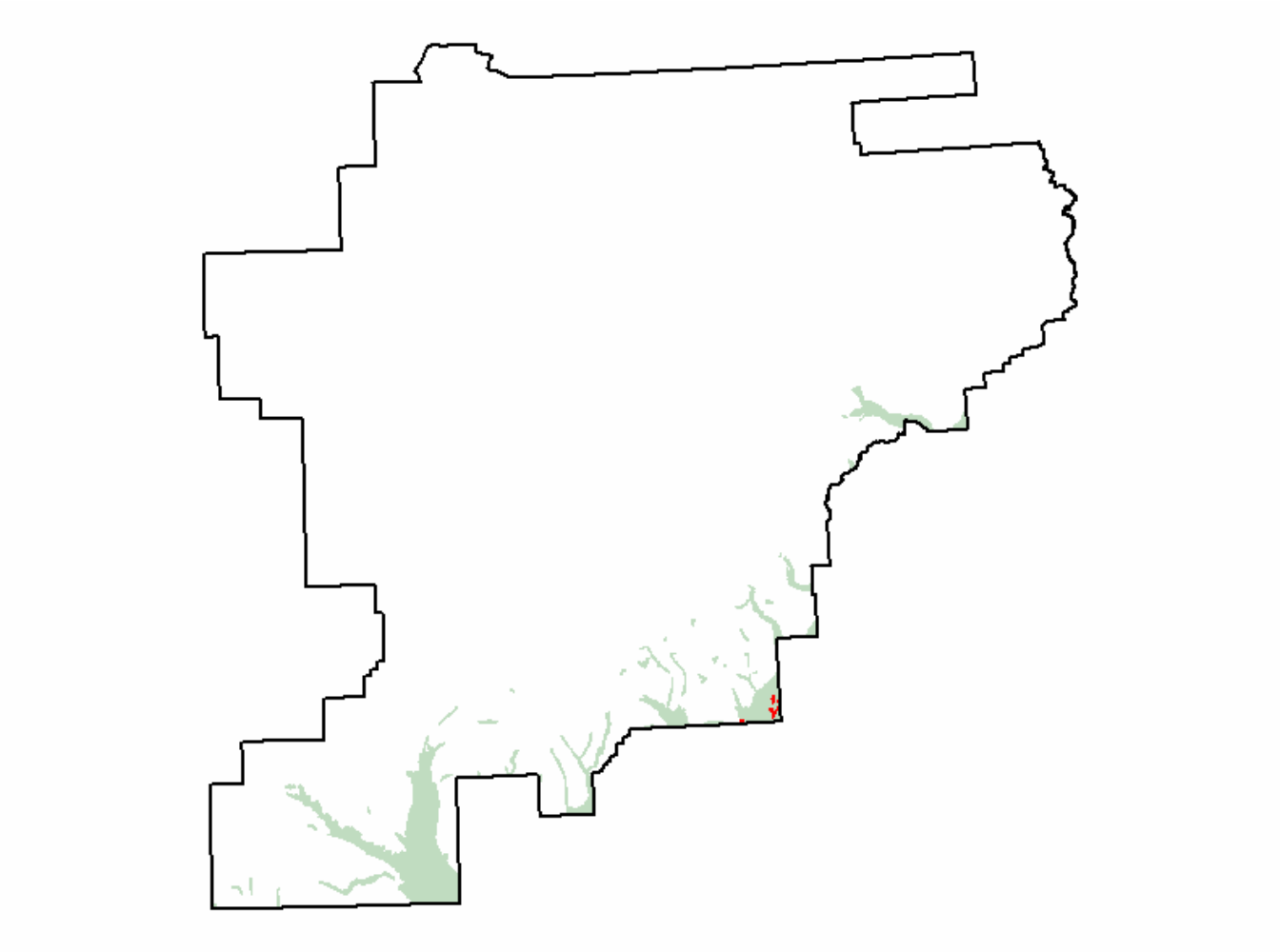
Landtype-Organic Depressions, Very Wet (135A_534)

Typical Landscape
Typical Map Unit: 12HS2-Boreal Glaciated Hills and Plains
Soil Component: Boreal-sedge bog organic depressions

Climax Plant Community

Typical Soil Profile

Landtype-Organic Depressions (135A_535)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

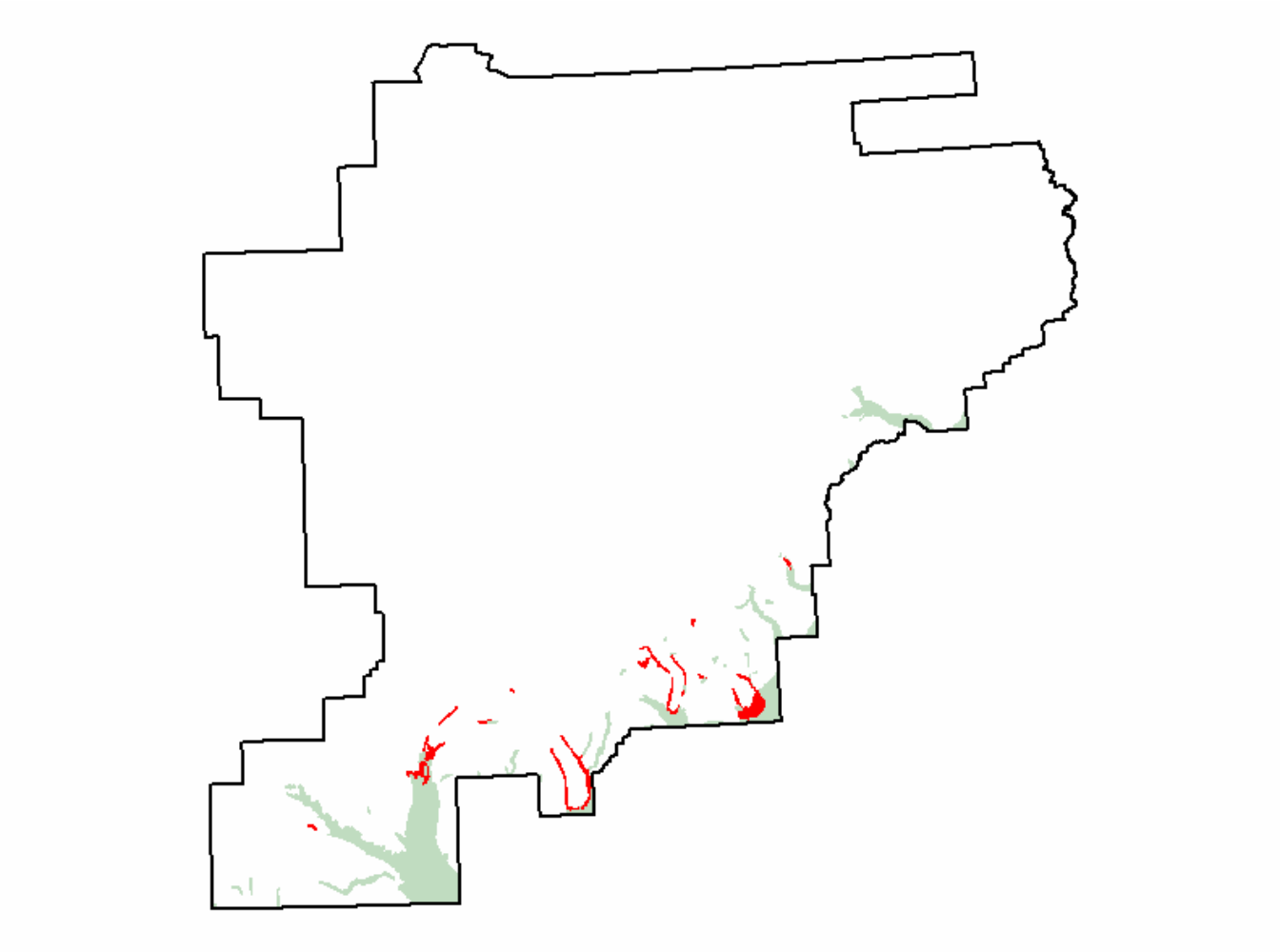
Landtype-Organic Depressions (135A_535)

Typical Landscape
Typical Map Unit: 12B-Boreal Bogs
Soil Component: Boreal-woodland bog organic depressions

Potential Plant Community

Typical Soil Profile

Landtype-Moraines, Ice Cored (135A_803)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Cook Inlet Lowlands Section is illustrated in gray.

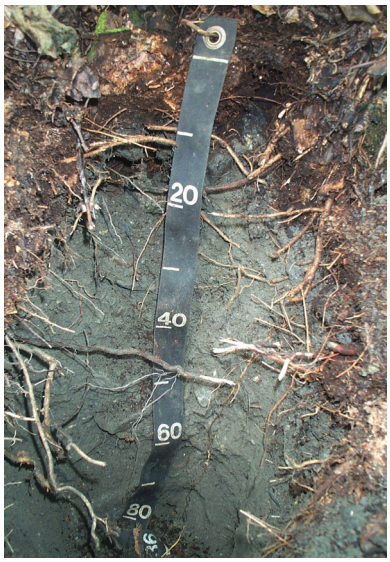
Landtype-Moraines, Ice Cored (135A_803)

Typical Landscape
Typical Map Unit: 9CE-Alpine, Subalpine and Boreal Recent Moraines
Soil Component: Boreal-woodland gravelly moraines

Climax plant community

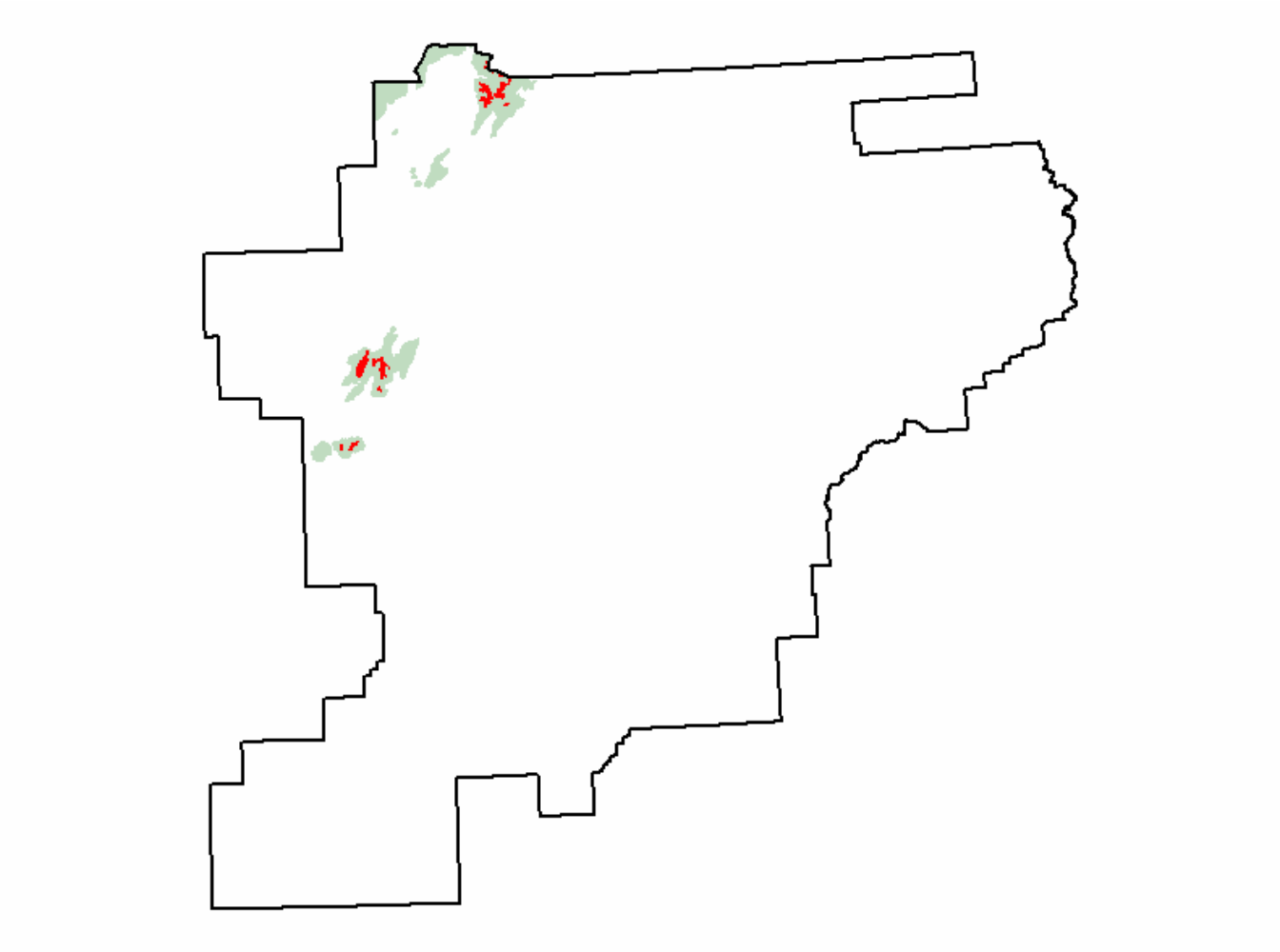
Mid-stage of primary succession on moraines

Post climax plant community



Typical Soil Profile

Landtype-Gravelly Frozen Slopes, Wet (M131B_179)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Kuskokwim Mountains Section is illustrated in gray.

Landtype-Gravelly Frozen Slopes, Wet (M131B_179)

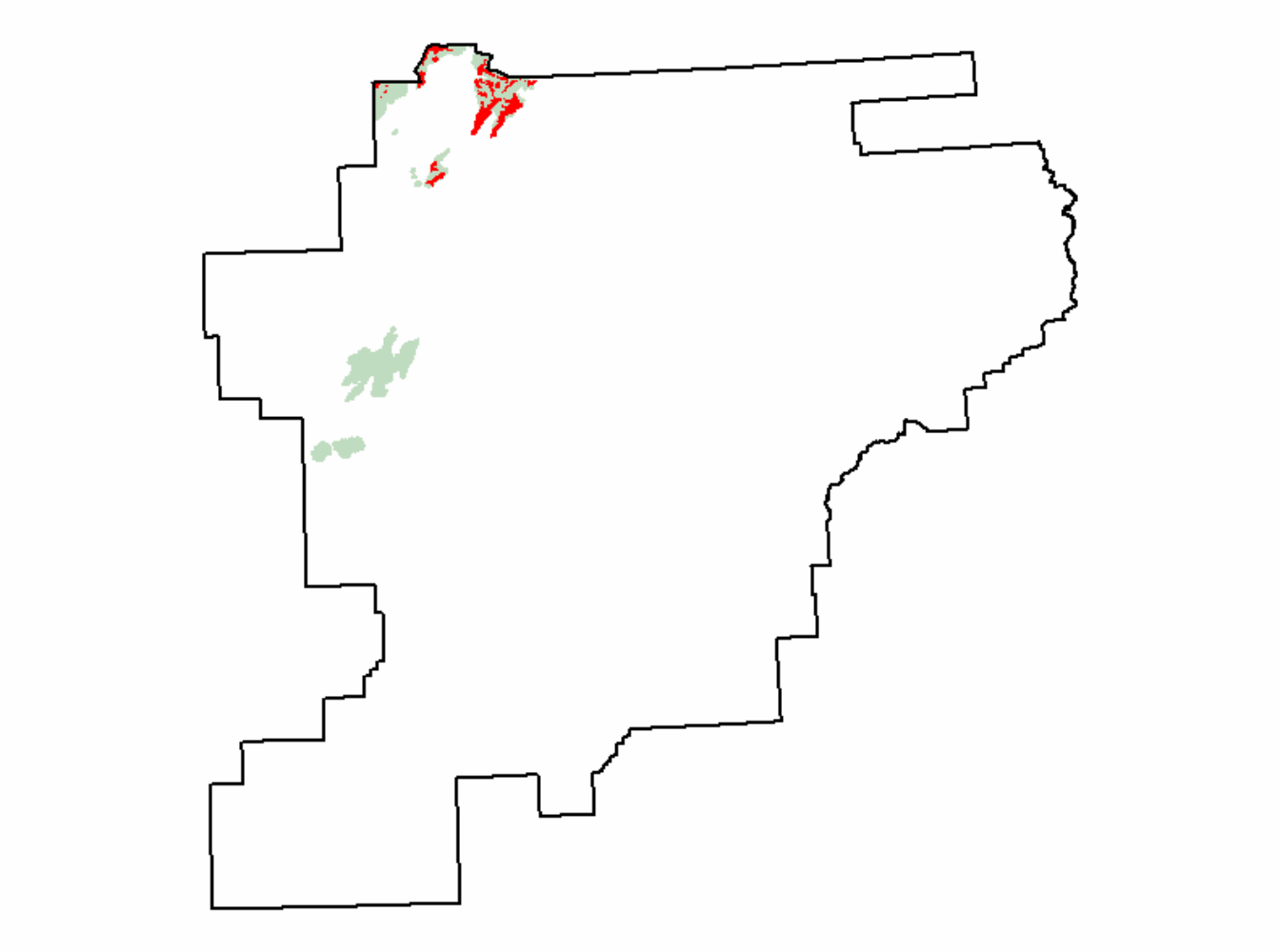
Typical Landscape

Typical Map Unit: 4S1-Alpine Low Schist Mountain Summits with Continuous Permafrost
Soil Component: Alpine-tussock-scrub mica rich silty slopes, Kuskokwim Mountains

Climax Plant Community

Typical Soil Profile

Landtype-Silty Slopes (M131B_349)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Kuskokwim Mountains Section is illustrated in gray.

Landtype-Silty Slopes (M131B_349)

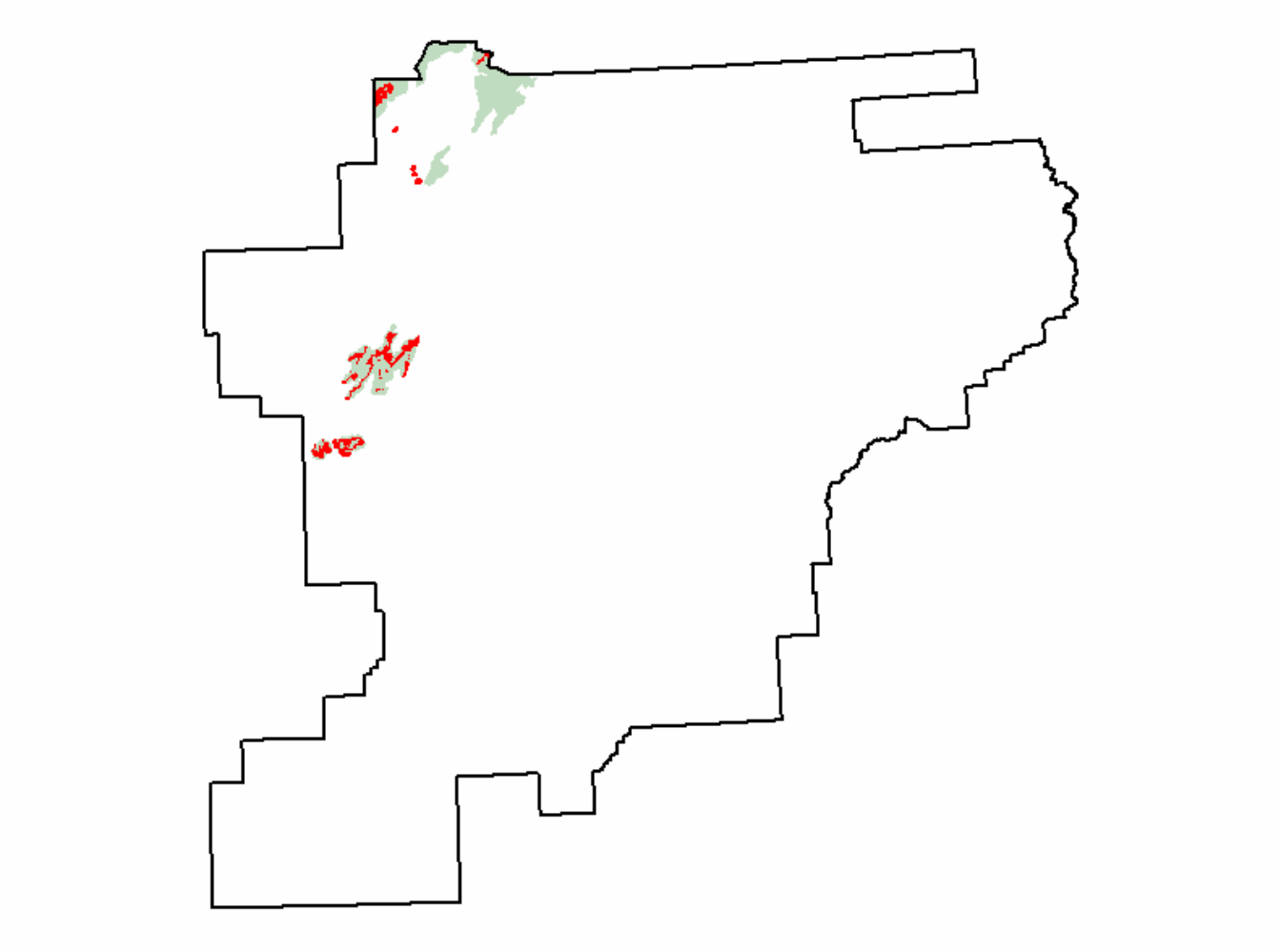
Typical Landscape
Typical Map Unit: 4BSS-Boreal Mica-Rich Low Mountains
Soil Component: Boreal-forested mica-rich silty loess slopes

Late stage of fire induced secondary succession

Typical Soil Profile

Climax Plant Community

Landtype-Silty Slopes, Cool (M131B_355)
Distribution Map and Photos



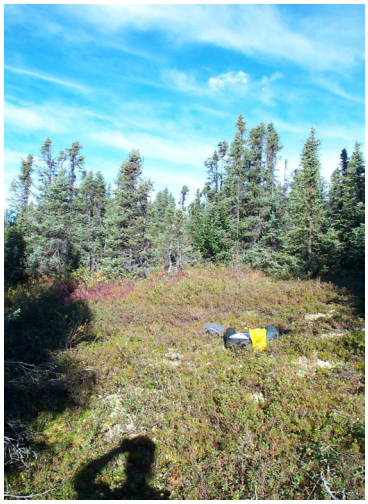
Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Kuskokwim Mountains Section is illustrated in gray.

Landtype-Silty Slopes, Cool (M131B_355)

Typical Landscape
Typical Map Unit: 4BS-Boreal Schist Mountain Backslopes with Discontinuous Permafrost
Soil Component: Boreal-taiga mica-rich silty loess slopes

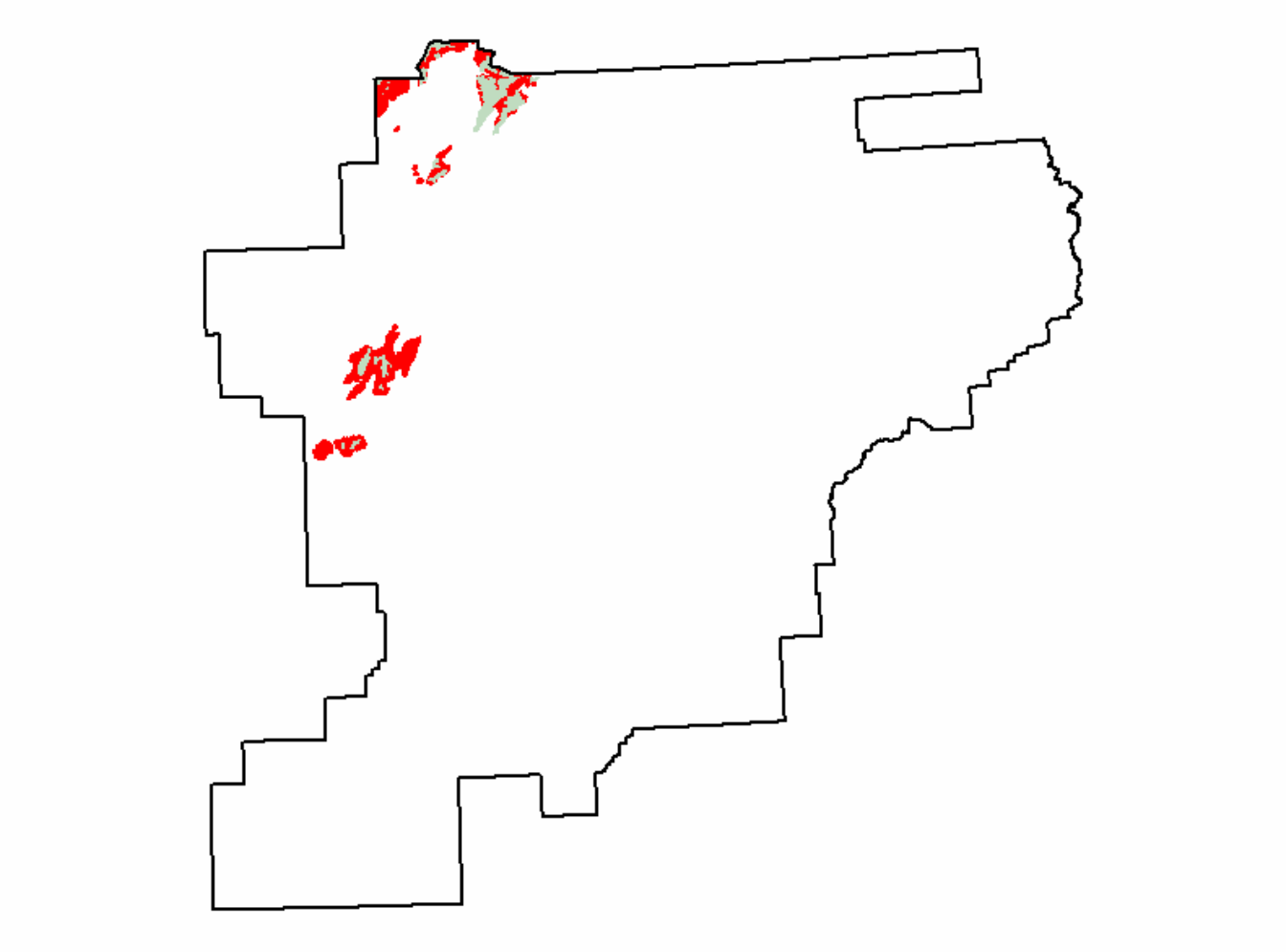
Late stage of fire induced secondary succession

Typical soil profile



Climax Plant Community

Landtype-Loamy Frozen Slopes (M131B_400)
Distribution Map and Photos

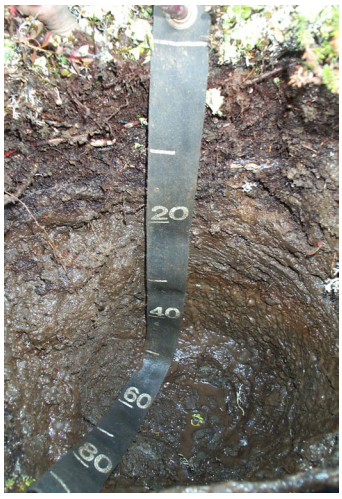


Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Kuskokwim Mountains Section is illustrated in gray.

Landtype-Loamy Frozen Slopes (M131B_400)

Typical Landscape
Typical Map Unit: 4FS-Boreal Mica-Rich Low Mountain Footslopes
with Continuous Permafrost
Soil Component: Boreal-taiga mica-rich silty frozen colluvial slopes, Kuskokwim Mountains

Climax Plant Community

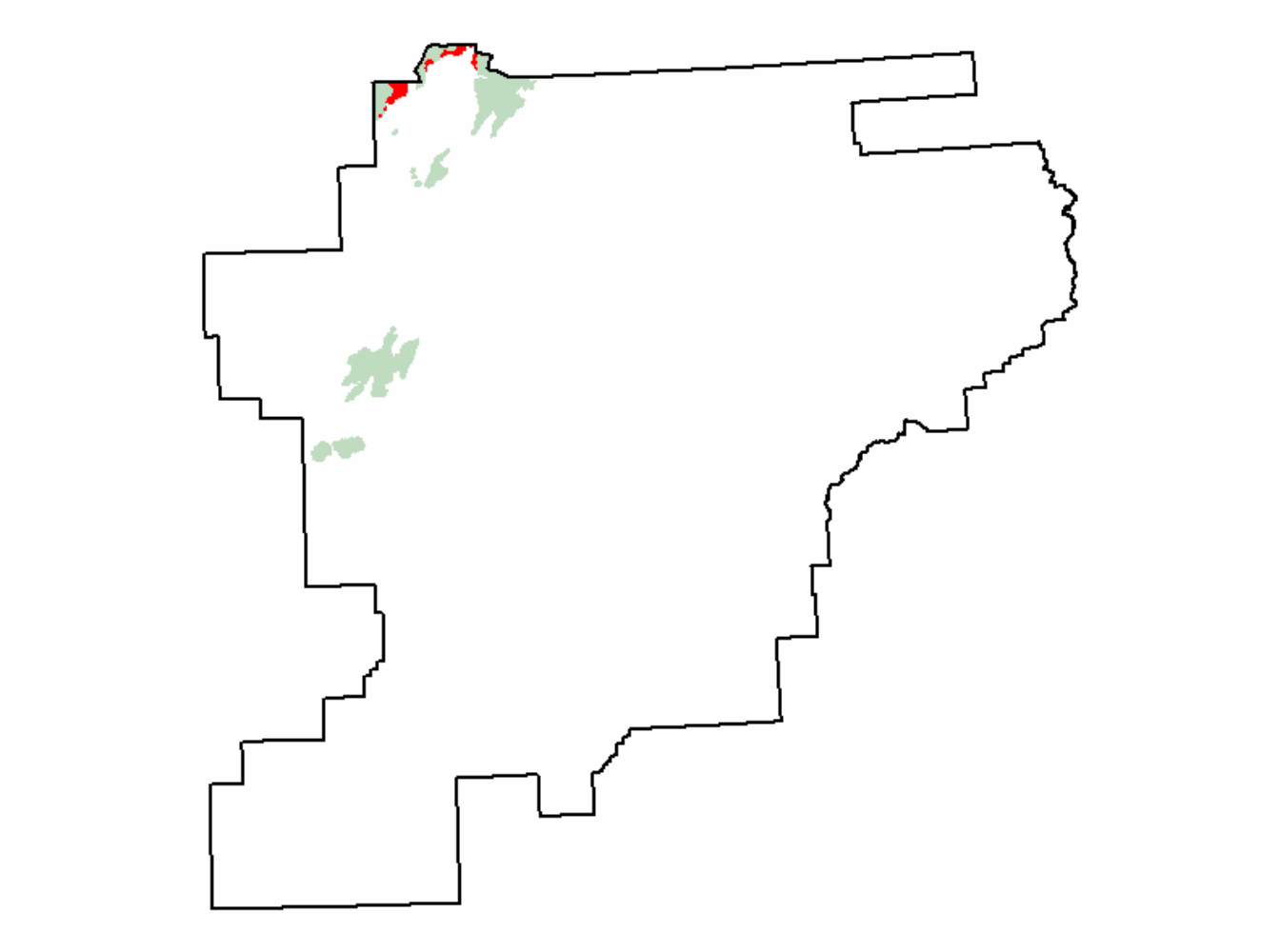


Typical Soil Profile

Early stage of fire induced secondary succession

Late stage of fire induced secondary succession

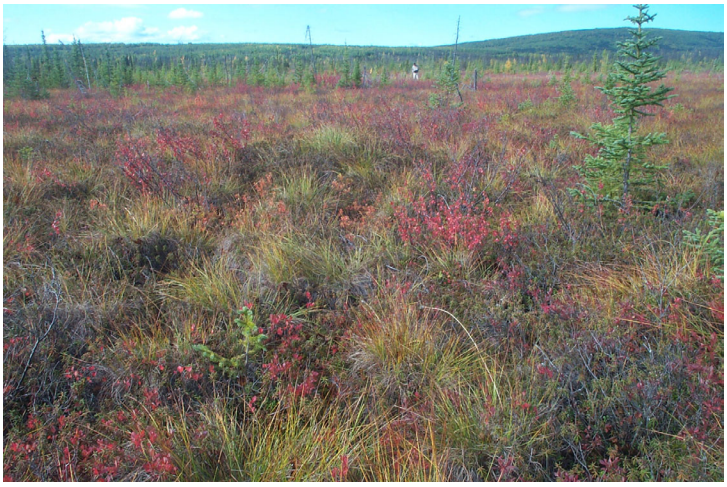
Landtype-Loamy Frozen Slopes, Very Wet (M131B_403)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Kuskokwim Mountains Section is illustrated in gray.

Landtype-Loamy Frozen Slopes, Very Wet M131B_403

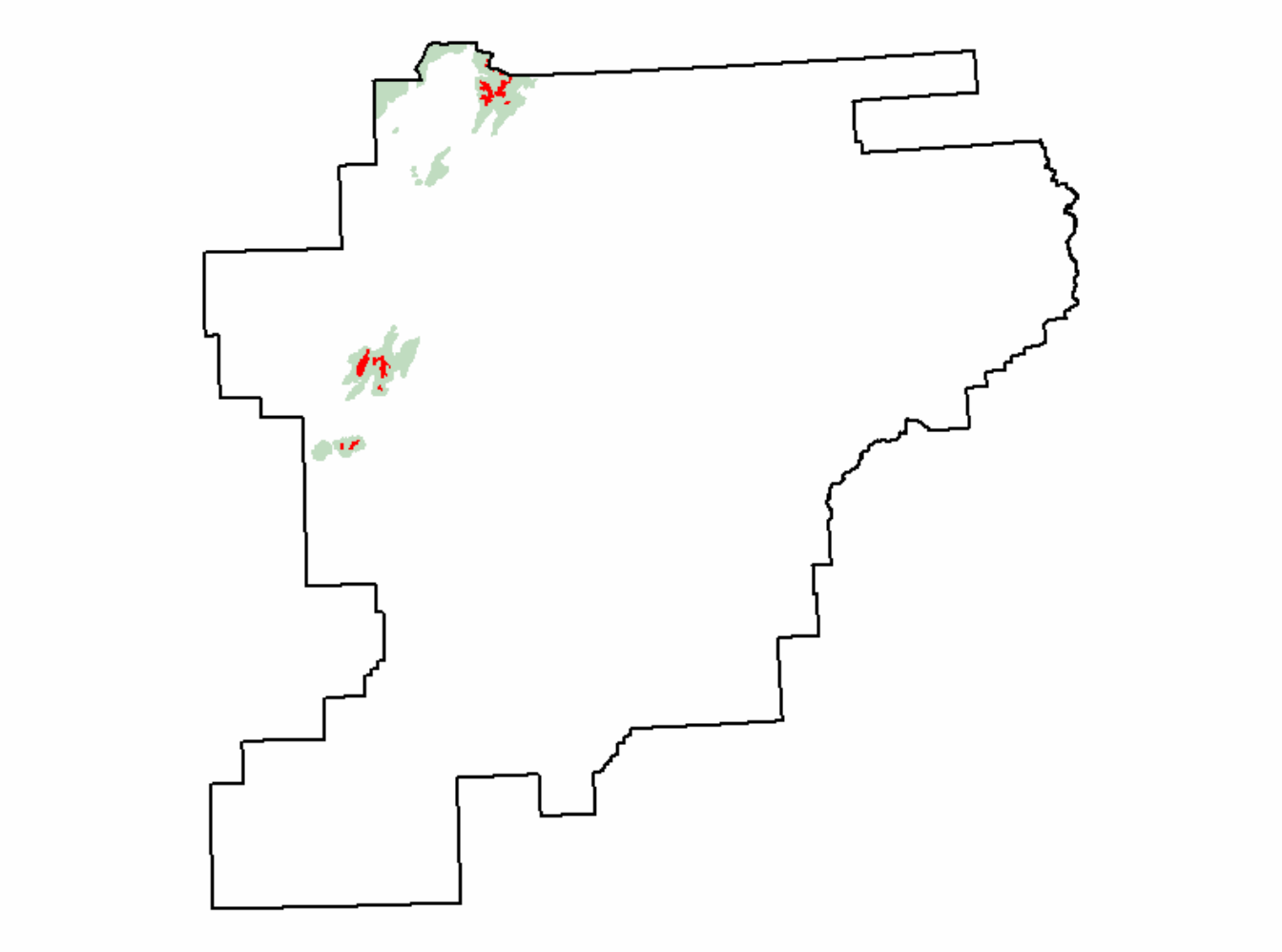
Typical Landscape
Typical Map Unit: 4TS-Boreal Mica-Rich Mountain Toeslopes with Continuous Permafrost
Soil Component: Boreal-tussock-scrub mica-rich silty loess slopes, frozen



Climax Plant Community

Typical Soil Profile

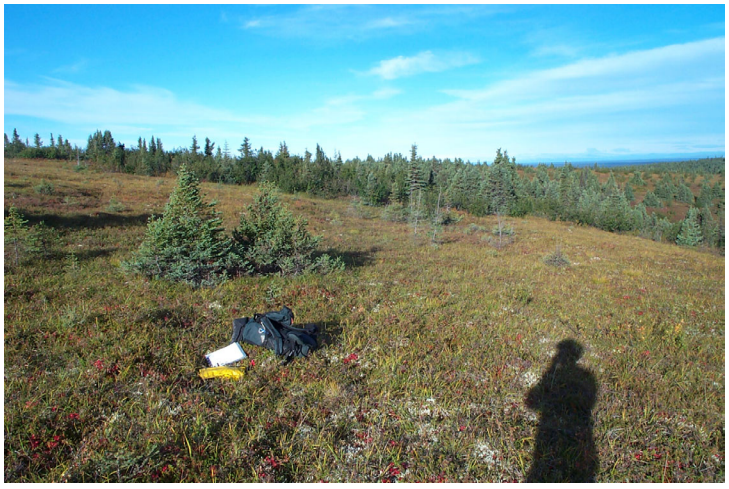
Landtype-Loamy Frozen Slopes, High Elevation (M131B_415) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Kuskokwim Mountains Section is illustrated in gray.

Landtype-Loamy Frozen Slopes, High Elevation (M131B_415)

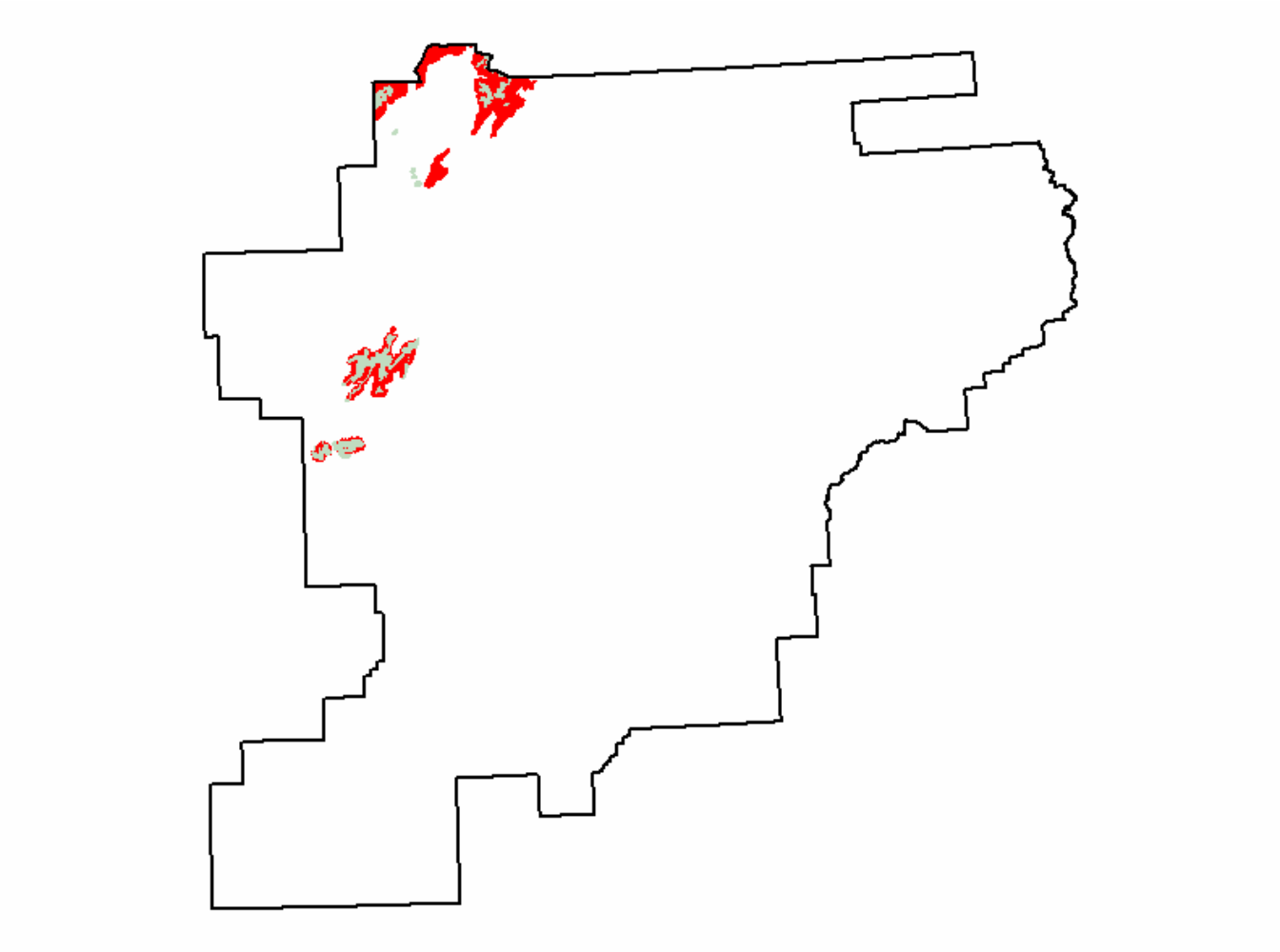
Typical Landscape
Typical Map Unit: 4S1-Alpine Low Schist Mountain Summits with Continuous Permafrost
Soil Component: Alpine-scrub-sedge gravelly schist hummocks, frozen



Climax Plant Community

Typical Soil Profile

Landtype-Silty Drainages, Frozen (M131B_504)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the Kuskokwim Mountains Section is illustrated in gray.

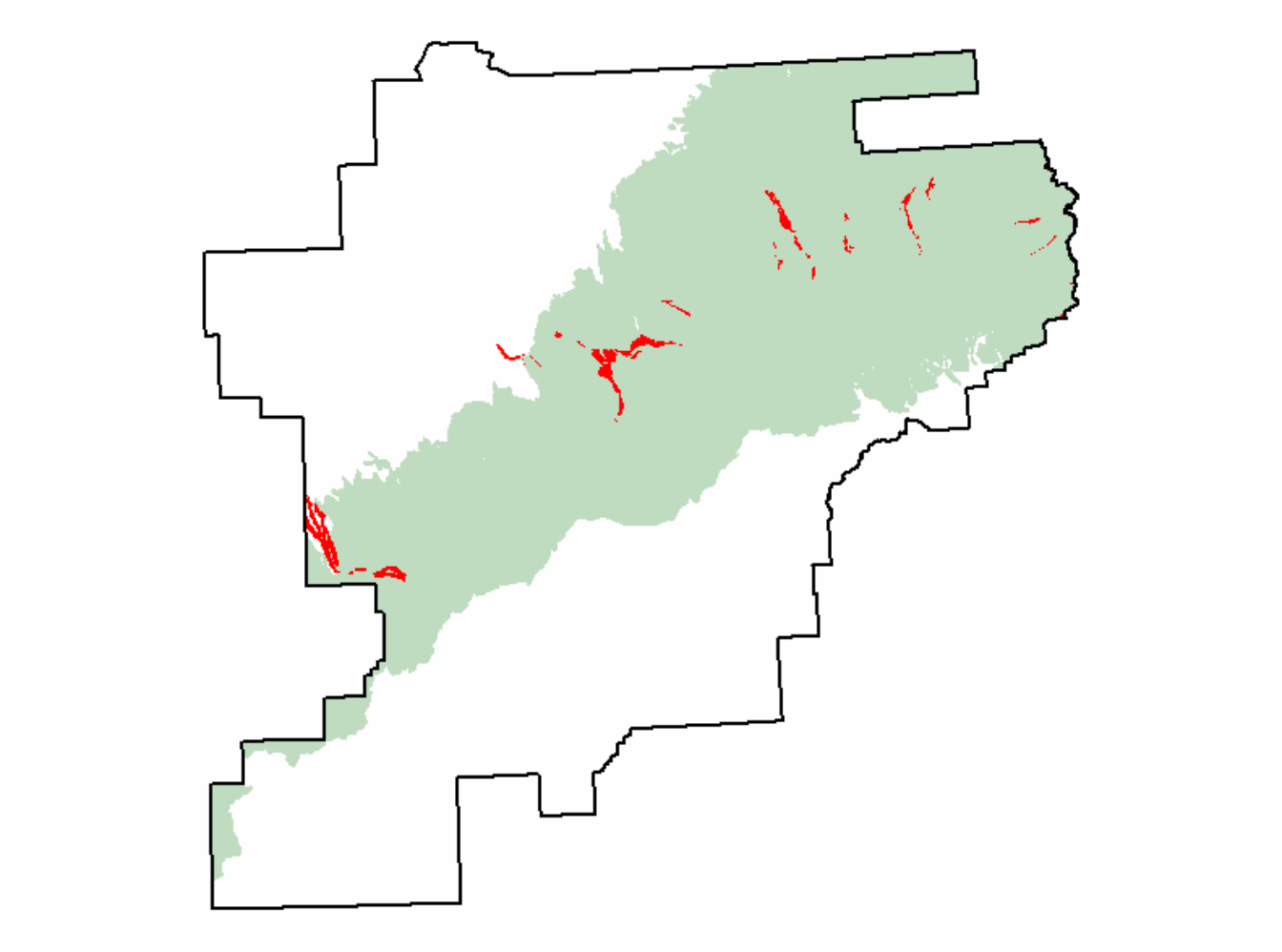
Landtype-Silty Drainages, Frozen (M131B_504)

Typical Landscape
Typical Map Unit: 4FS-Boreal Mica-Rich Low Mountain Footslopes with Continuous Permafrost
Soil Component: Boreal-riparian scrub mica-rich silty drains, frozen

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Flood Plains (M135A_100)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Loamy Flood Plains M135A_100

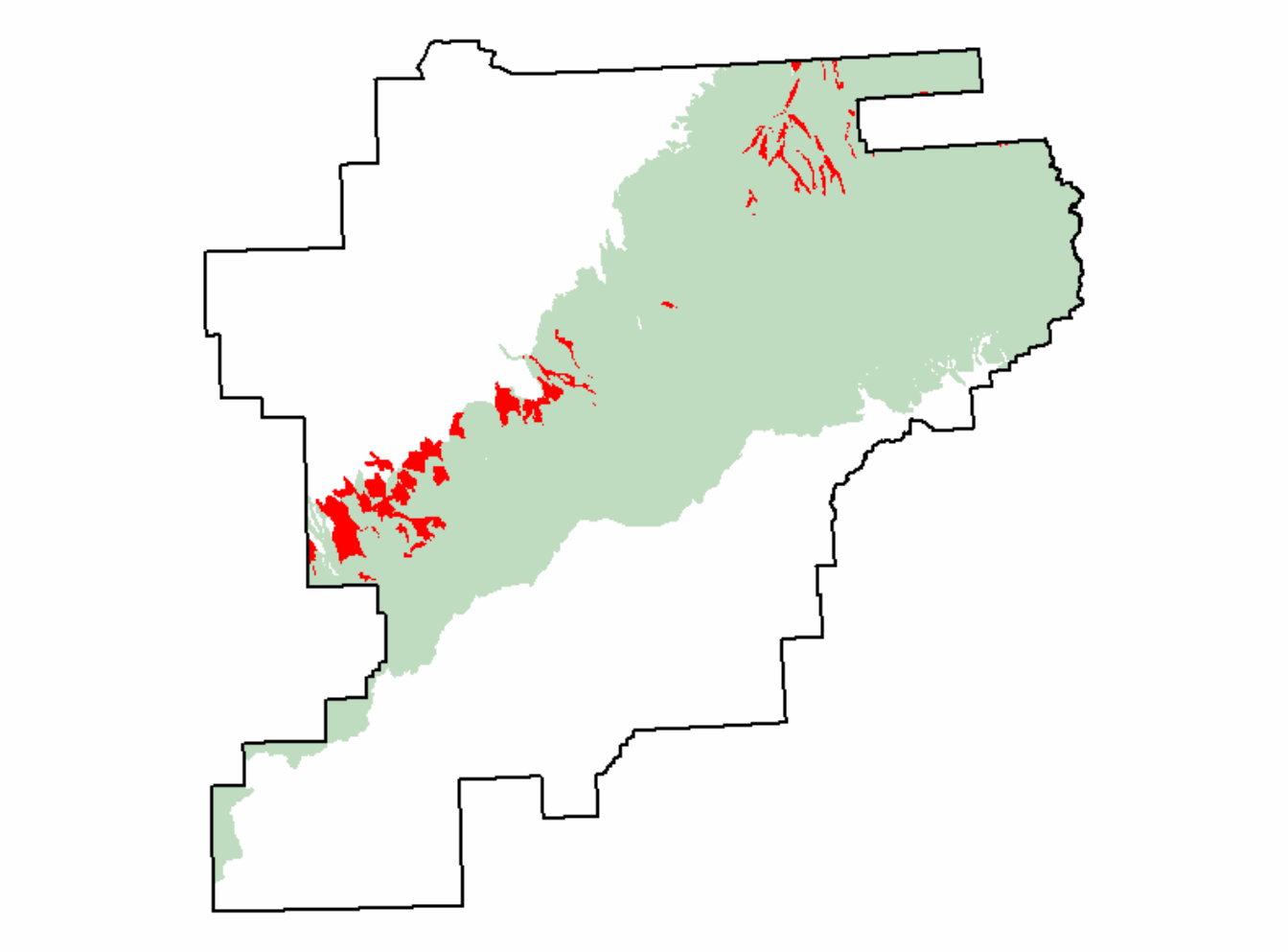
Typical Landscape
Typical Map Unit: 7FP1- Boreal Flood Plains and Terraces
Soil Component: Boreal-riparian scrub loamy flood plains

Mid-stage of beaver induced secondary succession

Typical Soil Profile

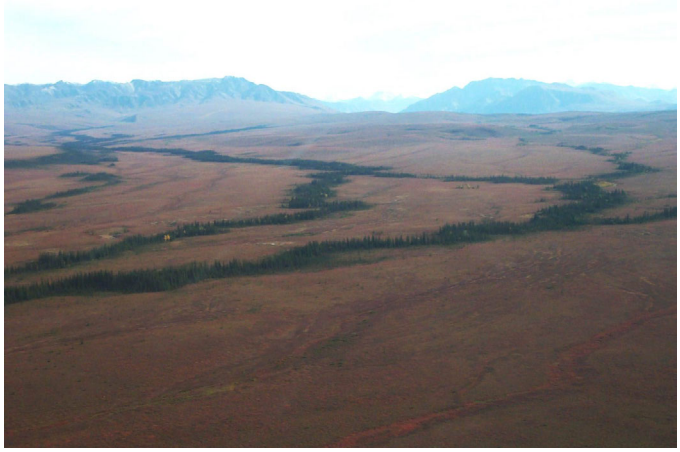
Climax plant community

Landtype-Loamy Frozen Terraces (M135A_104)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Loamy Frozen Terraces (M135A_104)



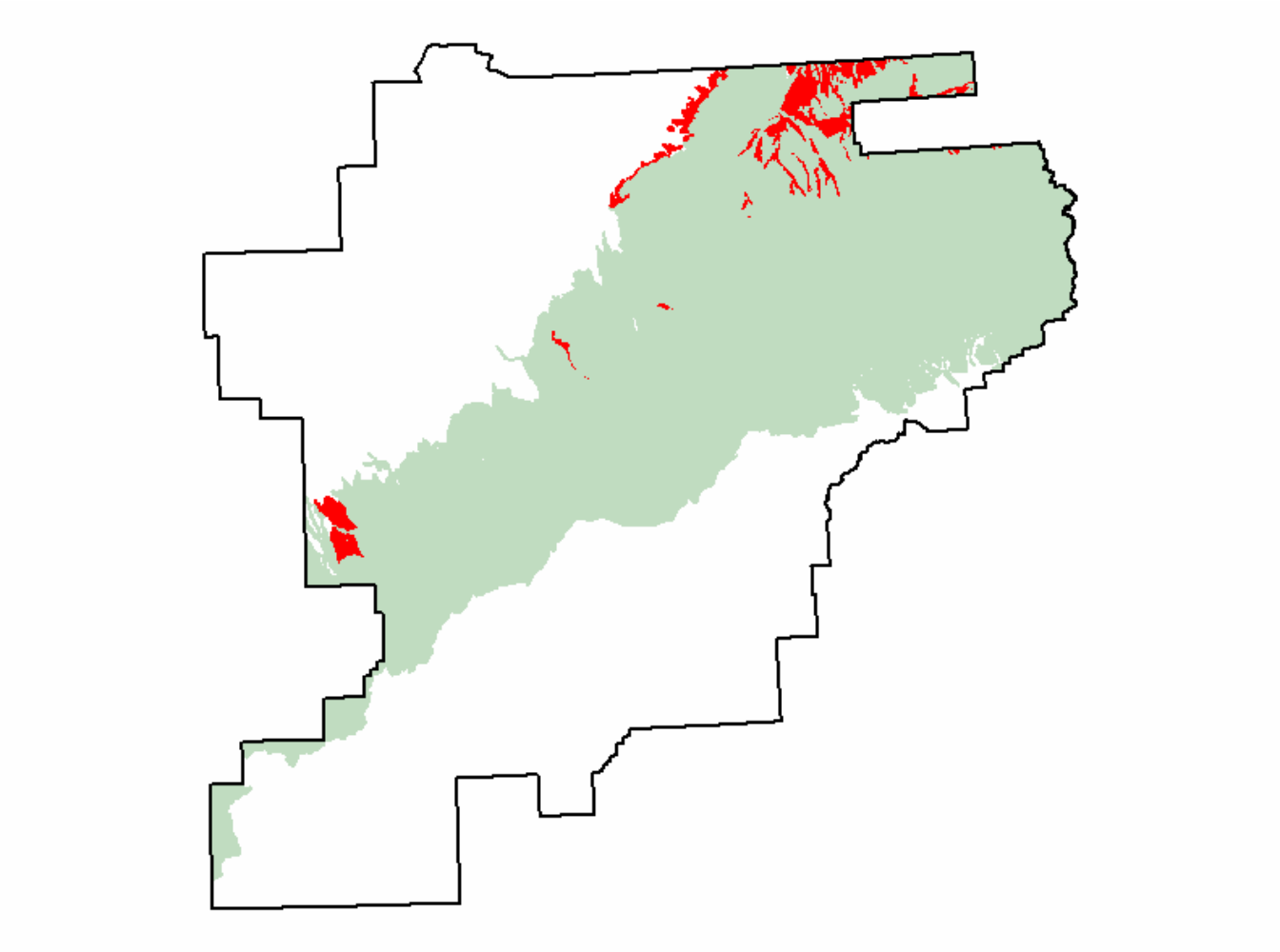
Typical Landscape
Typical Map Unit: 11ST- Boreal Terraces and High Flood Plains with Discontinuous Permafrost
Soil Component: Boreal-taiga high elevation loamy terraces, frozen

Mid-stage of fire induced secondary succession

Climax Plant Community

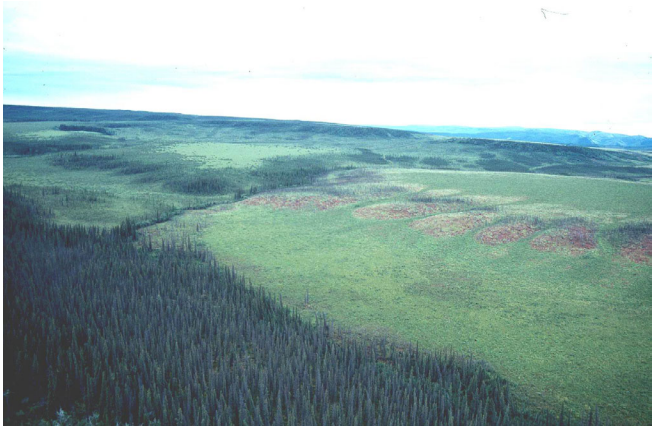
Typical Soil Profile

Landtype-Loamy Frozen Terraces, Wet (M135A_105)
Distribution Map and Photos

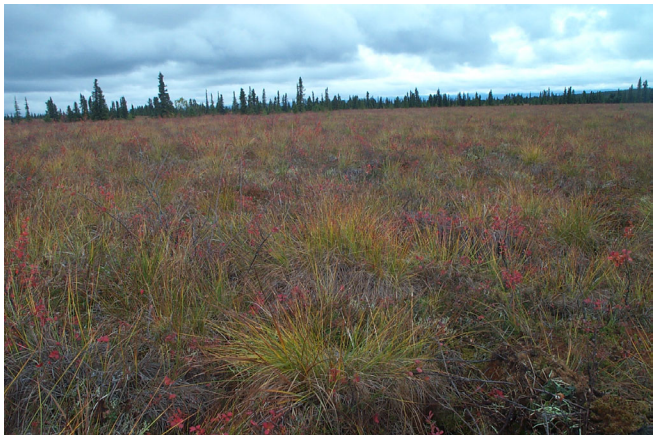


Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Loamy Frozen Terraces, Wet (M135A_105)



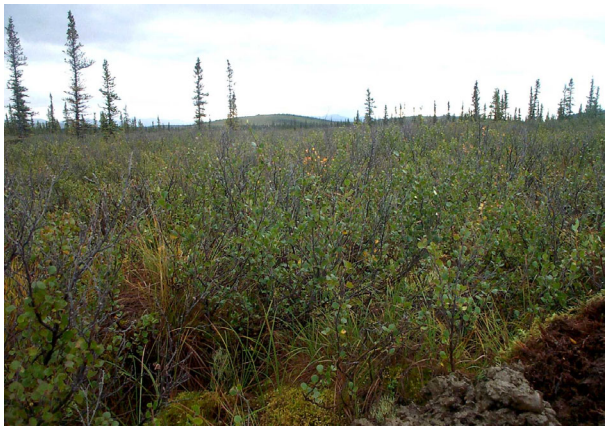
Typical Landscape
Typical Map Unit: 10TS- Boreal Plateaus with Continuous Permafrost
Soil Component: Boreal-taiga/tussock high elevation silty frozen loess slopes, Alaska Mountains



Climax plant community

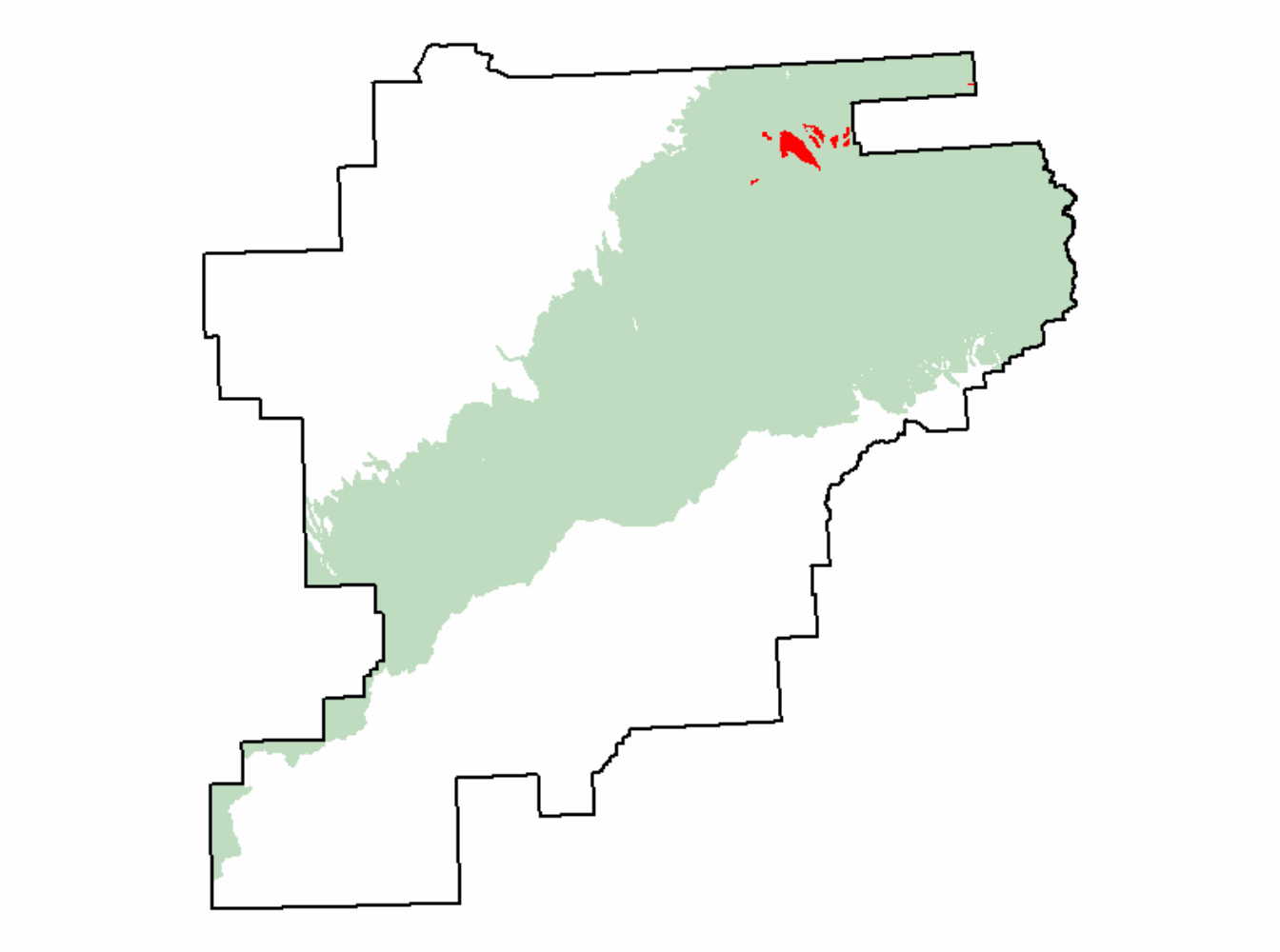
Typical Soil Profile

Early stage of fire induced secondary succession



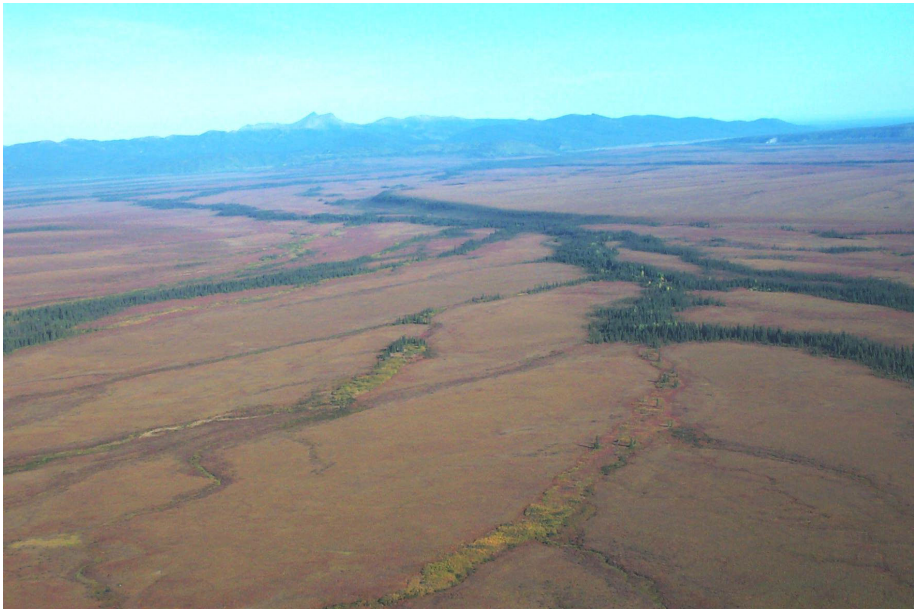
Late stage of fire induced secondary succession

Landtype-Peat Mounds (M135A_112)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Peat Mounds (M135A_112)

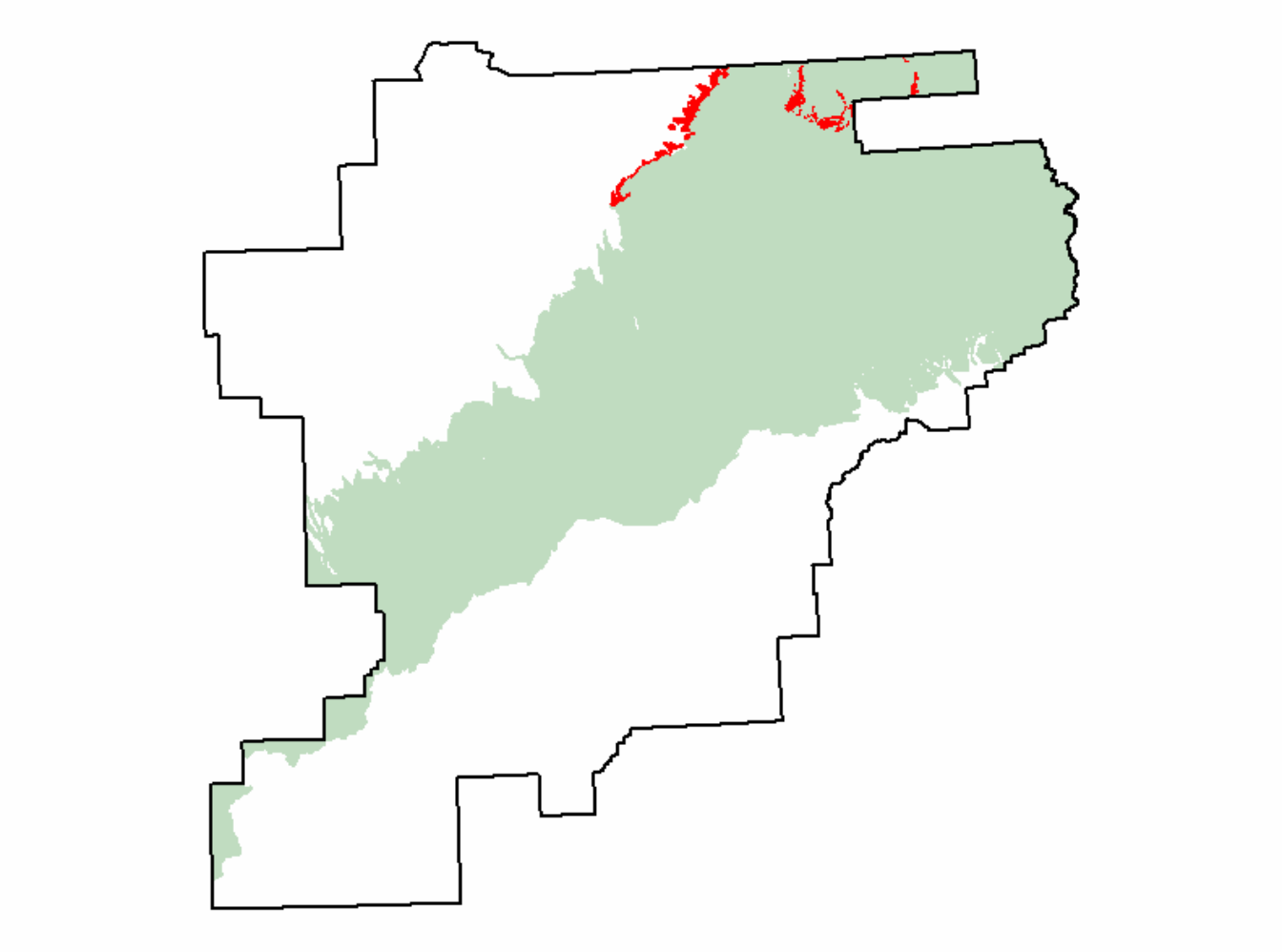


Typical Landscape
Typical Map Unit: 11P- Alpine Plains with Continuous Permafrost
Soil Component: Alpine-scrub organic mounds, frozen

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Frozen Slopes, Ice Cored (M135A_113) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Loamy Frozen Slopes, Ice Cored (M135A_113)

Typical Landscape

Typical Map Unit: 8LMF- Boreal Lower Mountain Slopes, Thermokarsted
Soil Component: Boreal-taiga high elevation mica-rich silty loess hills, frozen

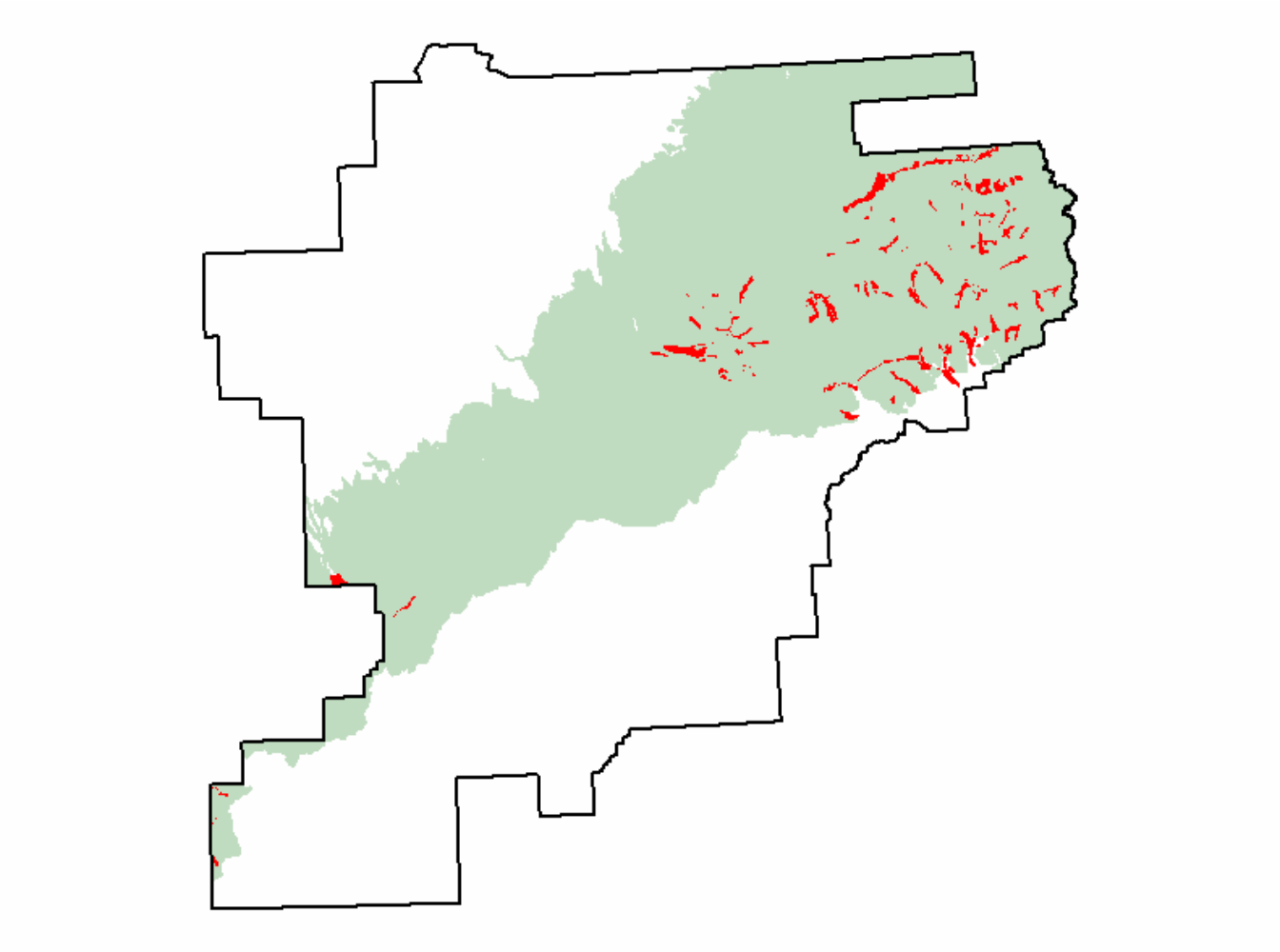
Late stage of fire induced secondary succession

Typical Soil Profile (thawed late stage)

Mid-stage of fire induced secondary succession

Climax plant community

Landtype-Loamy Flood Plains, High Elevation (M135A_150) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the Alaska Mountains Section is illustrated in gray.

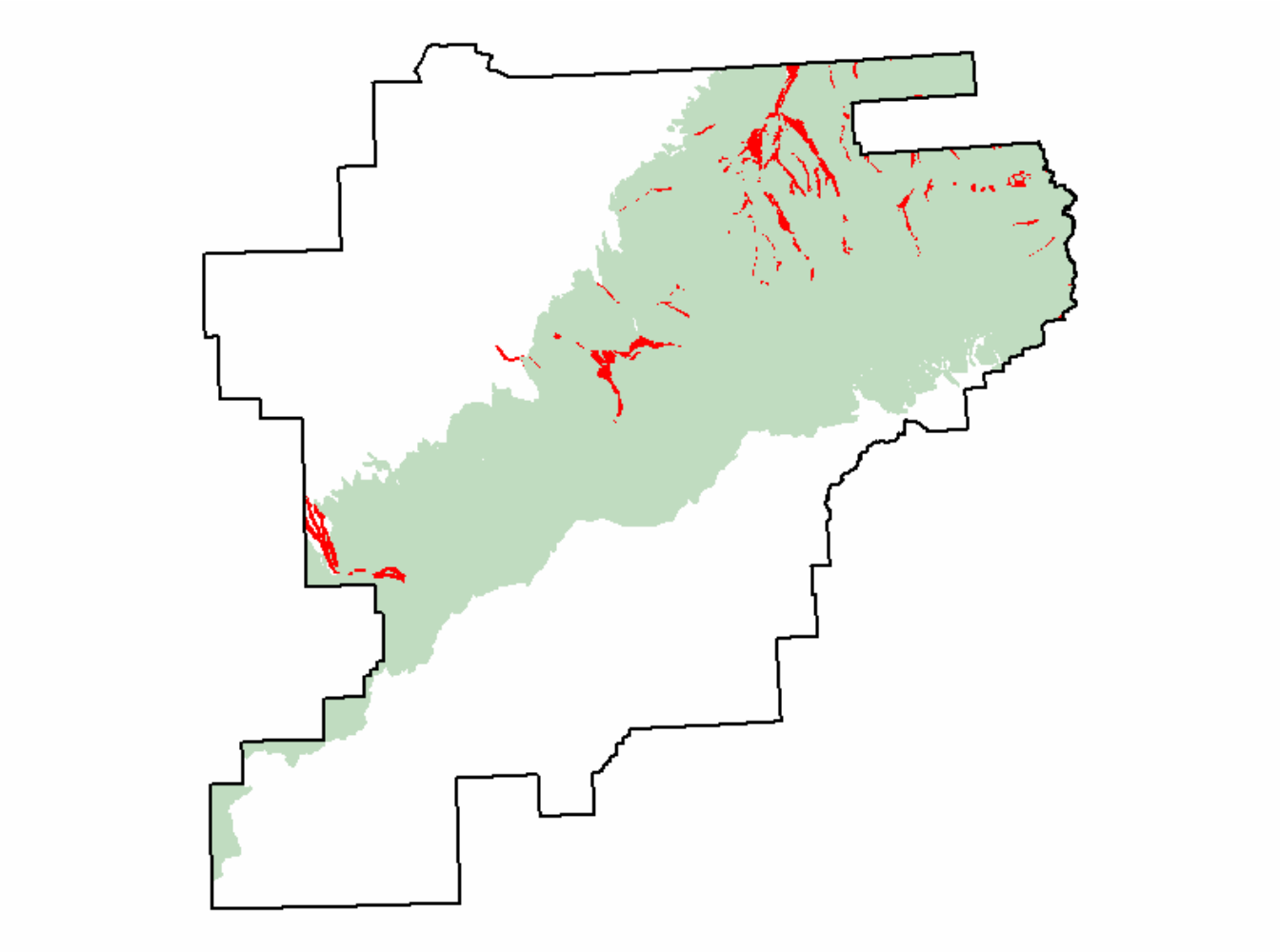
Landtype-Loamy Flood Plains, High Elevation (M135A_150)

Typical Landscape
Typical Map Unit: 7V11- Alpine Fans
Soil Component: Alpine-riparian scrub loamy flood plains

Climax Plant Community

Typical Soil Profile

Landtype-Loamy High Flood Plains (M135A_151)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Loamy High Flood Plains (M135A_151)

Typical Landscape

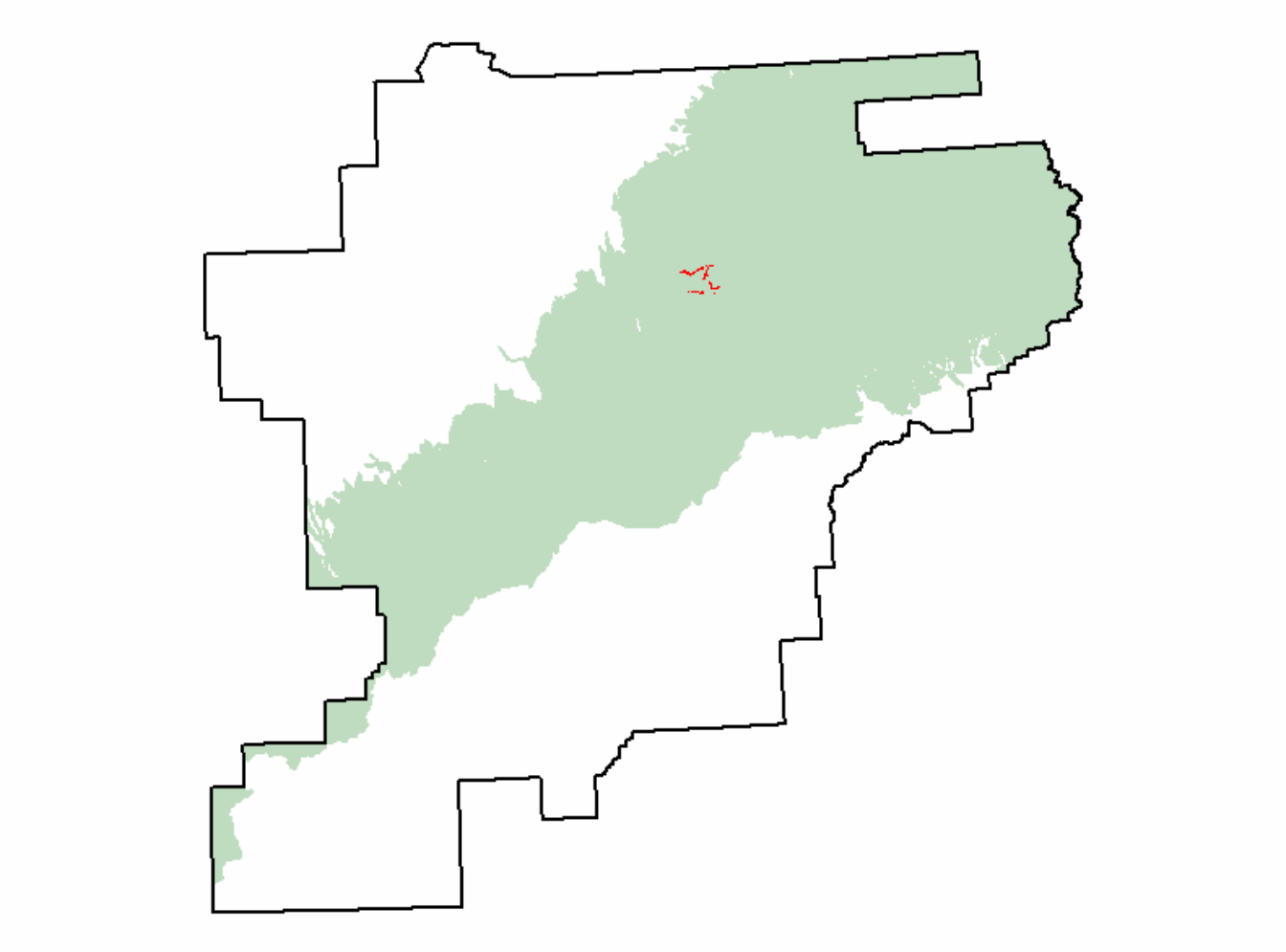
Typical Map Unit: 7FP1- Boreal Flood Plains and Terraces
Soil Component: Boreal-riparian forested loamy high flood plains

Late stage of primary succession on flood plain

Typical Soil Profile

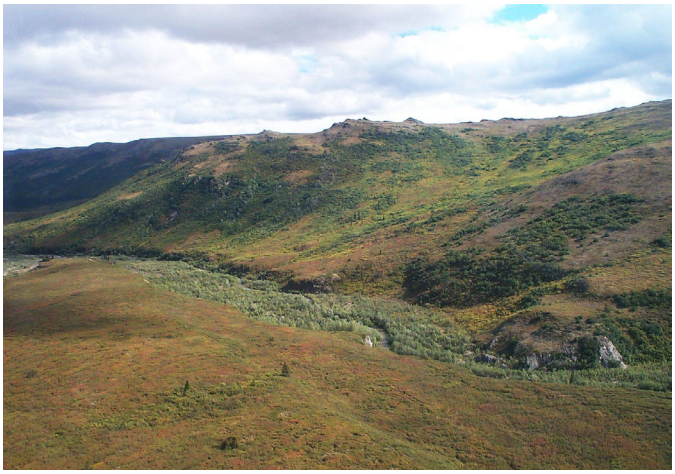
Climax Plant Community

Landtype-Loamy Wet Flood Plains, High Elevation (M135A_152) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Loamy Wet Flood Plains, High Elevation (M135A_152)



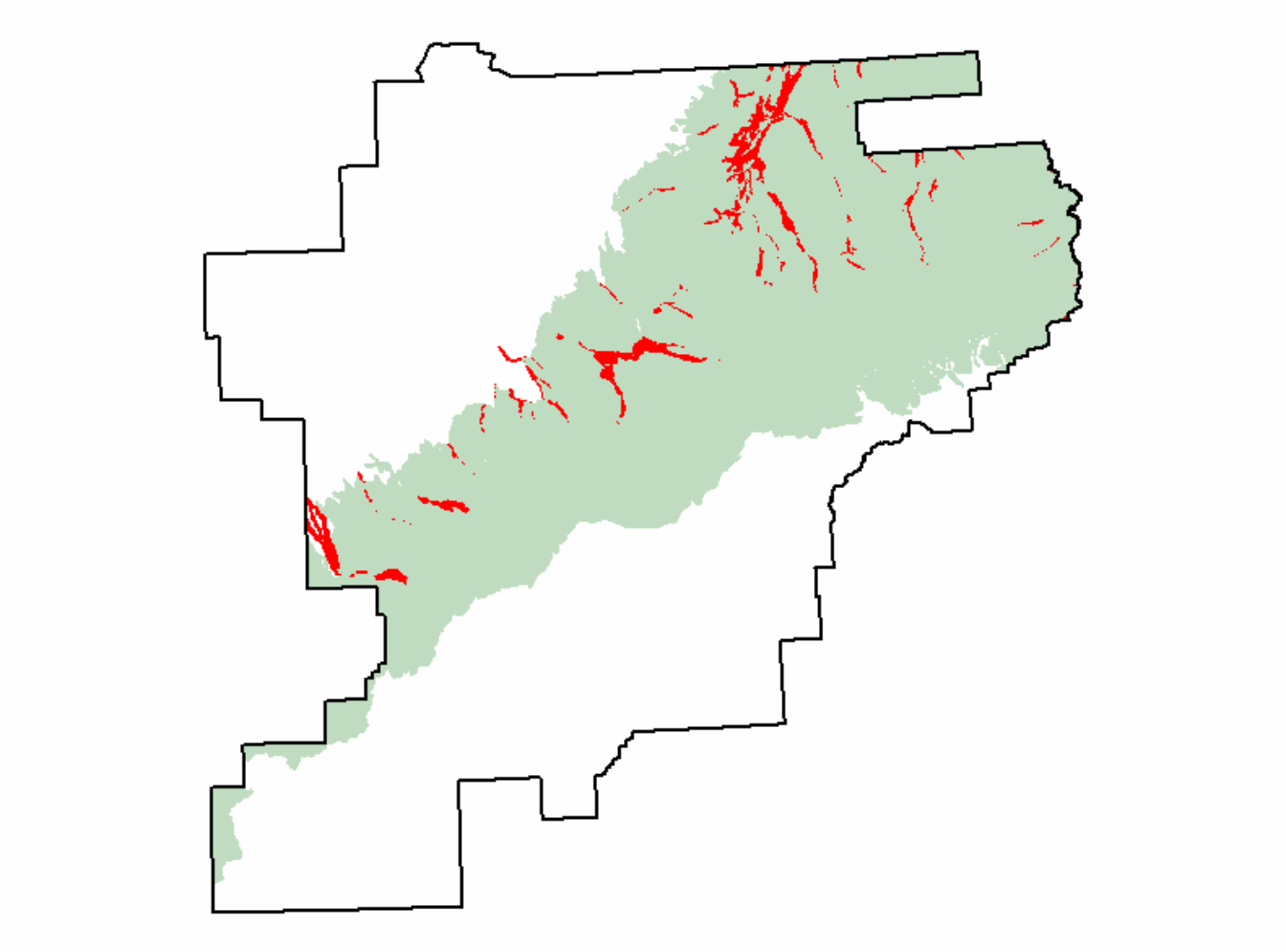
Typical Landscape
Typical Map Unit: 8FP1- Alpine Flood Plains
Soil Component: Alpine-riparian scrub loamy schist flood plains, wet

Typical Soil Profile

Climax Plant Community

Beaver induced secondary succession

Landtype-Loamy Wet Flood Plains (M135A_153)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Loamy Wet Flood Plains (M135A_153)

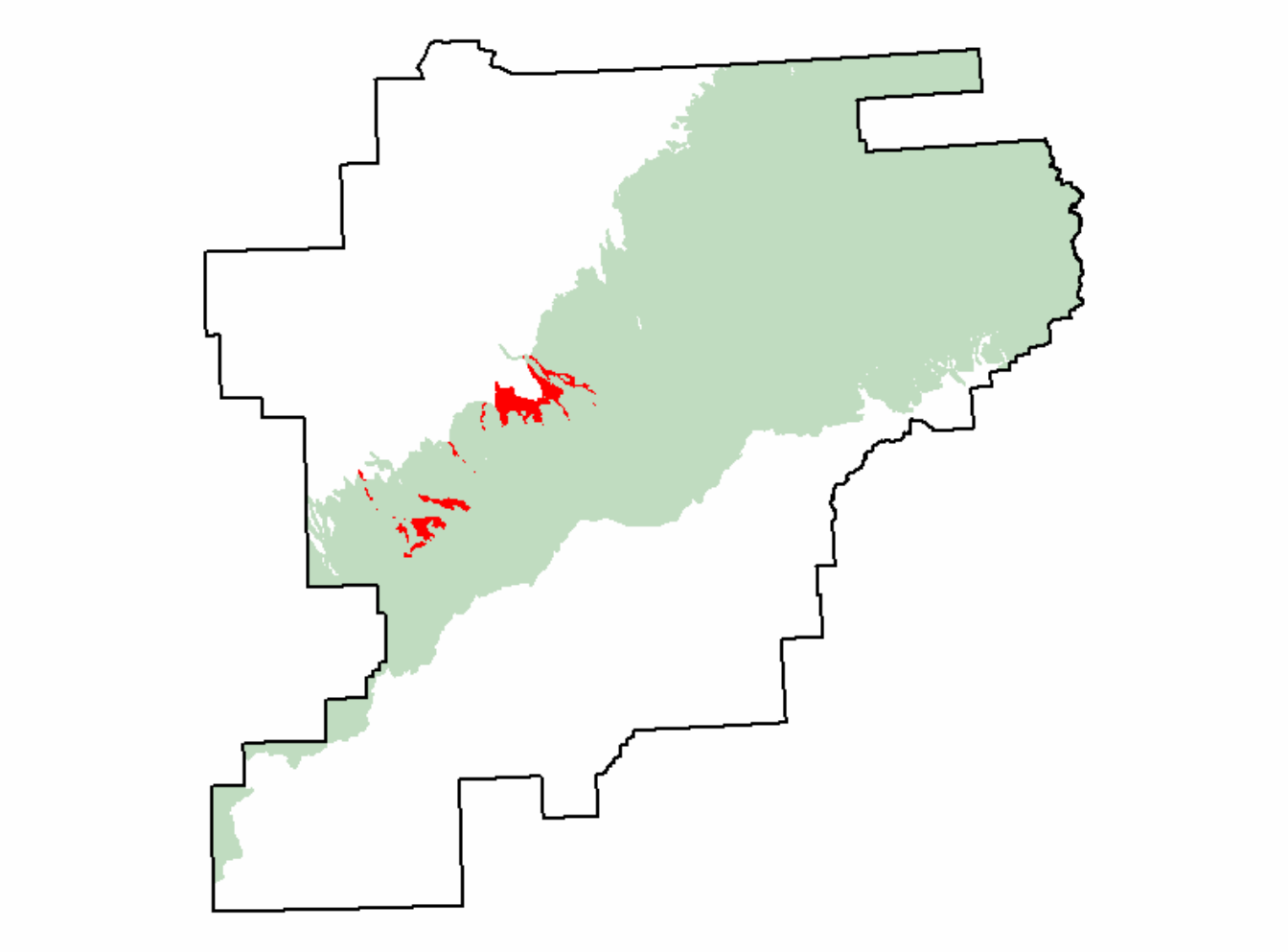
Typical Landscape
Typical Map Unit: 11FP-Boreal Flood Plains, High Elevation
Soil Component: Boreal-riparian scrub loamy wet flood plains

Beaver inducedsecondary succession

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Wet High Flood Plains (M135A_156) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

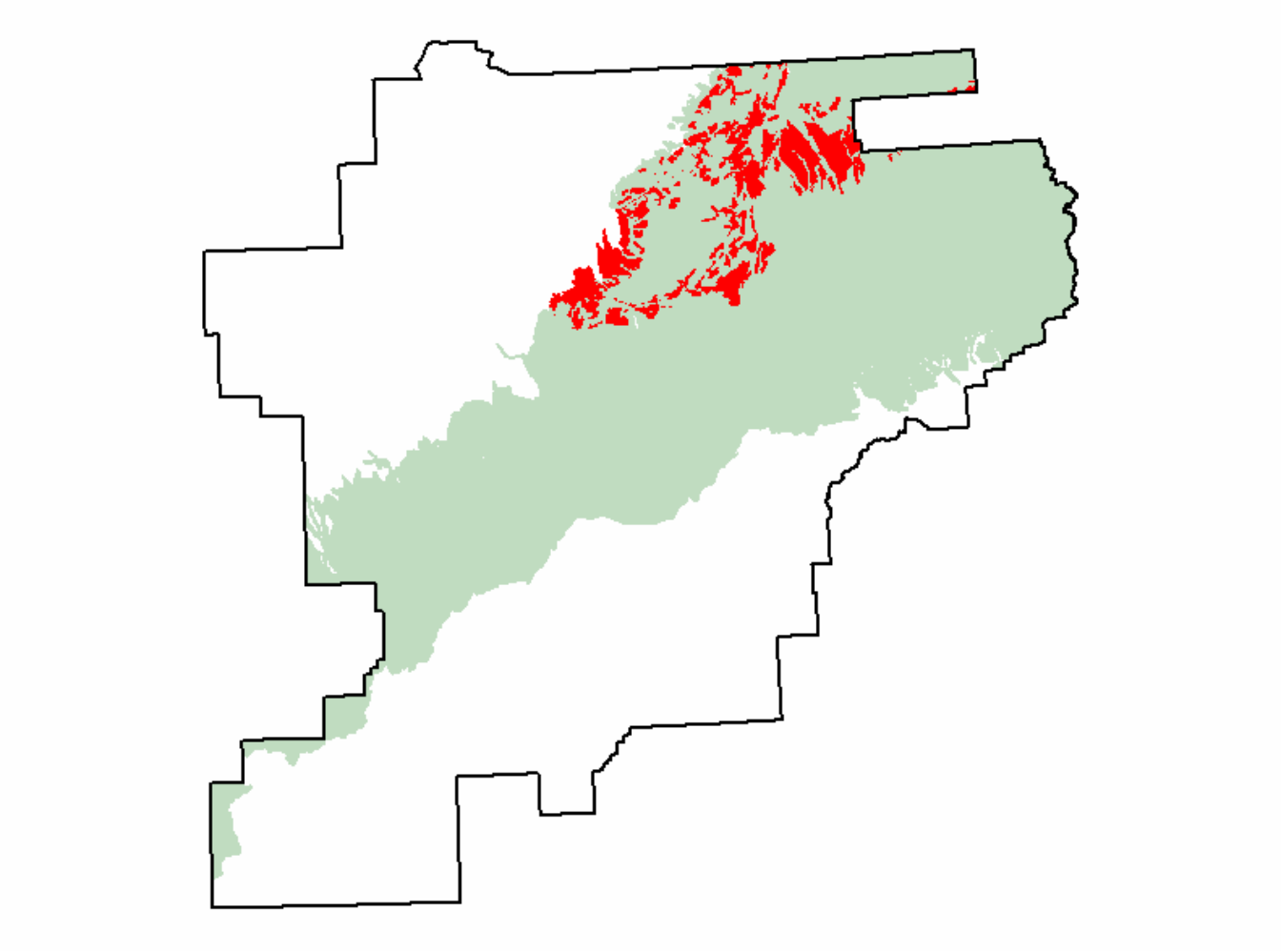
Landtype-Loamy Wet High Flood Plains (M135A_156)

Typical Landscape
Typical Map Unit: 7AFF-Boreal Outwash Plains and Fans with Discontinuous Permafrost
Soil Component: Boreal-riparian forested loamy flood plains, very wet

Potential Plant Community

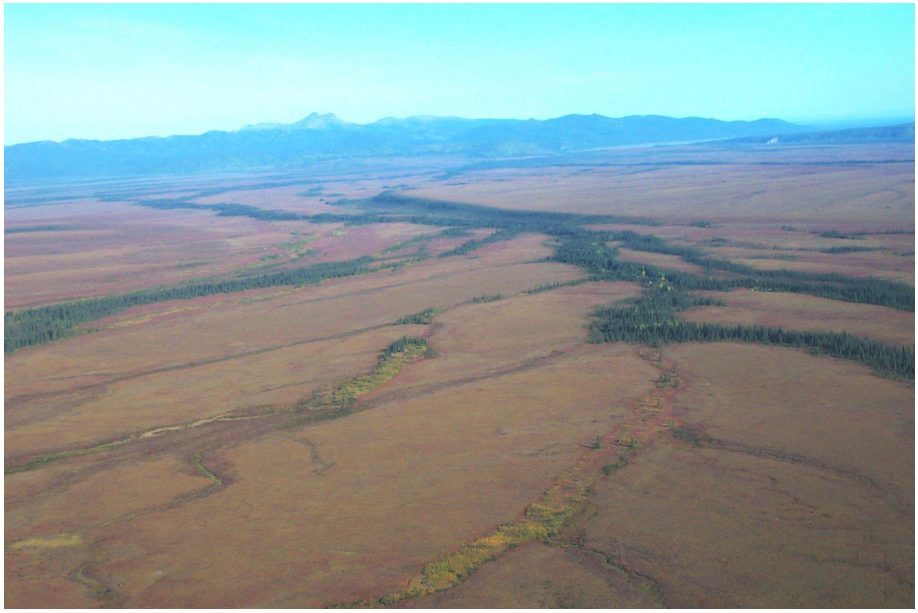
Typical Soil Profile

Landtype-Loamy Frozen Wet Terraces, High Elevation (M135A_175) Distribution Map and Photos

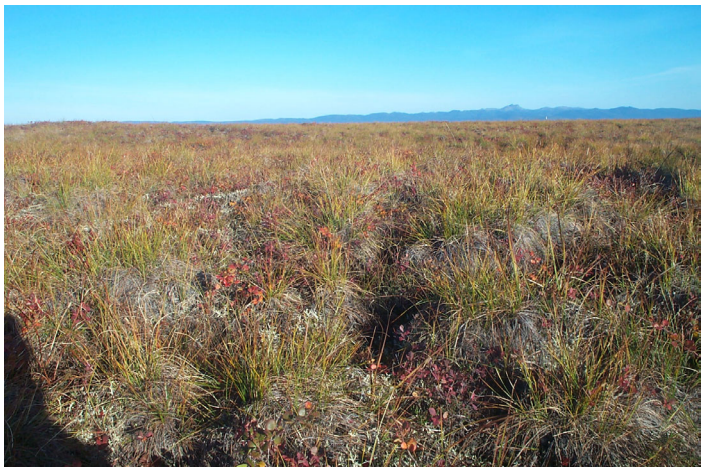


Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Loamy Frozen Wet Terraces, High Elevation (M135A_175)



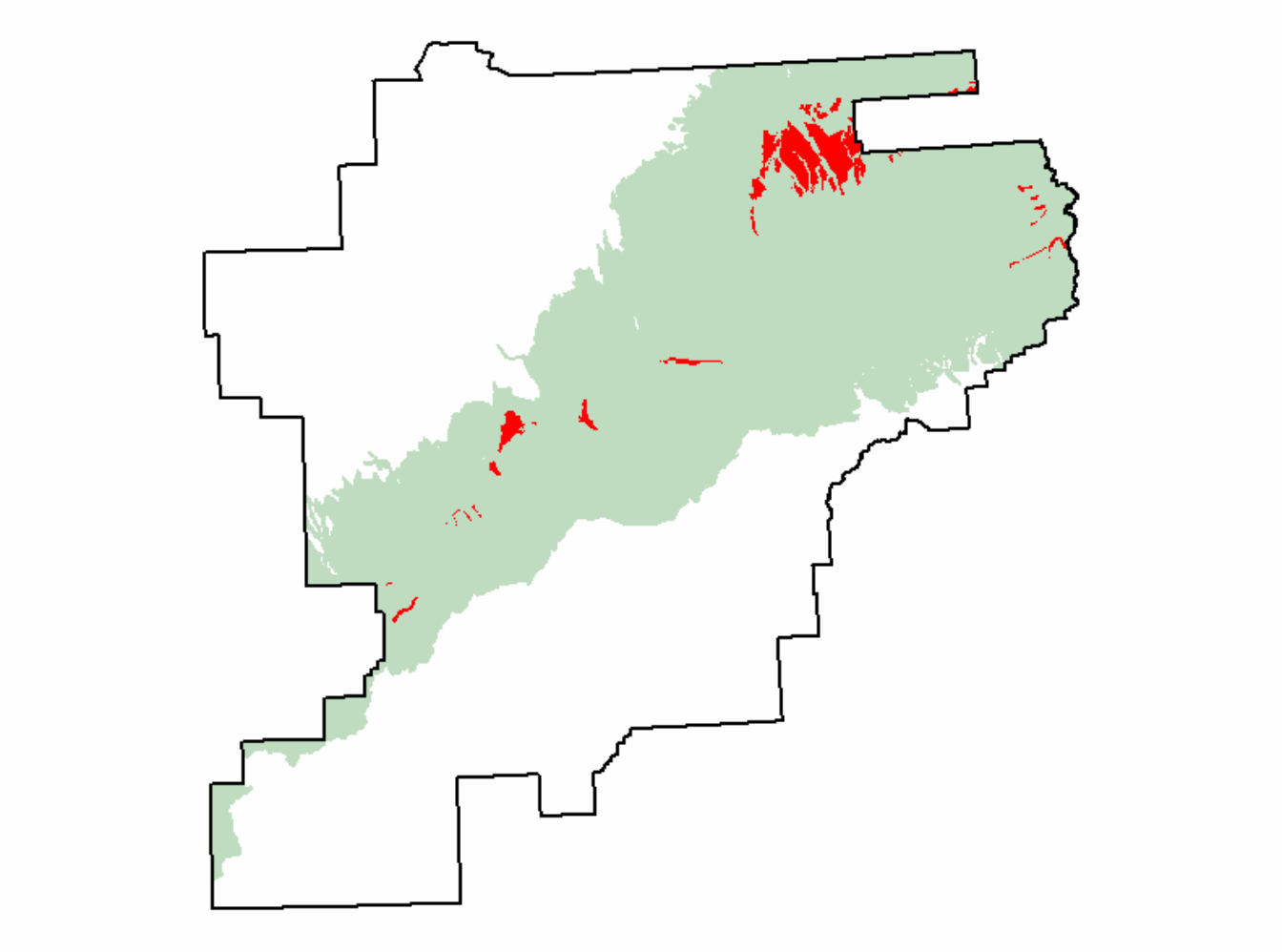
Typical Landscape
Typical Map Unit: 11P- Alpine Plains with Continuous Permafrost
Soil Component: Alpine-tussock-scrub silty loess slopes, frozen



Climax Plant Community

Typical Soil Profile

Landtype-Loamy Frozen Slopes, High Elevation (M135A_177) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

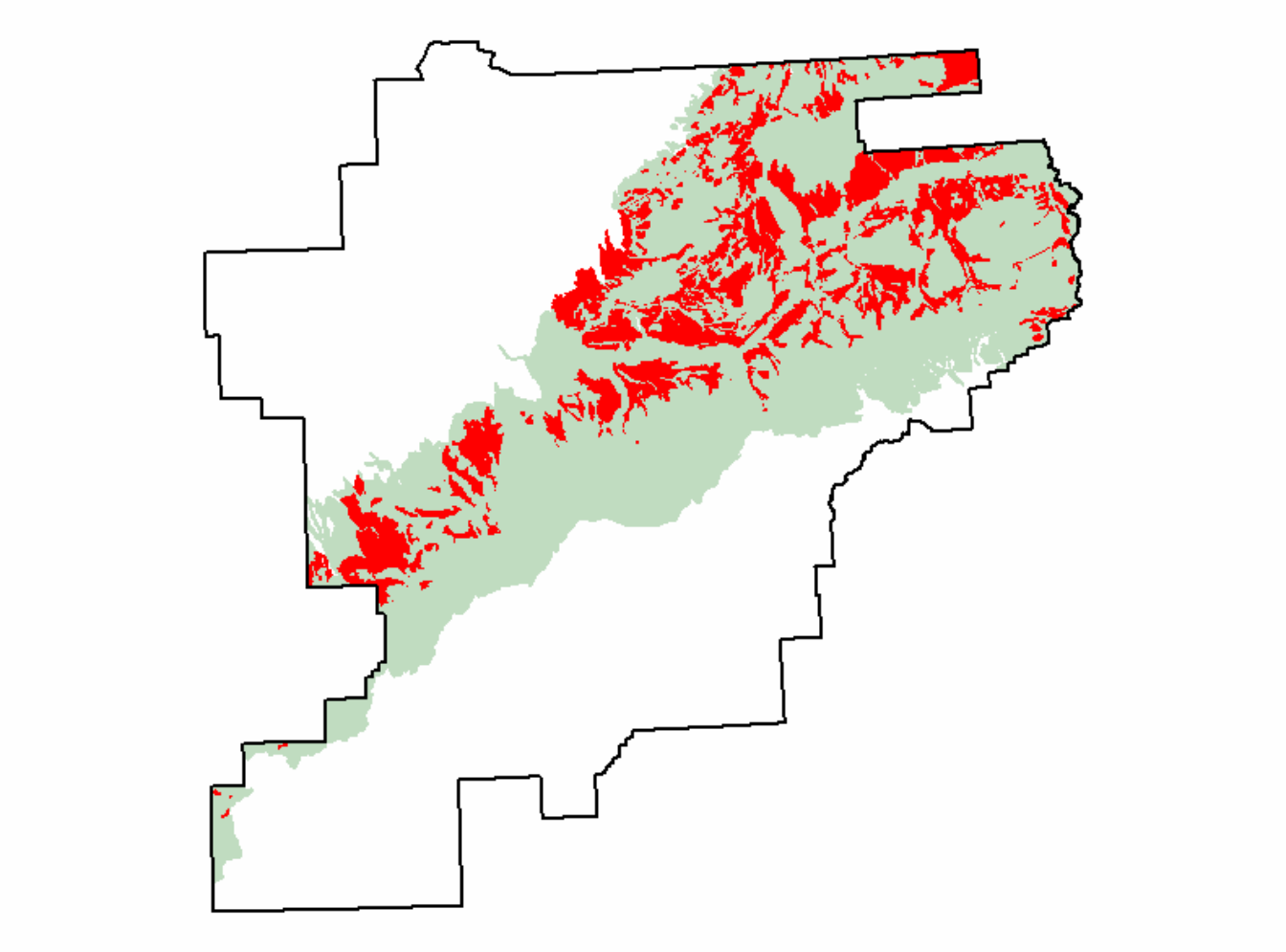
Landtype-Loamy Frozen Slopes, High Elevation (M135A_177)

Typical Landscape
Typical Map Unit: 7V1B- Alpine and Subalpine Diorite Fans and Flood Plains with Discontinuous Permafrost
Soil Component: Alpine-scrub loamy diorite terraces, frozen

Climax Plant Community

Typical Soil Profile

Landtype-Gravelly Frozen Slopes (M135A_180)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

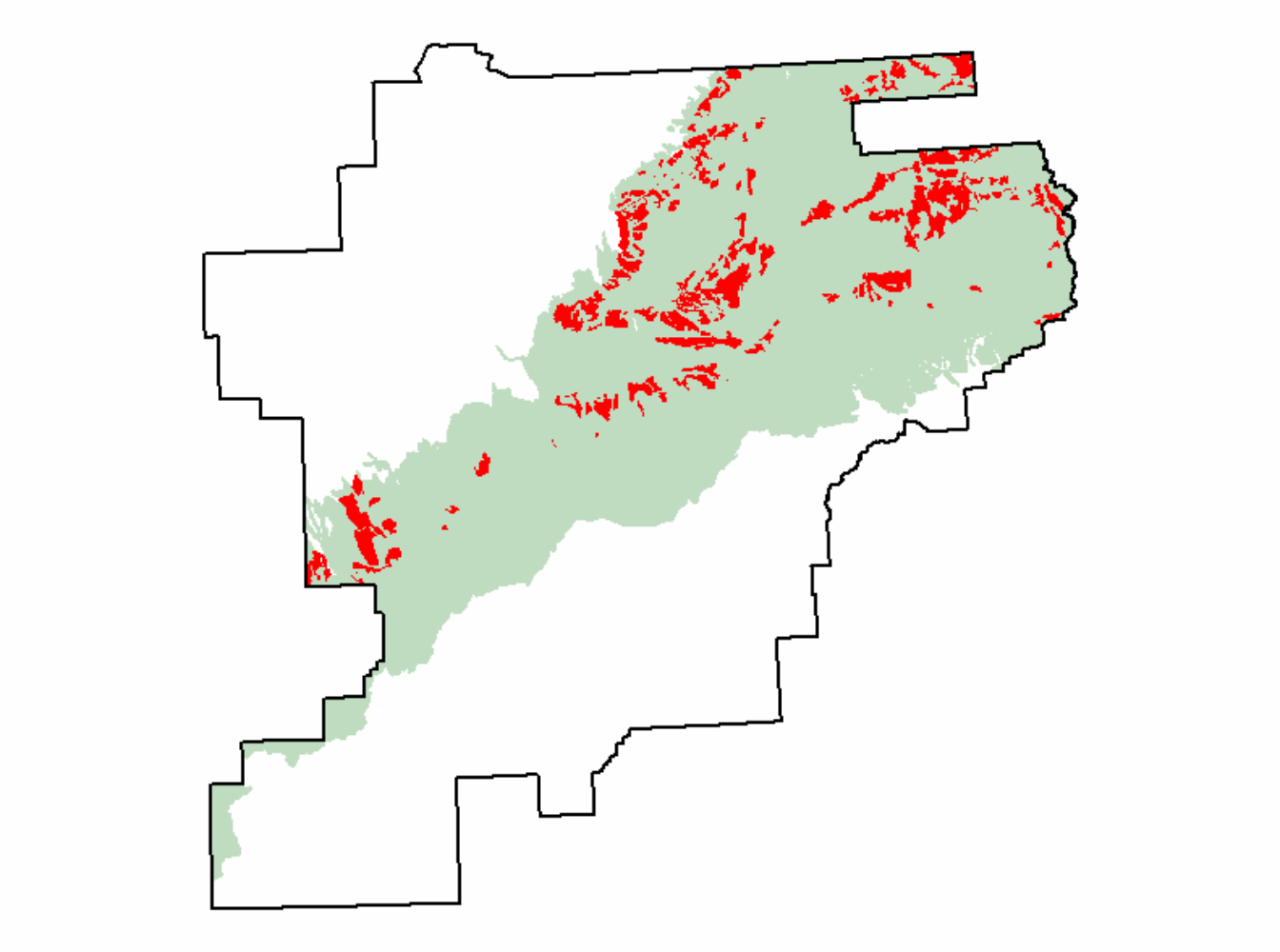
Landtype-Gravelly Frozen Slopes (M135A_180)

Typical Landscape
Typical Map Unit: 7TP- Alpine Till Plains with Discontinuous Permafrost
Soil Component: Alpine-scrub-sedge gravelly till slopes, frozen

Climax Plant Community

Typical Soil Profile

Landtype-Gravelly Frozen Slopes, Ruptic (M135A_182) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Gravelly Frozen Slopes, Ruptic (M135A_182)

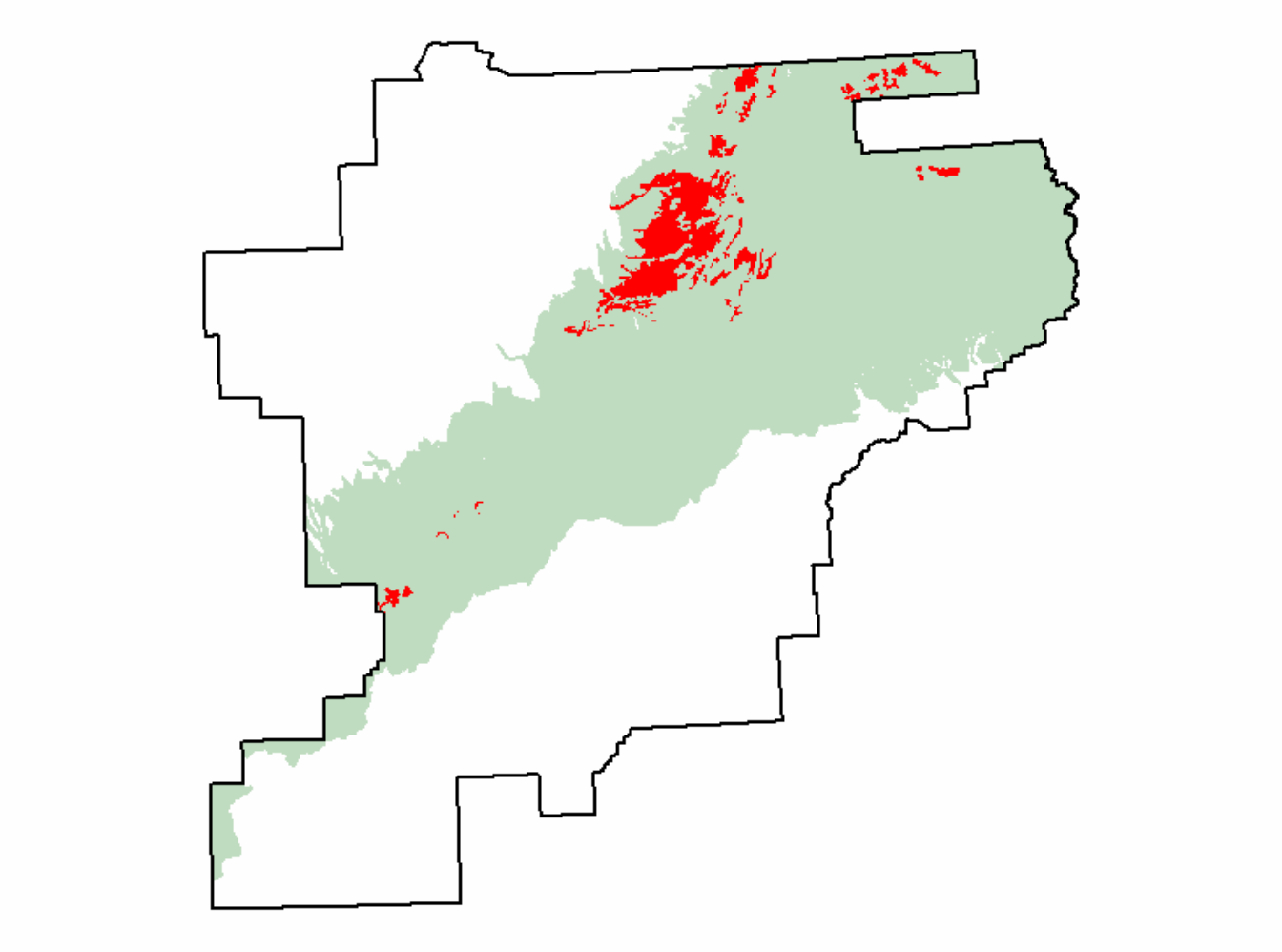
Typical Landscape
Typical Map Unit: 5TS1-Alpine Schist Lower Mountain Slopes with Discontinuous Permafrost
Soil Component: Alpine-scrub gravelly schist circles, frozen

Climax Plant Community

Climax plant community on drier microsites

Typical Soil Profile

Landtype-Gravelly Frozen Slopes, Cold (M135A_183) Distribution Map and Photos

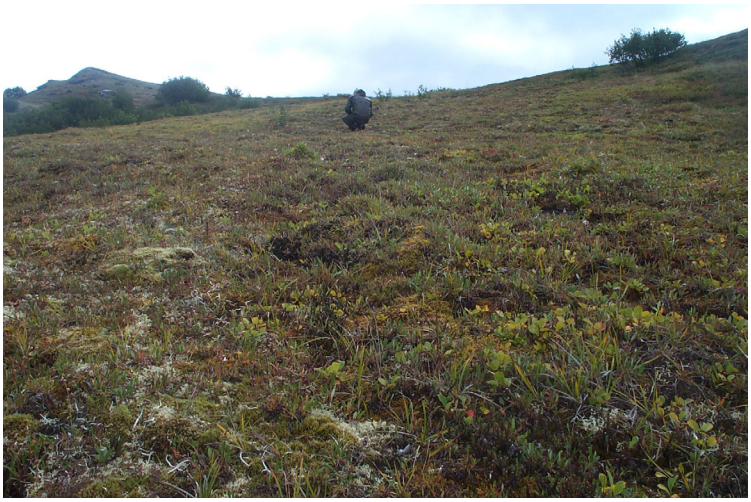


Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Gravelly Frozen Slopes, Cold (M135A_183)

Typical Landscape

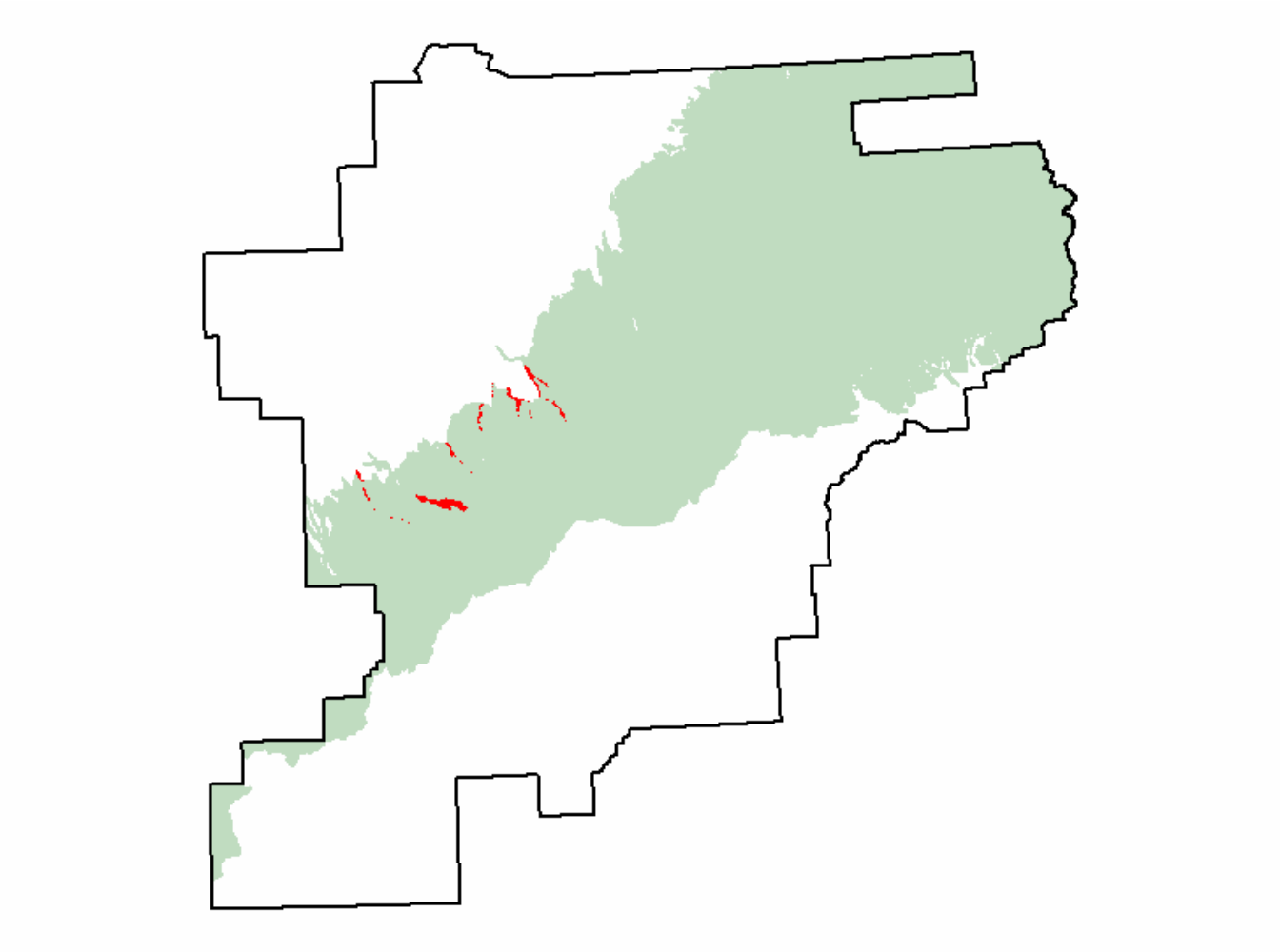
Typical Map Unit: 8MS-Alpine Schist Mountain Ridges with Discontinuous Permafrost
Soil Component: Alpine-sedge-dwarf scrub gravelly schist lobes and stripes, frozen



Climax Plant Community

Typical Soil Profile

Landtype-Gravelly High Flood Plains, High Elevation (M135A_185) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

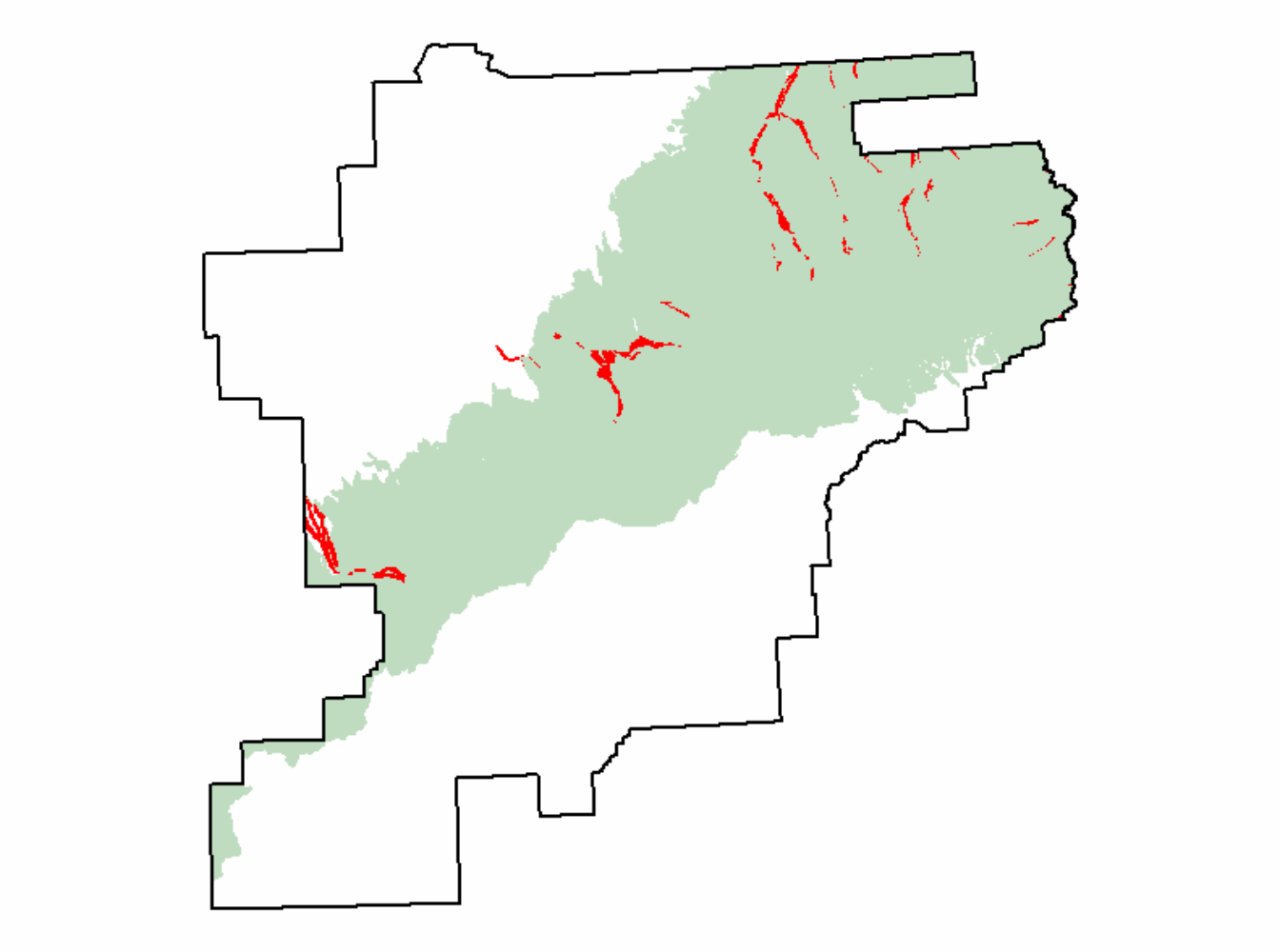
Landtype-Gravelly High Flood Plains, High Elevation (M135A_185)

Typical Landscape
Typical Map Unit: 7FP11- Boreal Diorite Flood Plains
Soil Component: Boreal-riparian forested gravelly high flood plains

Climax Plant Community

Typical Soil Profile

Landtype-Gravelly Low Flood Plains, Wet (M135A_203)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the Alaska Mountains Section is illustrated in gray.

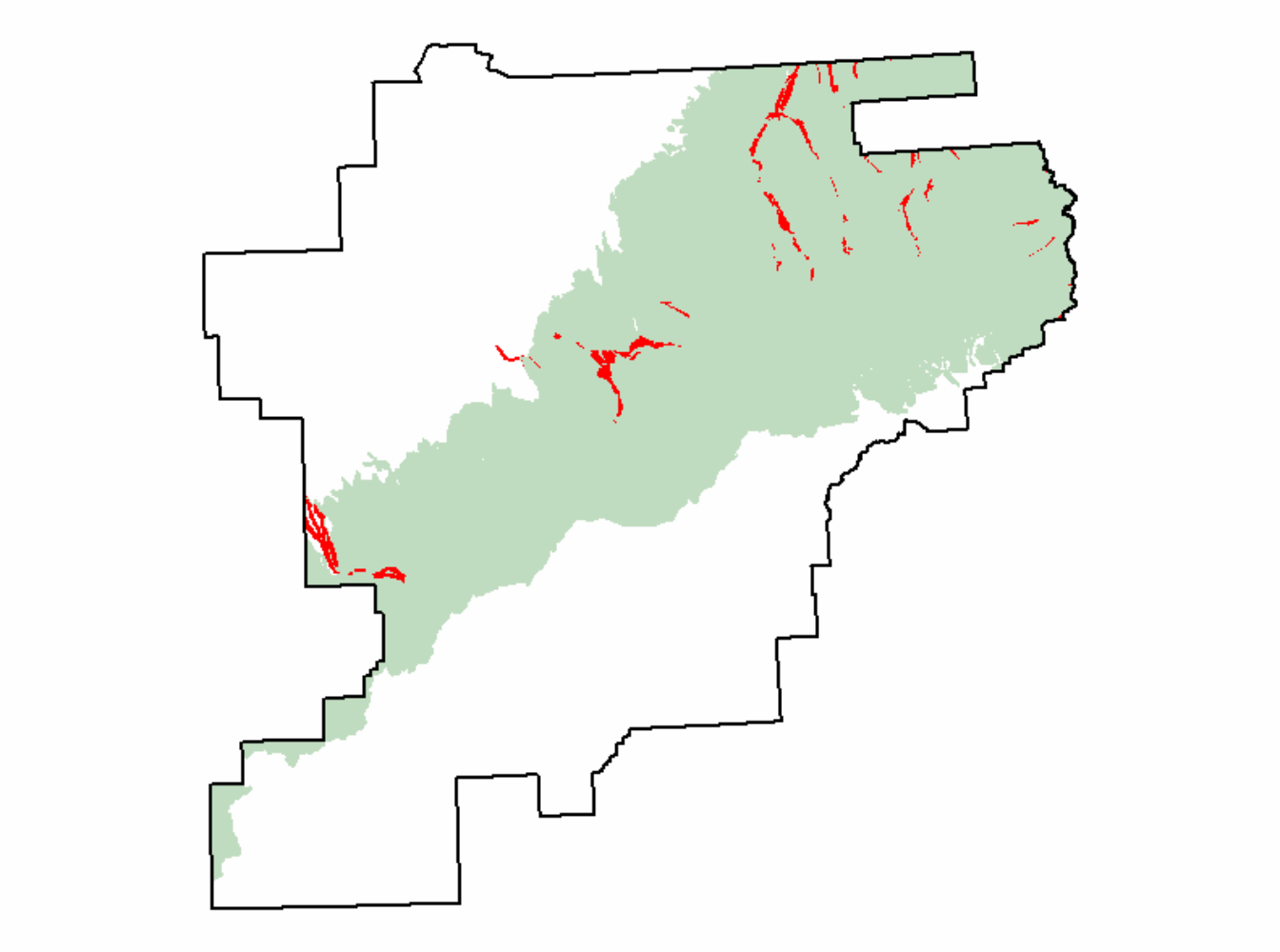
Landtype-Gravelly Low Flood Plains, Wet (M135A_203)

Typical Landscape
Typical Map Unit: 7FP1- Boreal Flood Plains and Terraces
Soil Component: Boreal-riparian scrub gravelly flood plains, wet

Climax Plant Community

Typical Soil Profile

Landtype-Gravelly Flood Plains (M135A_204)
Distribution Map and Photos

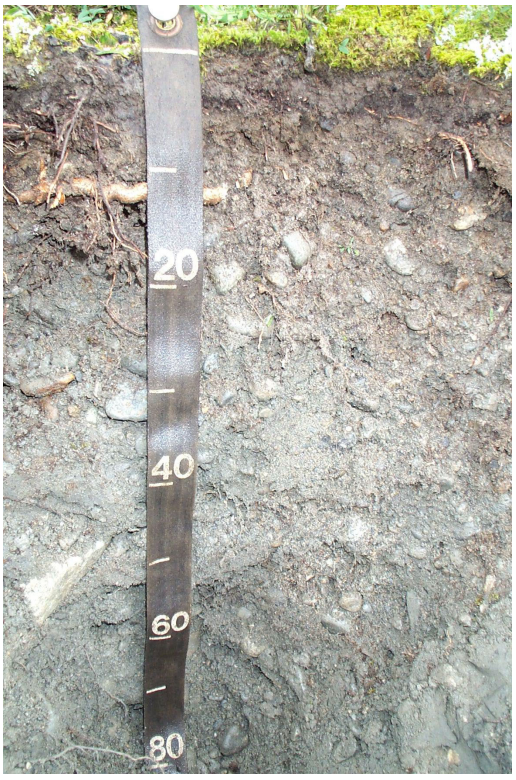


Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Gravelly Flood Plains (M135A_204)

Typical Landscape
Typical Map Unit: 11FP- Boreal Flood Plains, High Elevation
Soil Component: Boreal-riparian scrub gravelly flood plains, moderately wet

Mid-stage of primary succession on flood plains



Typical Soil Profile

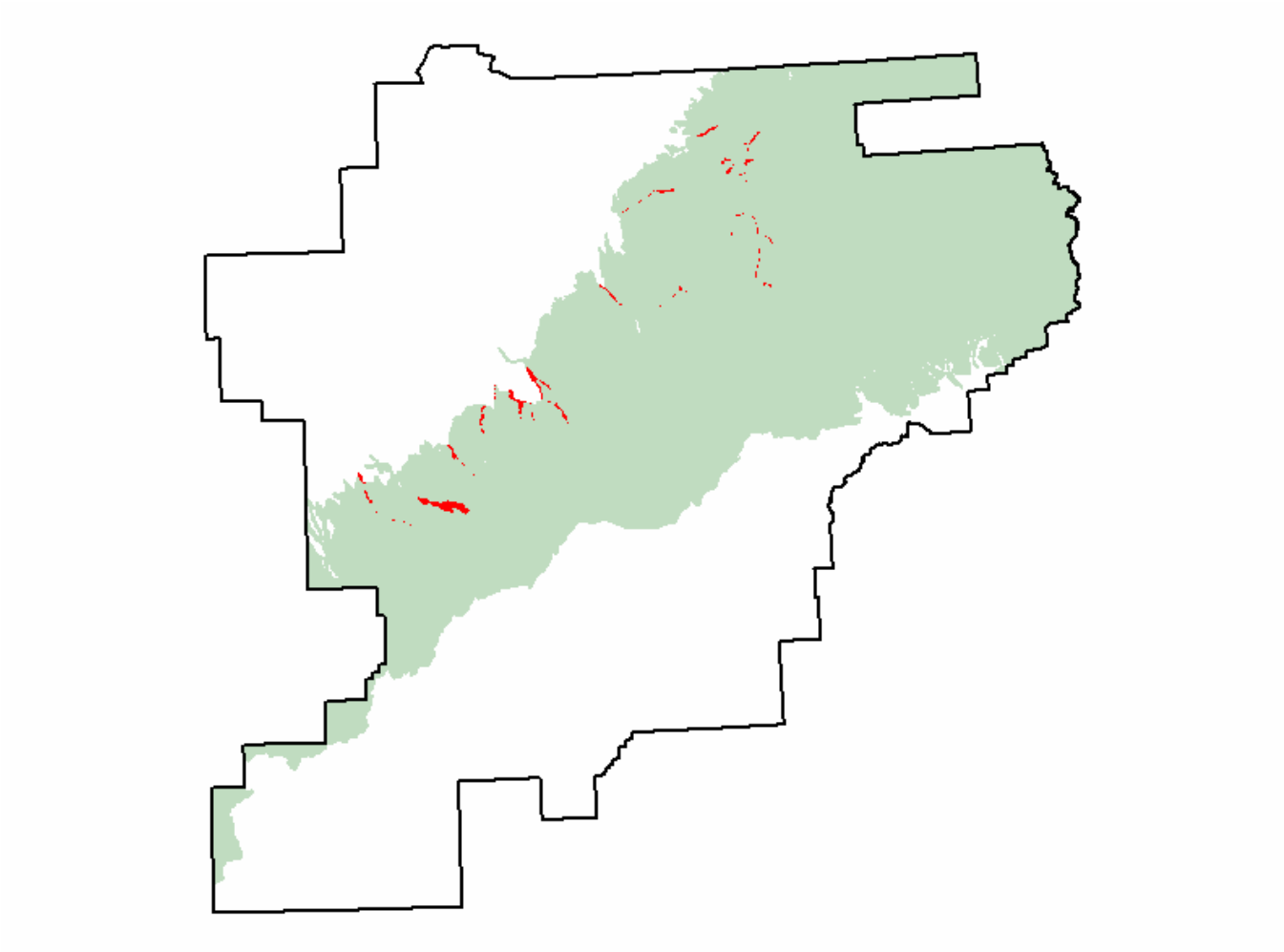
Landtype-Gravelly Flood Plains (M135A_204)

Late stage of primary succession on flood plains

Beaver induced secondary succession

Climax Plant Community

Landtype-Gravelly Low Flood Plains, Acid (M135A_250)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Gravelly Low Flood Plains, Acid (M135A_250)

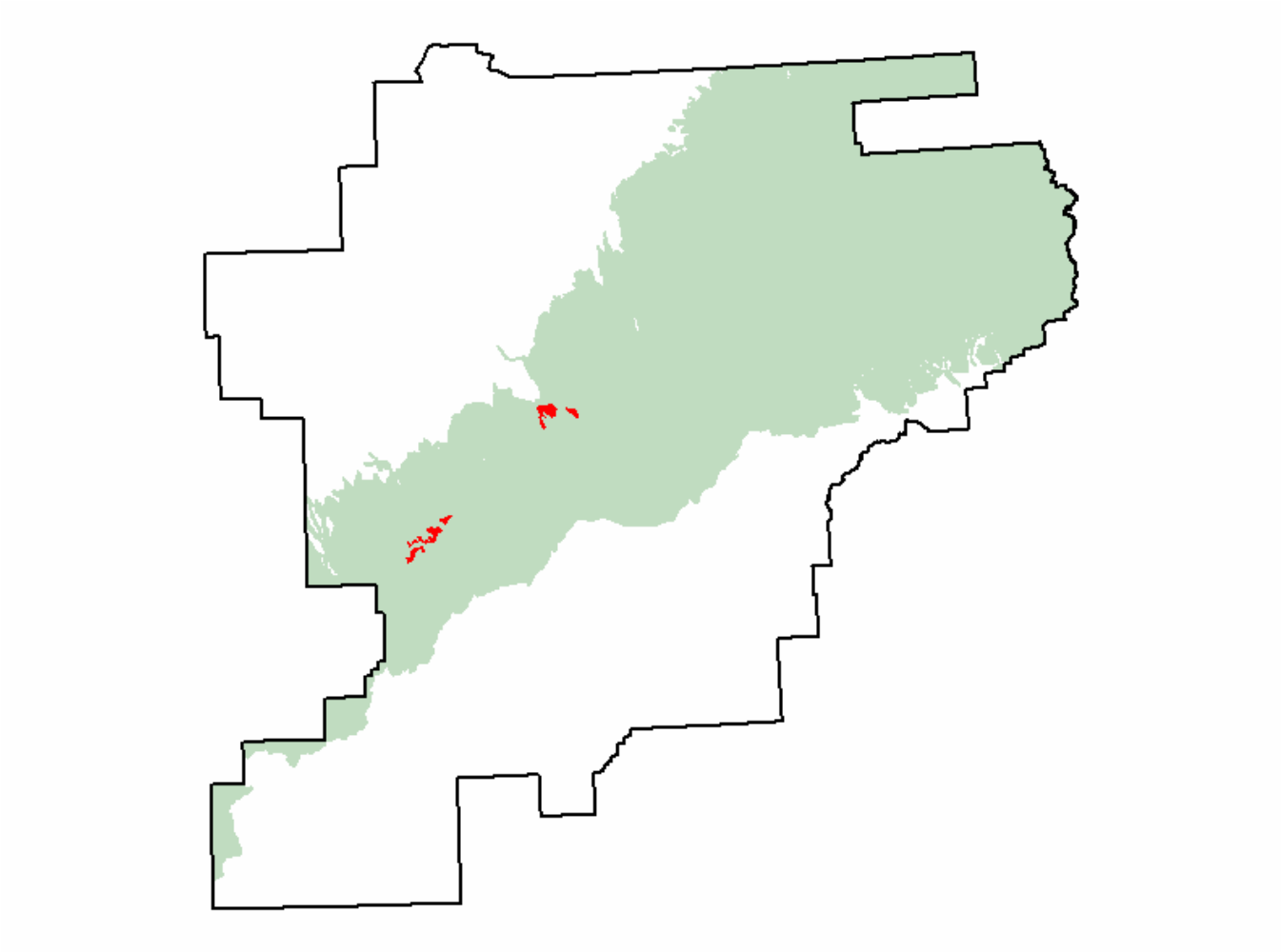
Typical Landscape

Typical Map Unit: 8FP2- Boreal Schist Flood Plains and Terraces
Soil Component: Boreal-riparian scrub gravelly schist flood plains, moderately wet

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Slopes, High Elevation (M135A_253)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

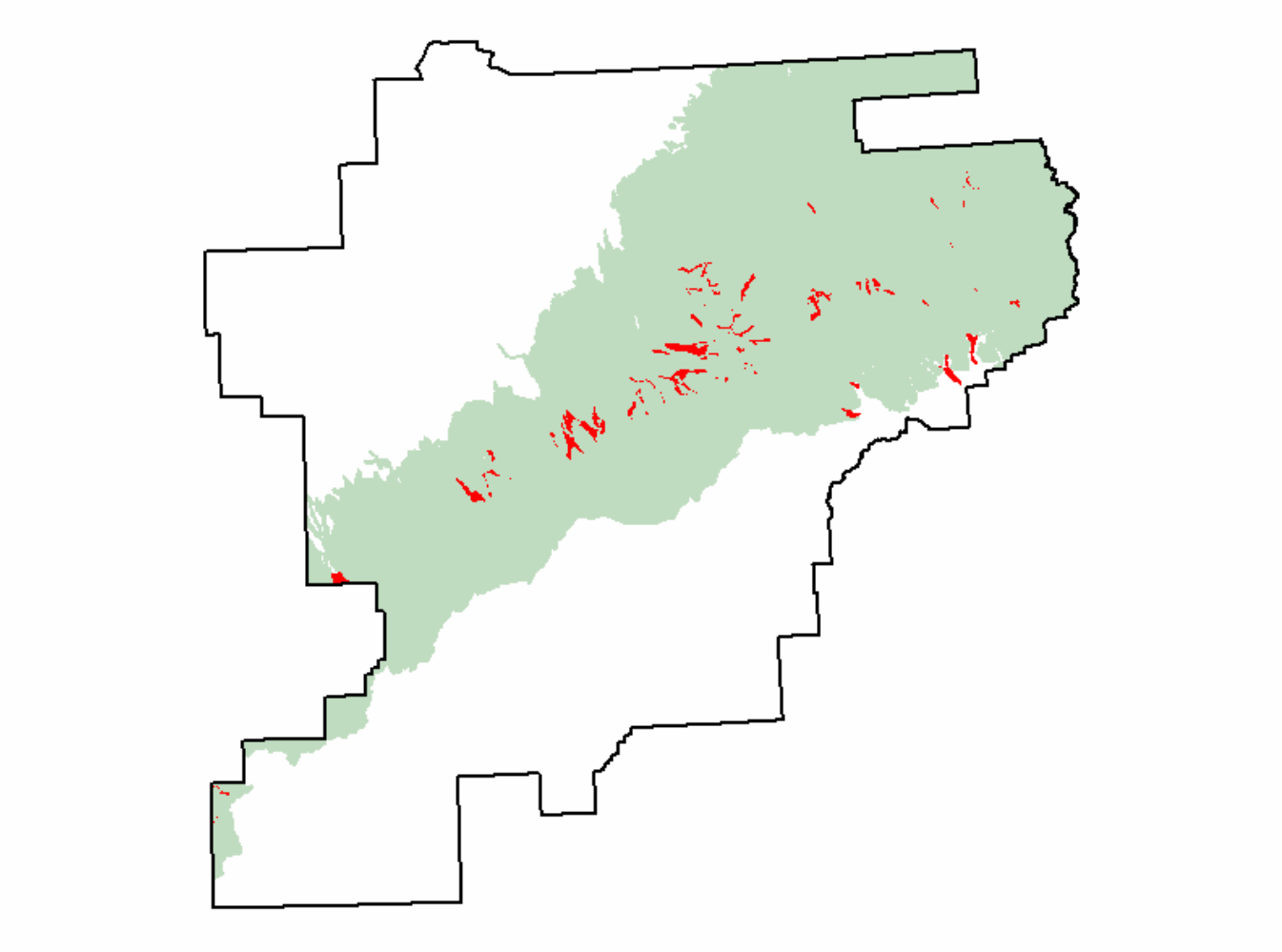
Landtype-Loamy Slopes, High Elevation (M135A_253

Typical Landscape
Typical Map Unit: 7AF-Alpine Alluvial Fans
Soil Component: Alpine-scrub silty fan terraces

Climax Plant Community

Typical Soil Profile

Landtype-Gravelly Low Flood Plains, High Elevation (M135A_257) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Gravelly Low Flood Plains, High Elevation (M135A_257)

Typical Landscape

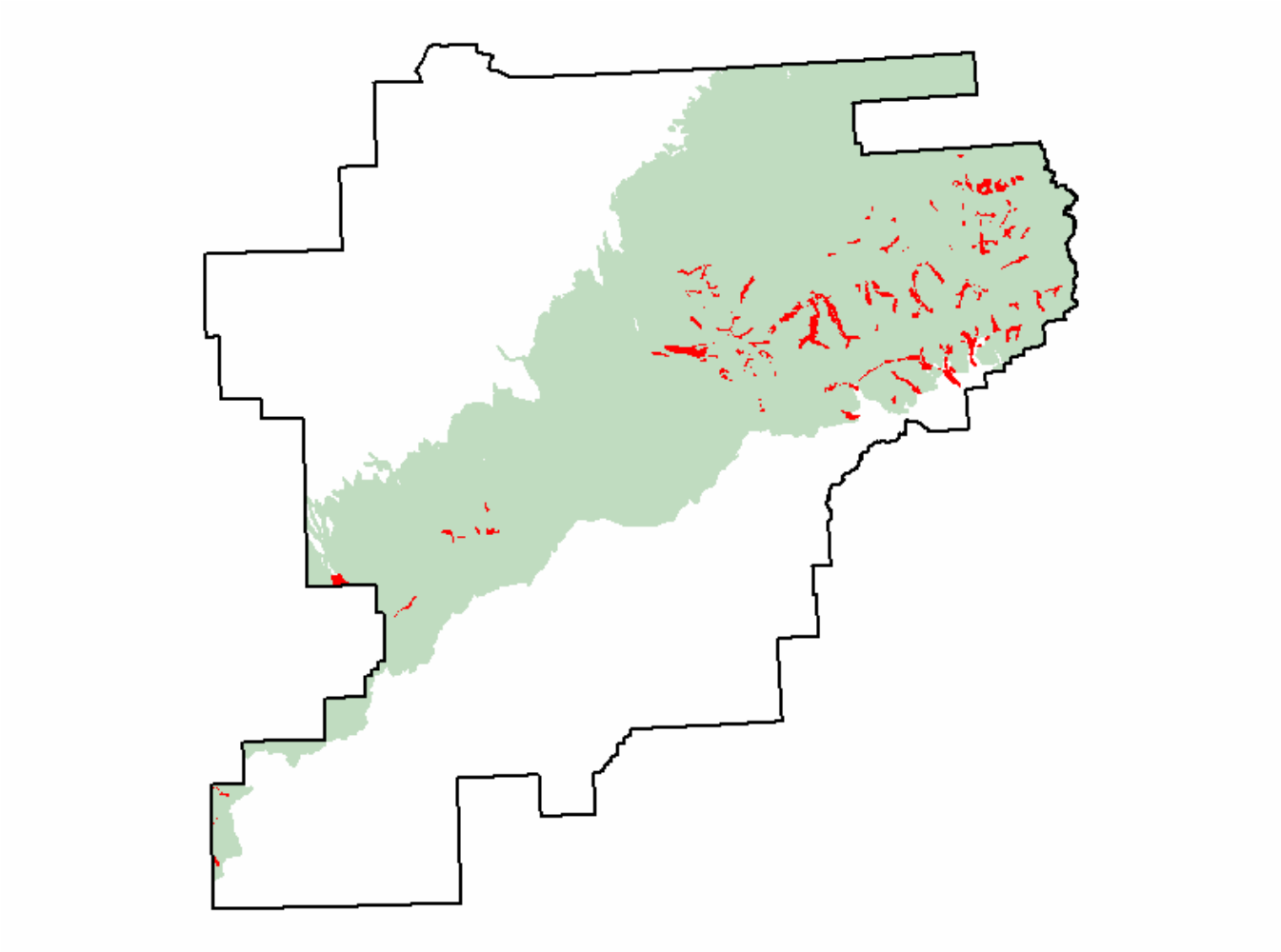
Typical Map Unit: 7FP21-Alpine Diorite Terraces and Flood Plains
Soil Component: Alpine-riparian scrub gravelly diorite flood plains, moderately wet

Climax plant community

Typical Soil Profile

Mid-stage of primary succession on flood plains

Landtype-Gravelly Flood Plains, Cool (M135A_258)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

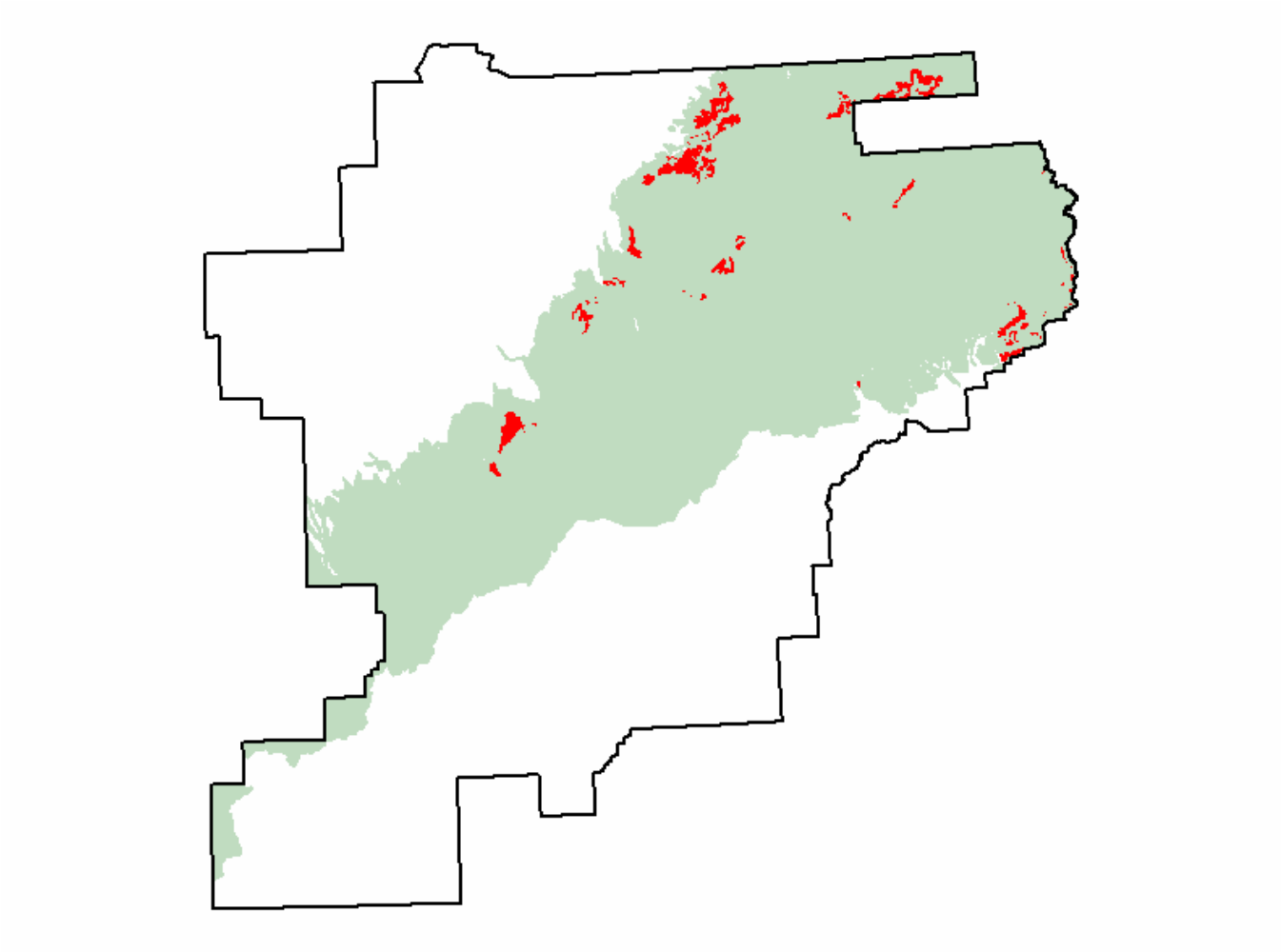
Landtype-Gravelly Flood Plains, Cool (M135A_258)

Typical Landscape
Typical Map Unit: 7FP2-Alpine Flood Plains
Soil Component: Alpine-riparian scrub gravelly flood plains

Climax Plant Community

Typical Soil Profile

Landtype-Gravelly Mountains, Acid (M135A_303)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

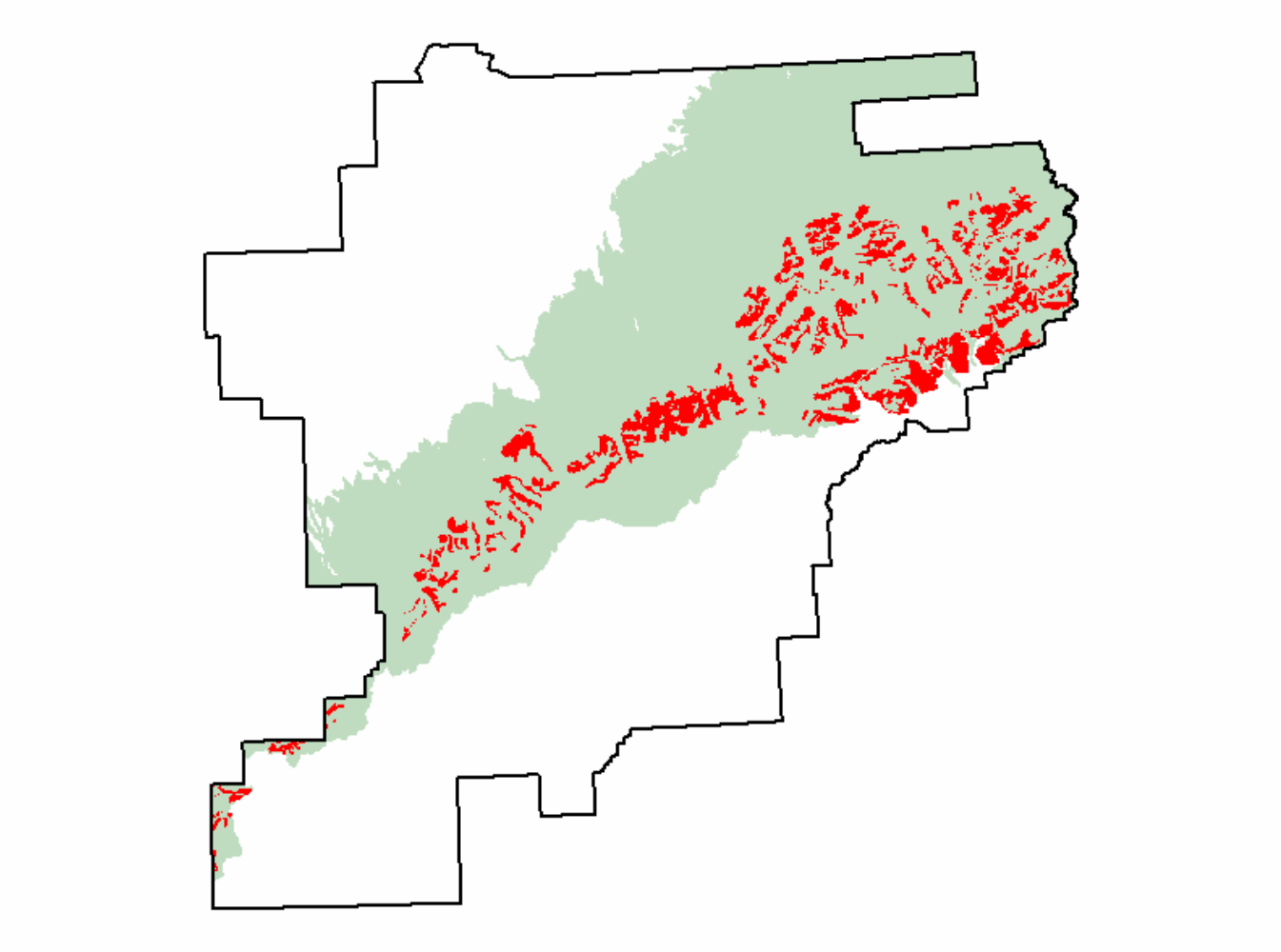
Landtype-Gravelly Mountains, Acid (M135A_303)

Typical Landscape
Typical Map Unit: 7SA31-Subalpine Mountains
Soil Component: Subalpine-scrub gravelly colluvial slopes

Climax Plant Community

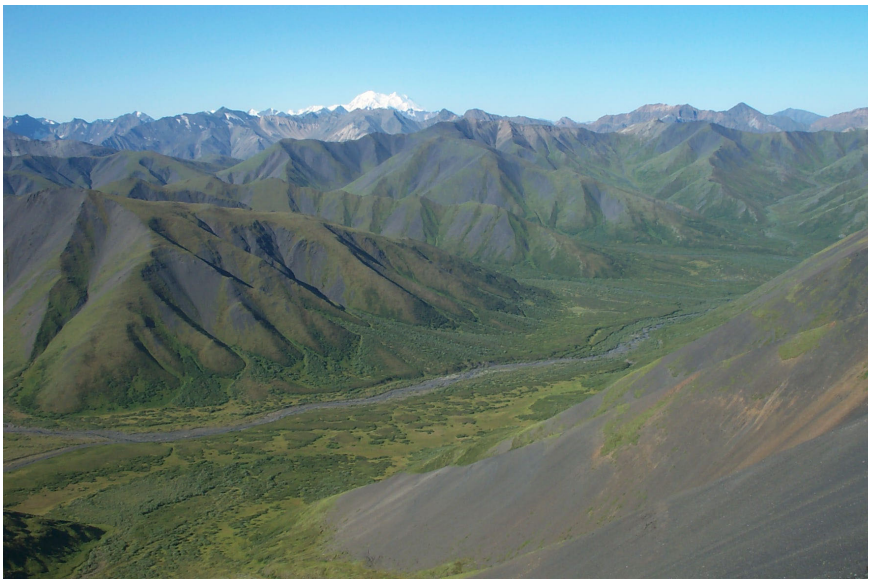
Typical Soil Profile

Landtype-Gravelly Mountains, Moist (M135A_306)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Gravelly Mountains, Moist (M135A_306)

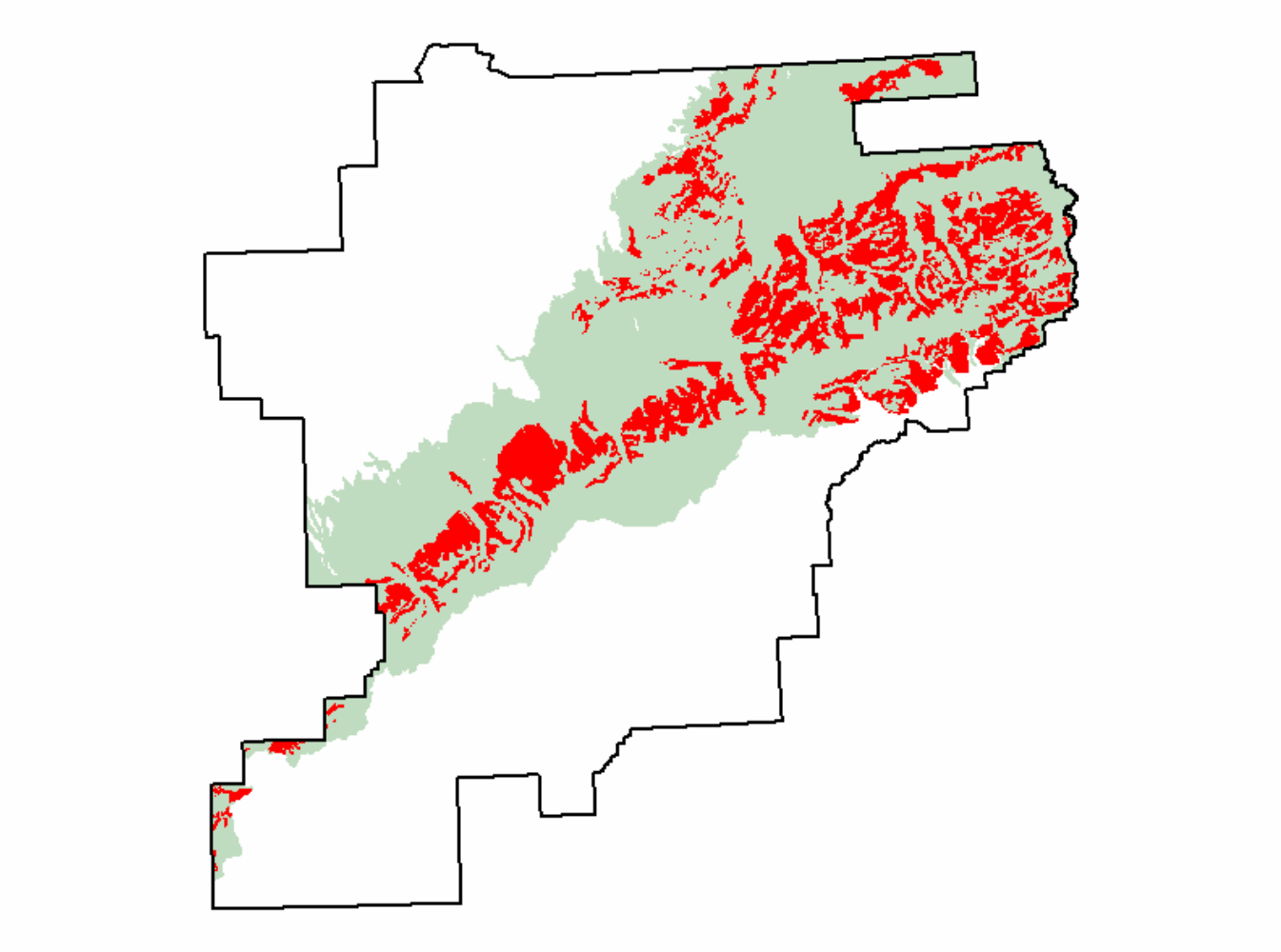


Typical Landscape
Typical Map Unit: 7MSHD-Alpine Dark Sedimentary Mountains, High Elevation
Soil Component: Alpine-dwarf scrub dark gravelly colluvial slopes, cold

Climax Plant Community

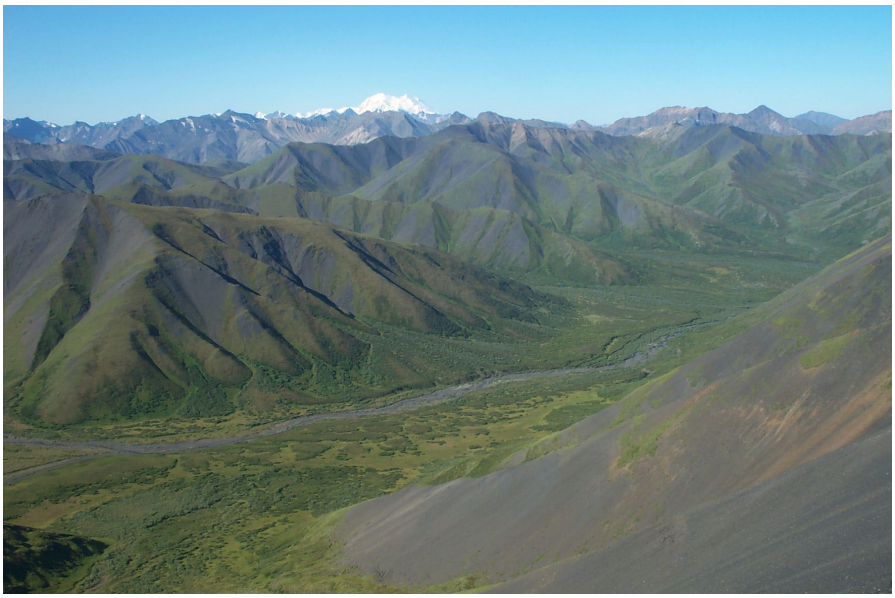
Typical Soil Profile

Landtype-Gravelly Mountains, High Elevation (M135A_310) Distribution Map and Photos

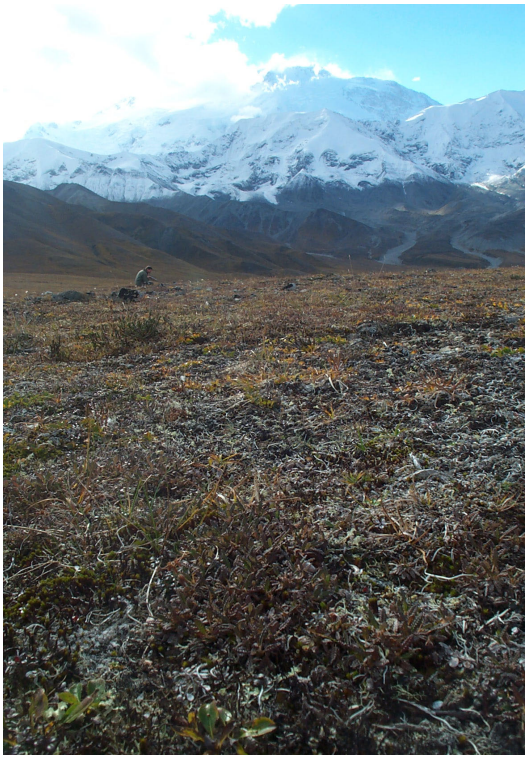


Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Gravelly Mountains, High Elevation (M135A_310)



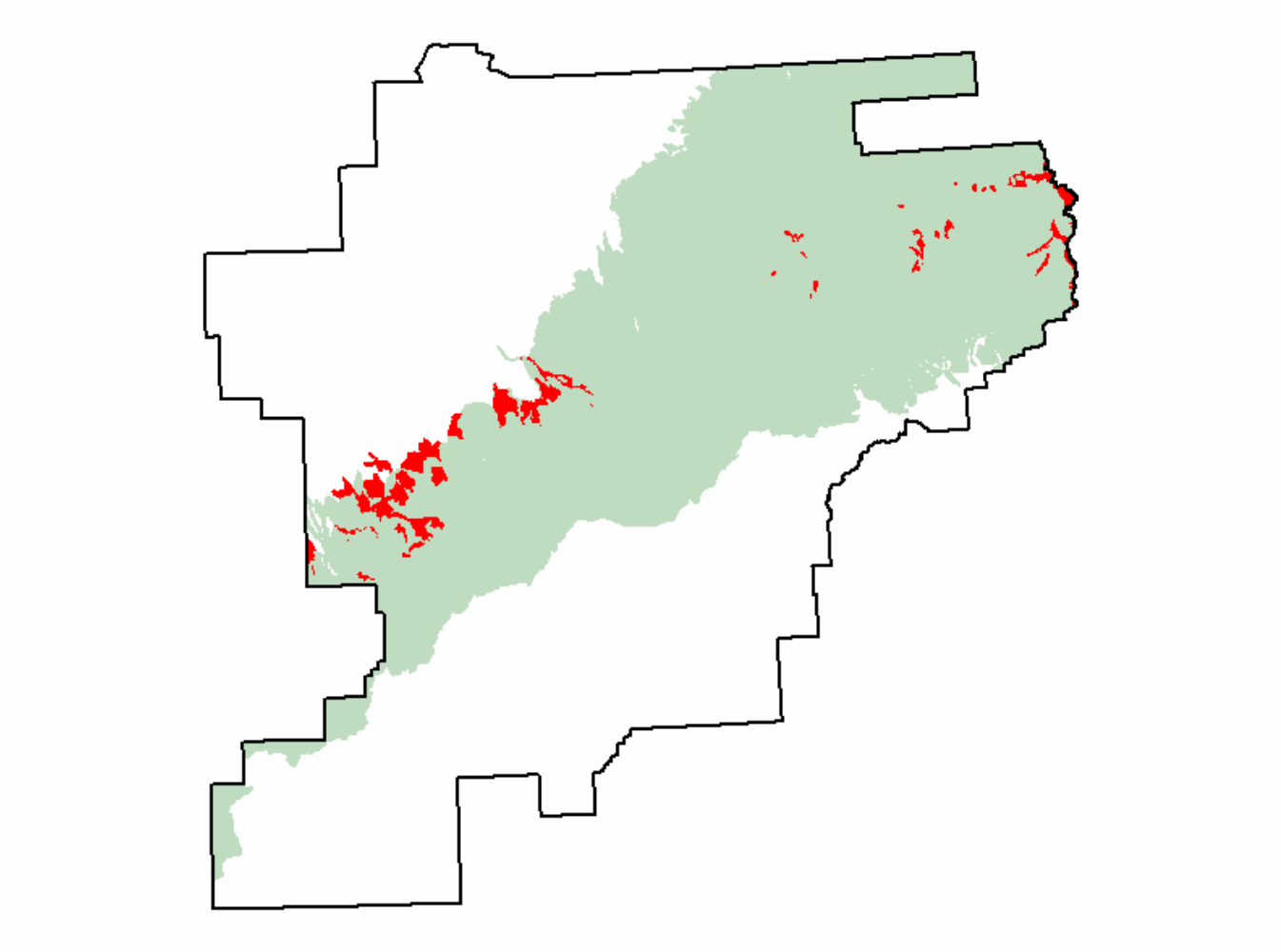
Typical Landscape
Typical Map Unit: 7MSHD-Alpine Dark Sedimentary Mountains, High Elevation
Soil Component: Alpine-dwarf scrub dark gravelly colluvial slopes



Potential Plant Community

Typical Soil Profile

Landtype-Gravelly and Sandy Slopes (M135A_350) Distribution Map and Photos

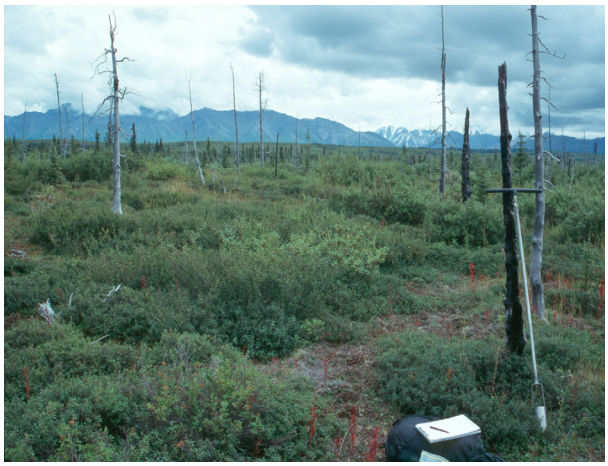


Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Gravelly and Sandy Slopes (M135A_350)

Typical Landscape
Typical Map Unit: 7V2-Boreal Fans and Mountain Footslopes
Soil Component: Boreal Woodland Gravelly Terraces

Climax plaint community secondary succession

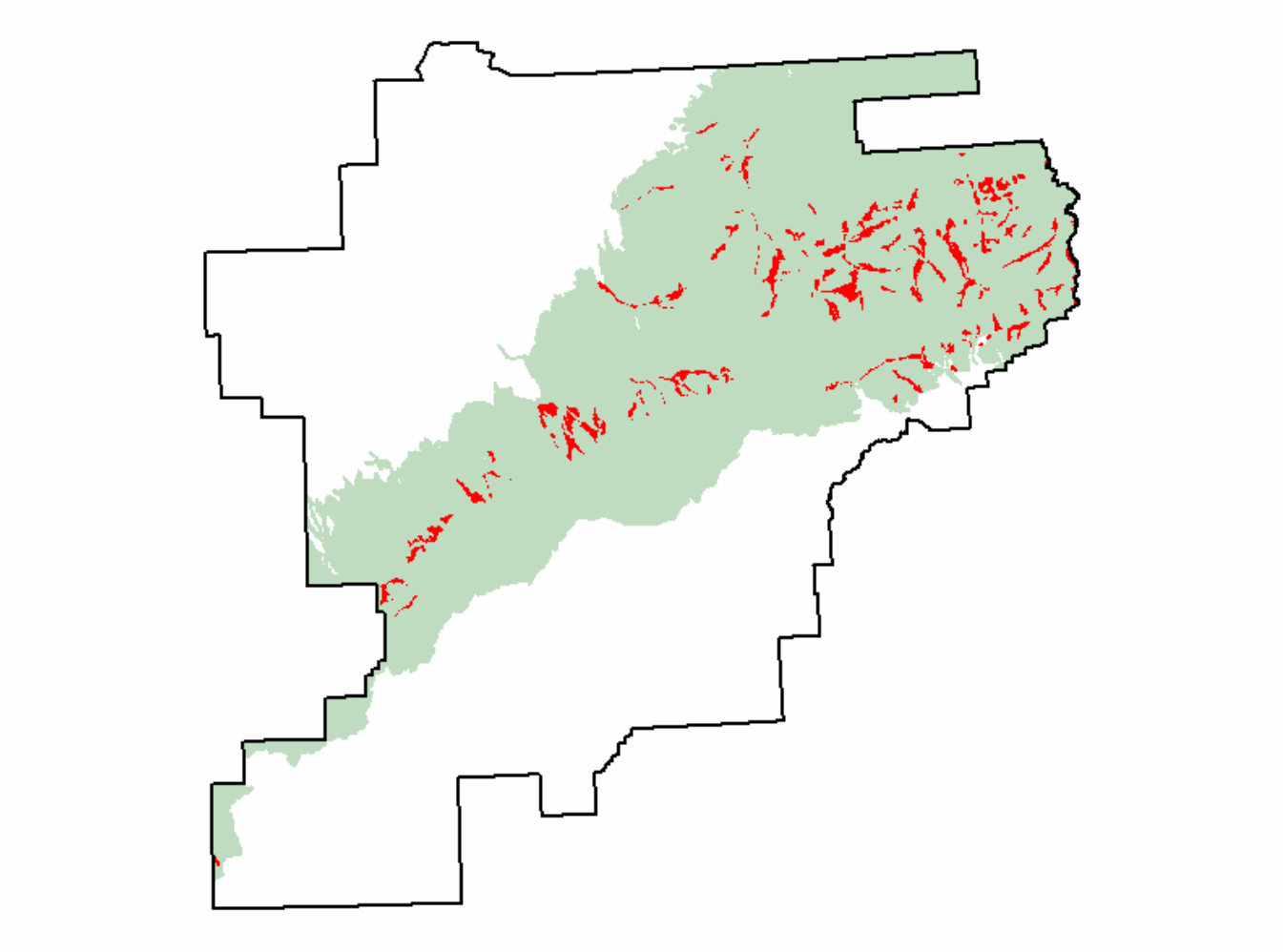


Mid-stage of fire induced

Climax Plant Community on drier microsites

Typical Soil Profile

Landtype-Gravelly and Sandy Terraces, High Elevation (M135A_352) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

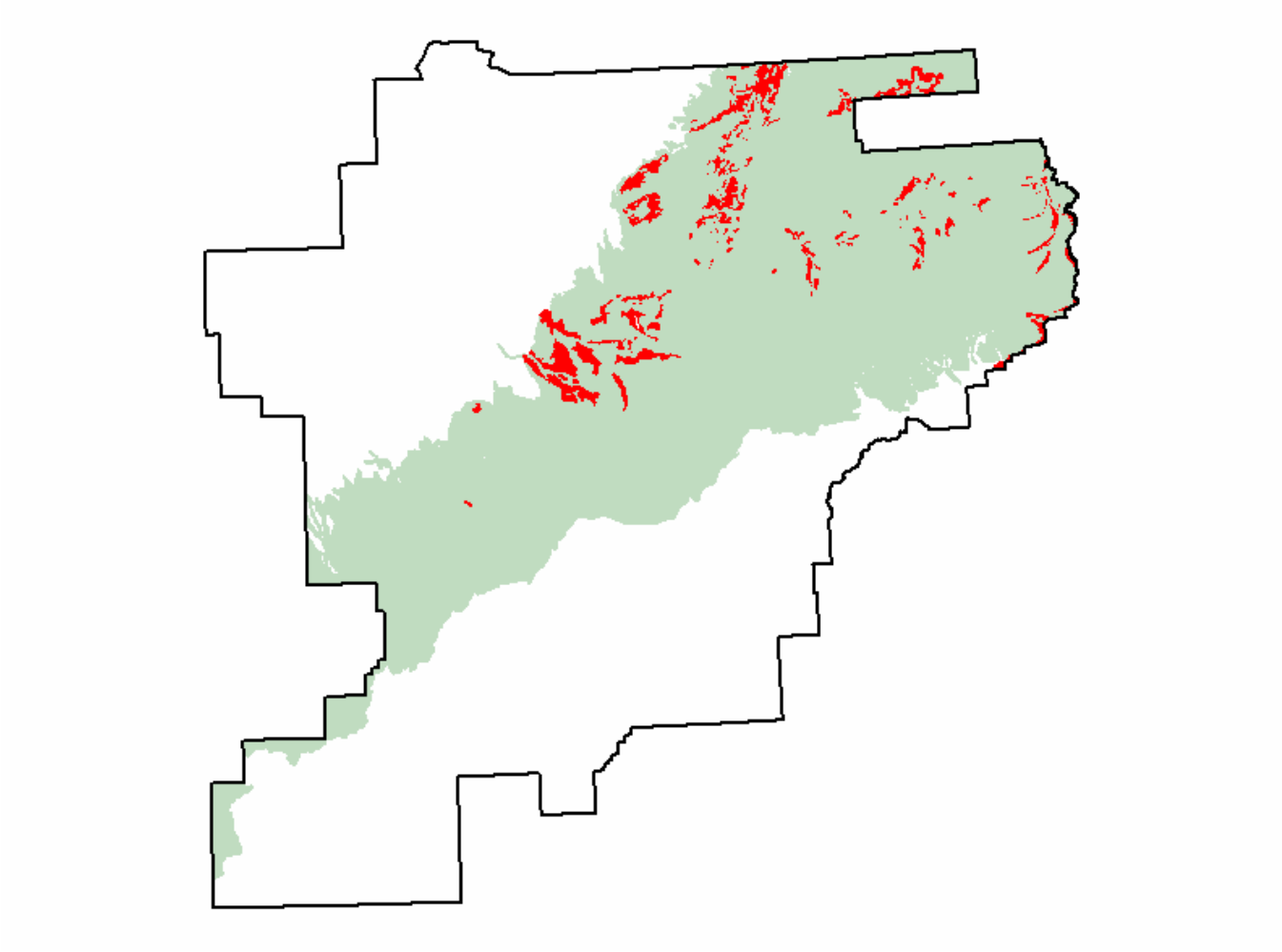
Landtype-Gravelly and Sandy Terraces, High Elevation (M135A_352)

Typical Landscape
Typical Map Unit: 5V1-Alpine Schist Alluvial Fans with Discontinuous Permafrost
Soil Component: Alpine-scrub gravelly schist terraces

Climax Plant Community

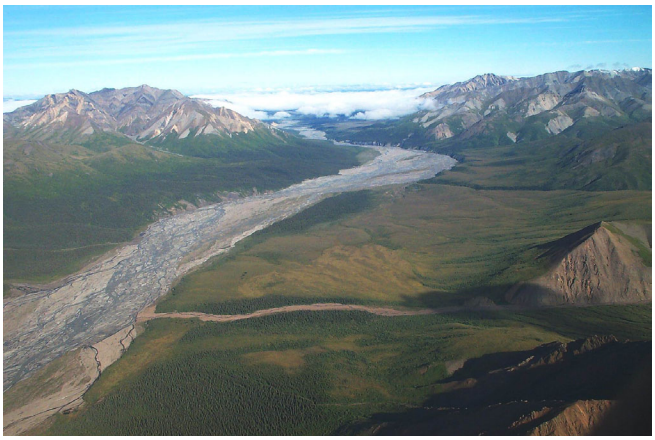
Typical Soil Profile

Landtype-Loamy Slopes, Wet (M135A_354)
Distribution Map and Photos

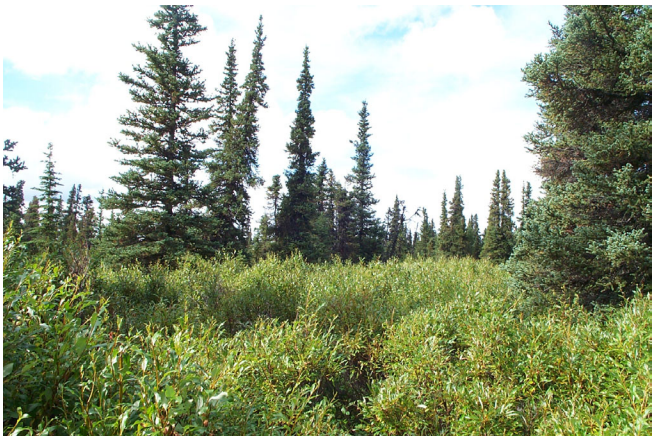


Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Loamy Slopes, Wet (M135A_354)



Typical Landscape
Typical Map Unit: 7MS2-Boreal Glaciated Lower Mountain Slopes
Soil Component: Boreal-forested gravelly till slopes, moderately wet

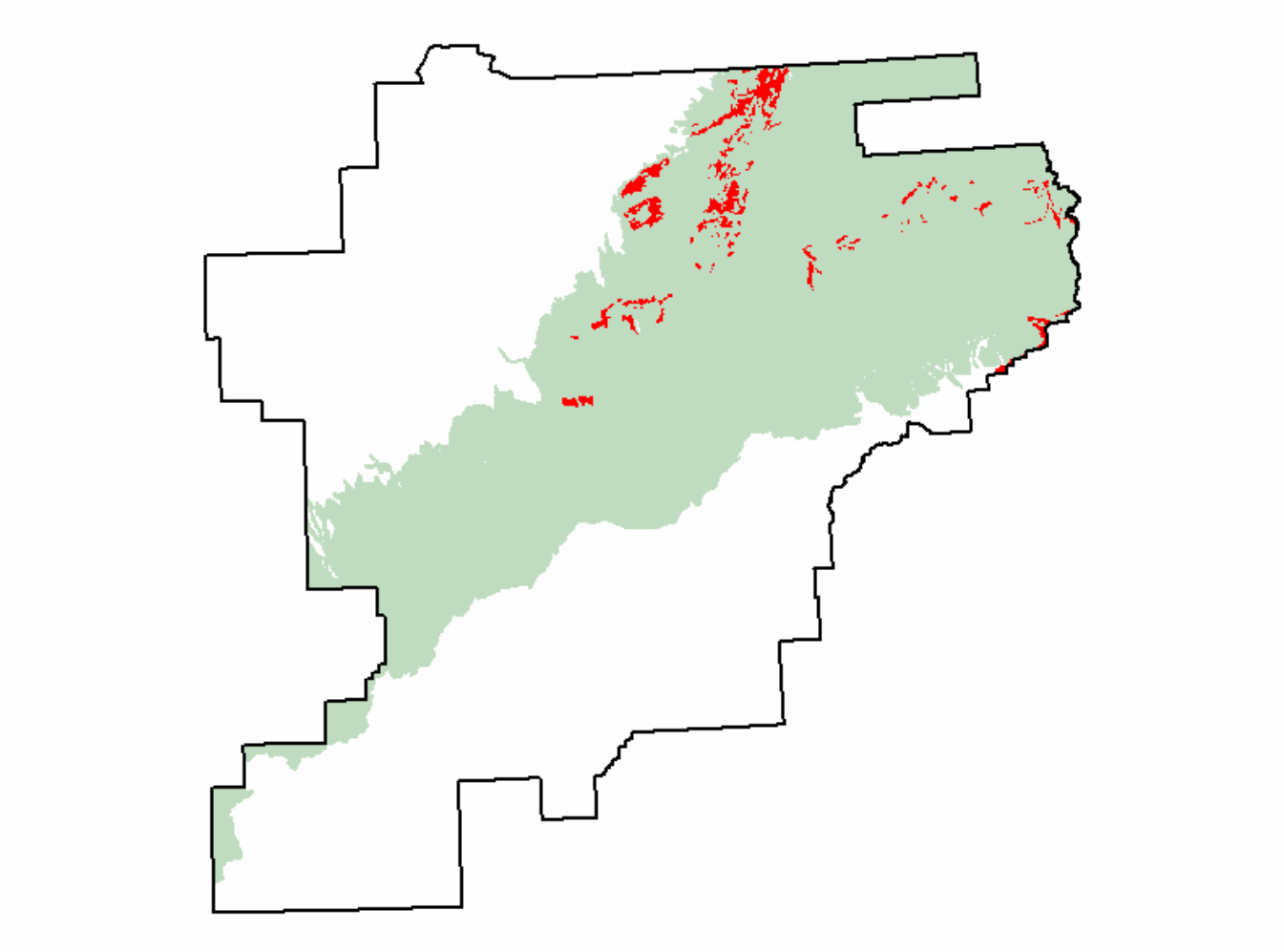


Late stage of fire induced secondary succession

Climax Plant Community

Typical Soil Profile

Landtype-Gravelly Mountains, Warm (M135A_355)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Gravelly Mountains, Warm (M135A_355)

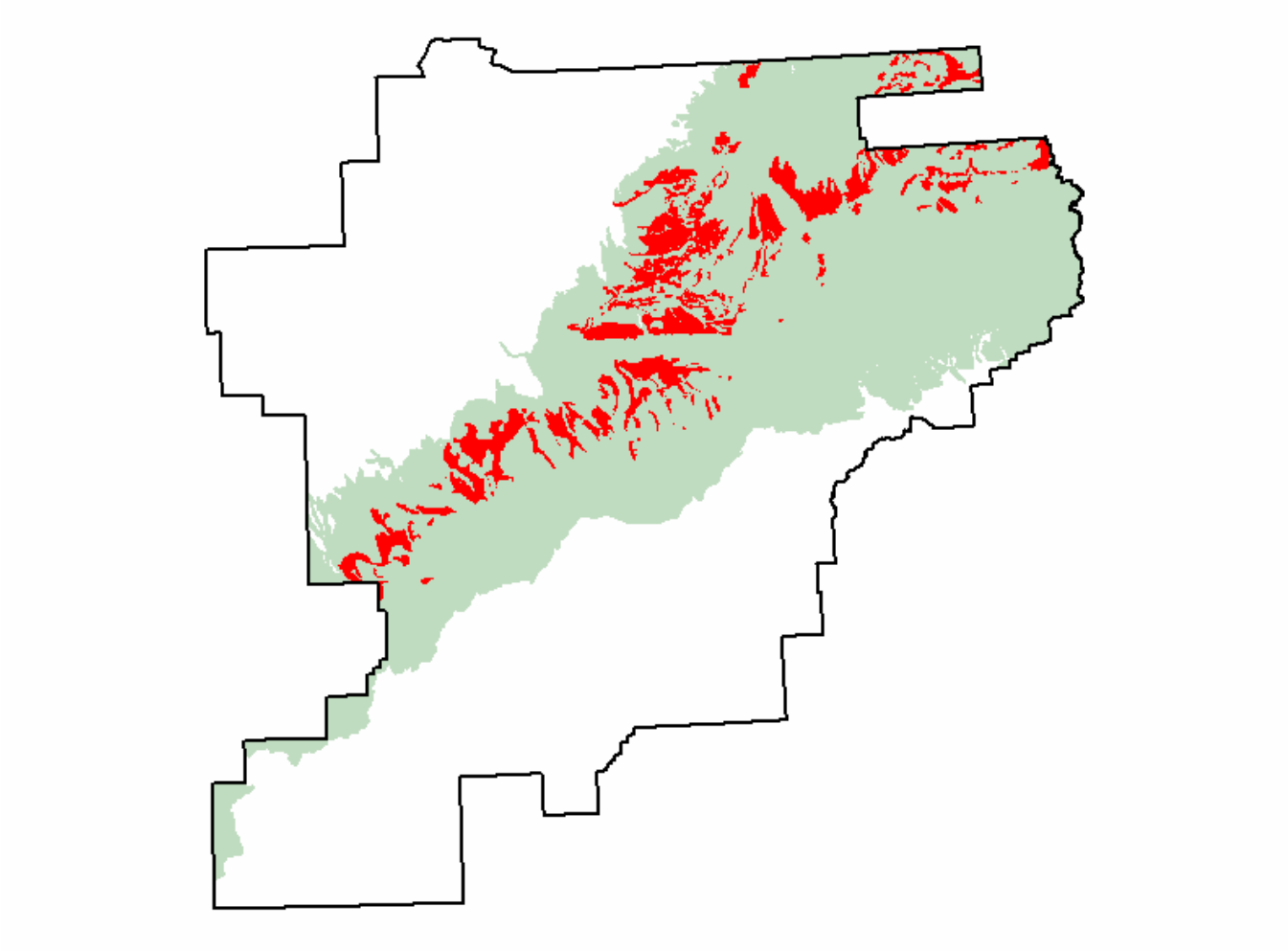
Typical Landscape
Typical Map Unit: 8MVF-Boreal and Subalpine Schist Mountain Valleys
Soil Component: Boreal-forested gravelly schist colluvial slopes

Late stage of fire induced secondary succession

Typical Soil Profile

Climax Plant Community

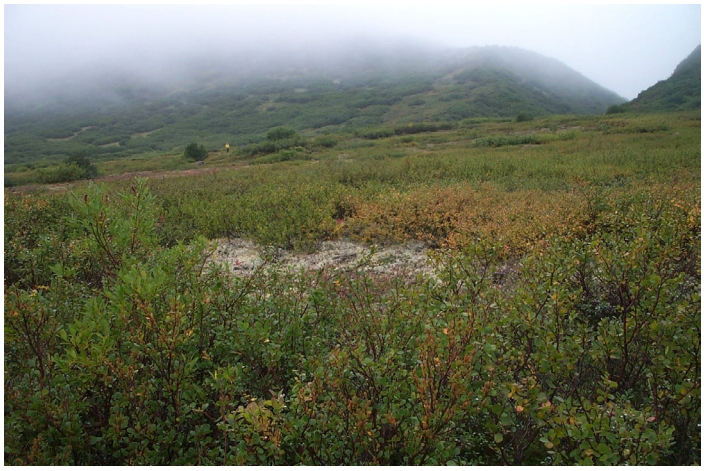
Landtype-Gravelly Slopes, High Elevation (M135A_356) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Gravelly Slopes, High Elevation (M135A_356)

Typical Landscape
Typical Map Unit: 7TP2-Alpine Till Plains and Hills with Discontinuous Permafrost
Soil Component: Alpine-scrub mosaic gravelly till slopes

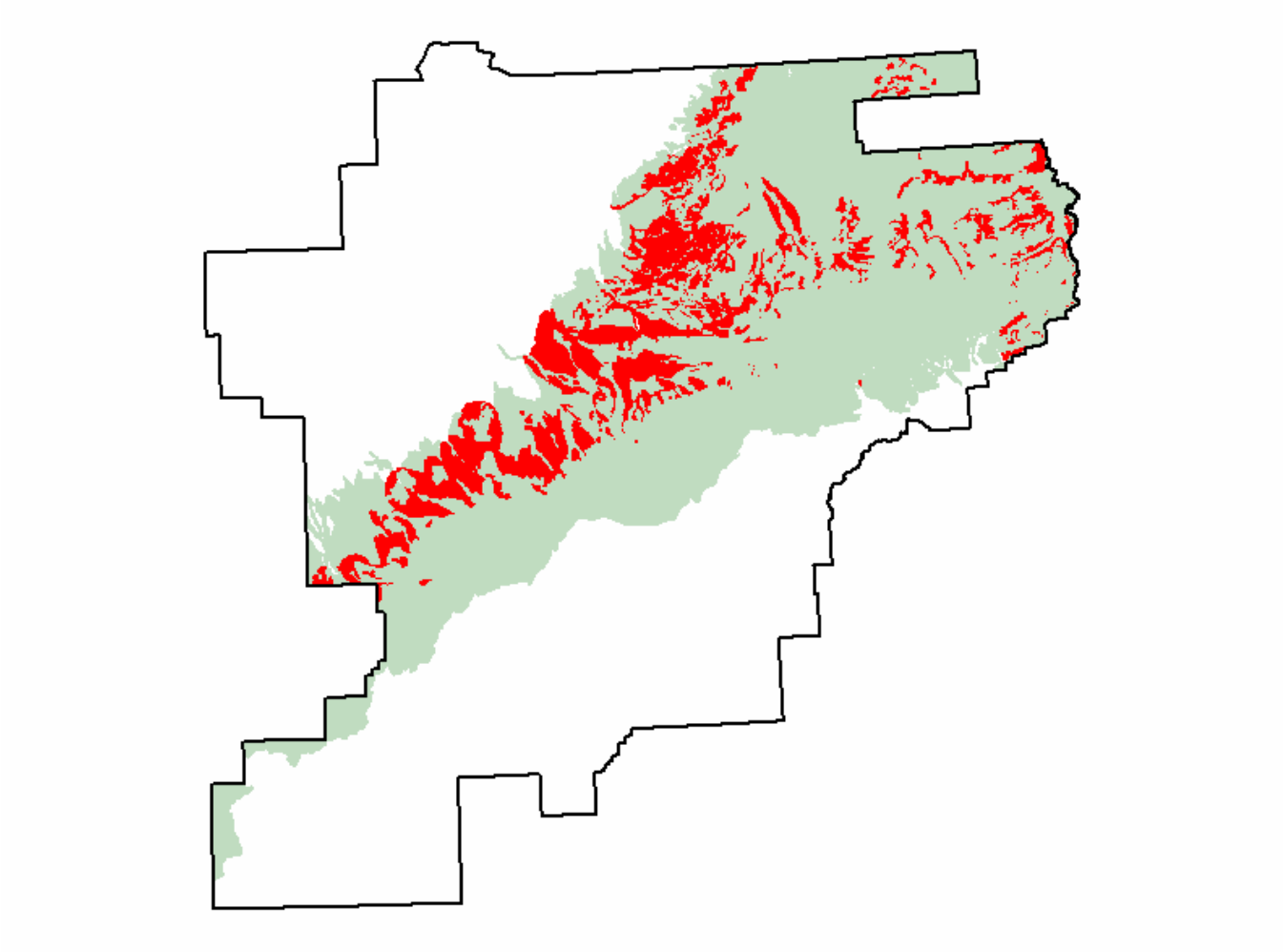


Climax Plant Community

Climax plant community on drier microsites

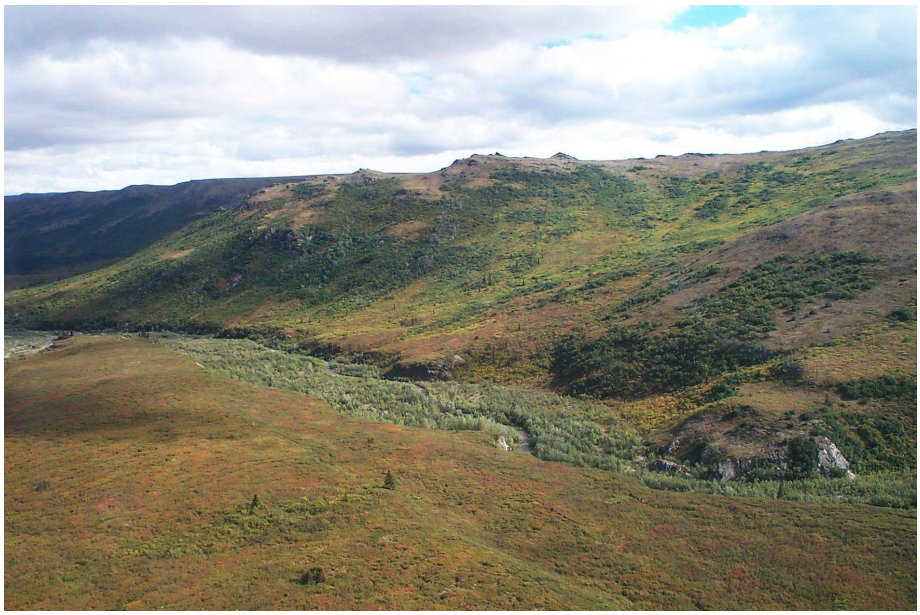
Typical Soil Profile

Landtype-Gravelly Slopes (M135A_358)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Gravelly Slopes (M135A_358)

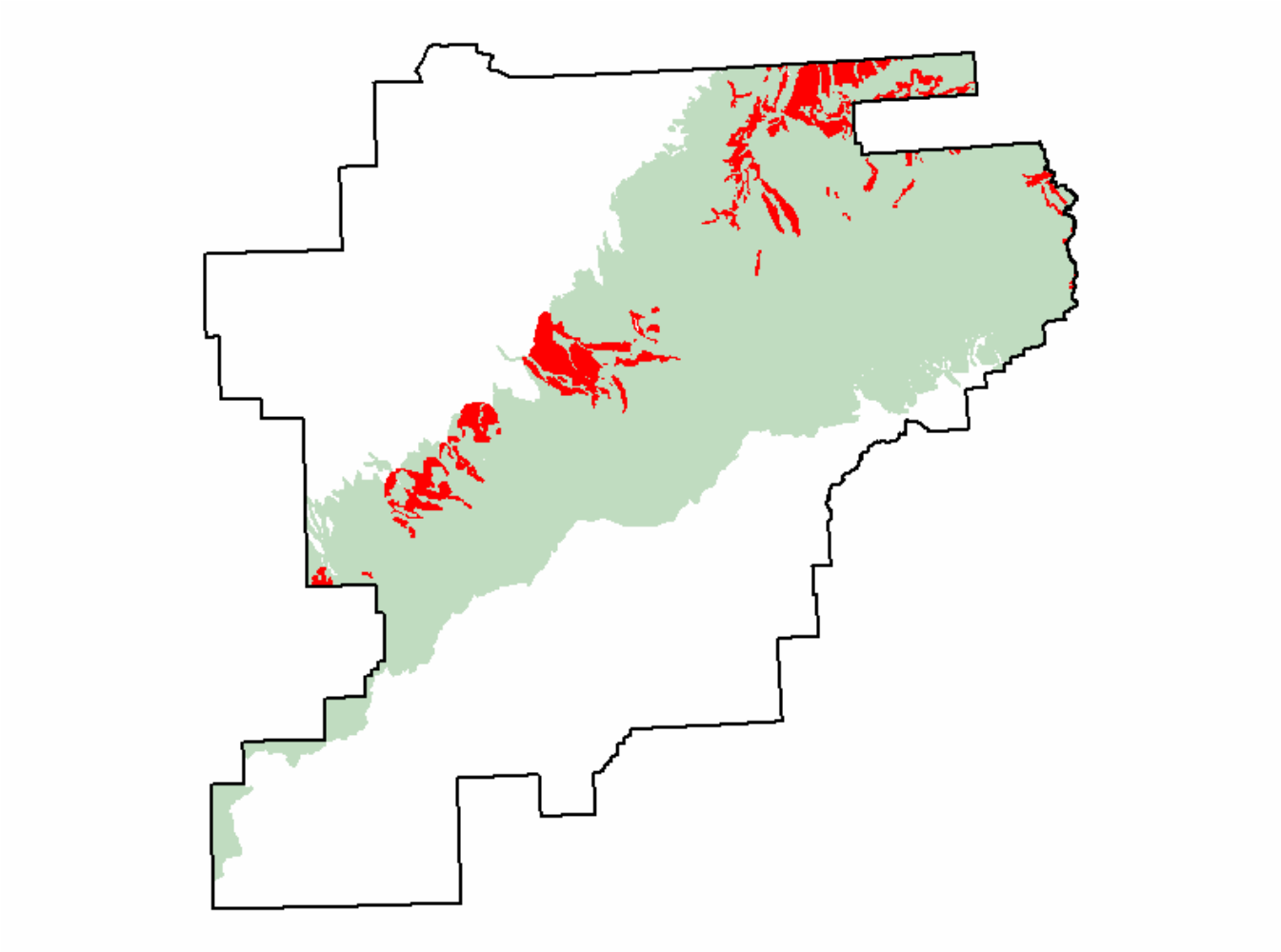


Typical Landscape
Typical Map Unit: 8MBS-Alpine Schist Mountains with Discontinuous Permafrost
Soil Component: Alpine-scrub gravelly schist colluvial slopes

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Frozen Slopes (M135A_400)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Loamy Frozen Slopes (M135A_400)

Typical Landscape
Typical Map Unit: 10TS1-Boreal Mountain Toeslopes with Discontinuous Permafrost, Nenana Gravels
Soil Component: Boreal-taiga gravelly slopes, frozen

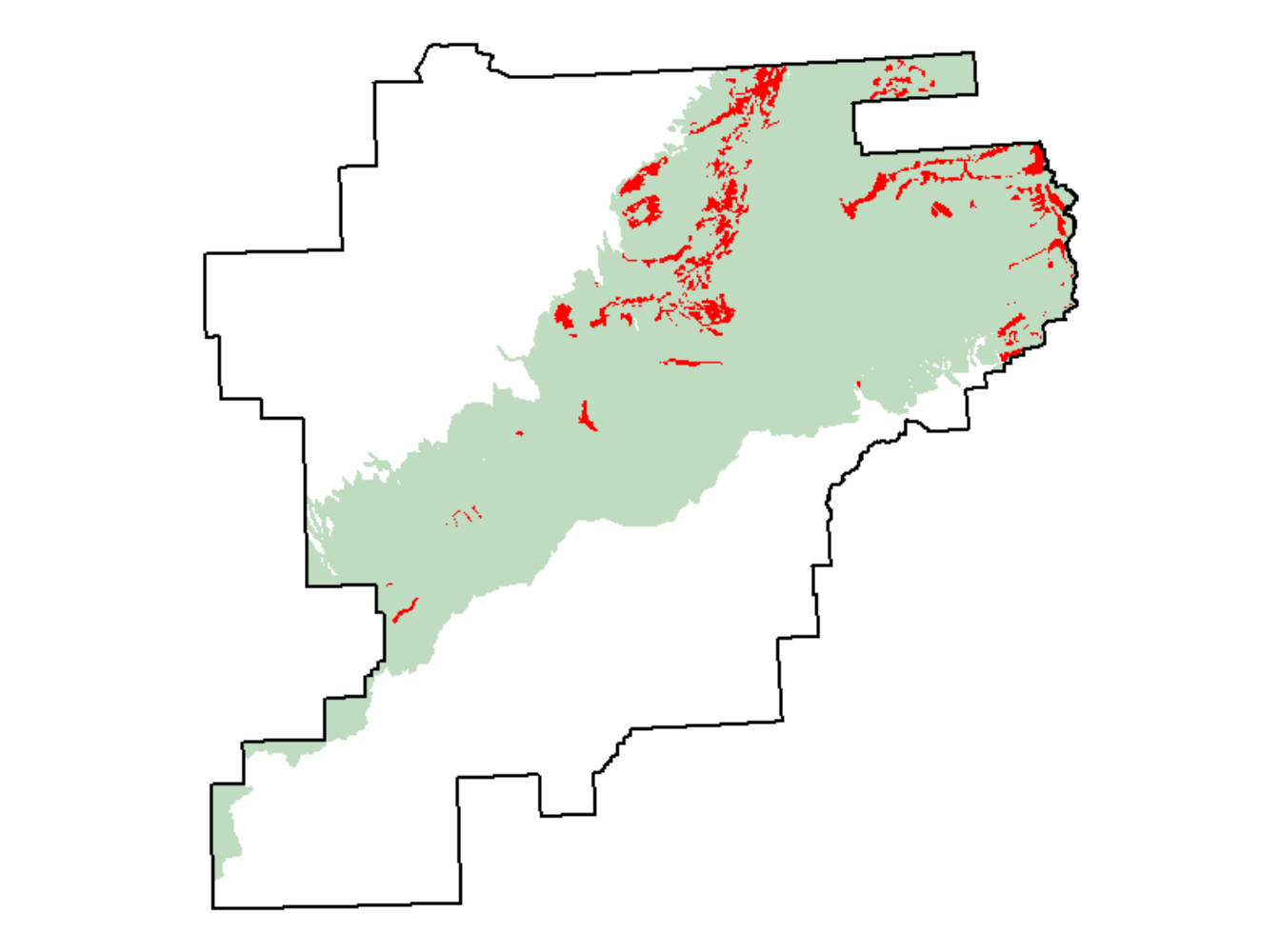
Climax Plant Community

Typical Soil Profile

Early stage of fire induced secondary succession

Late stage of fire induced secondary succession

Landtype-Swales (M135A_405)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Swales (M135A_405)

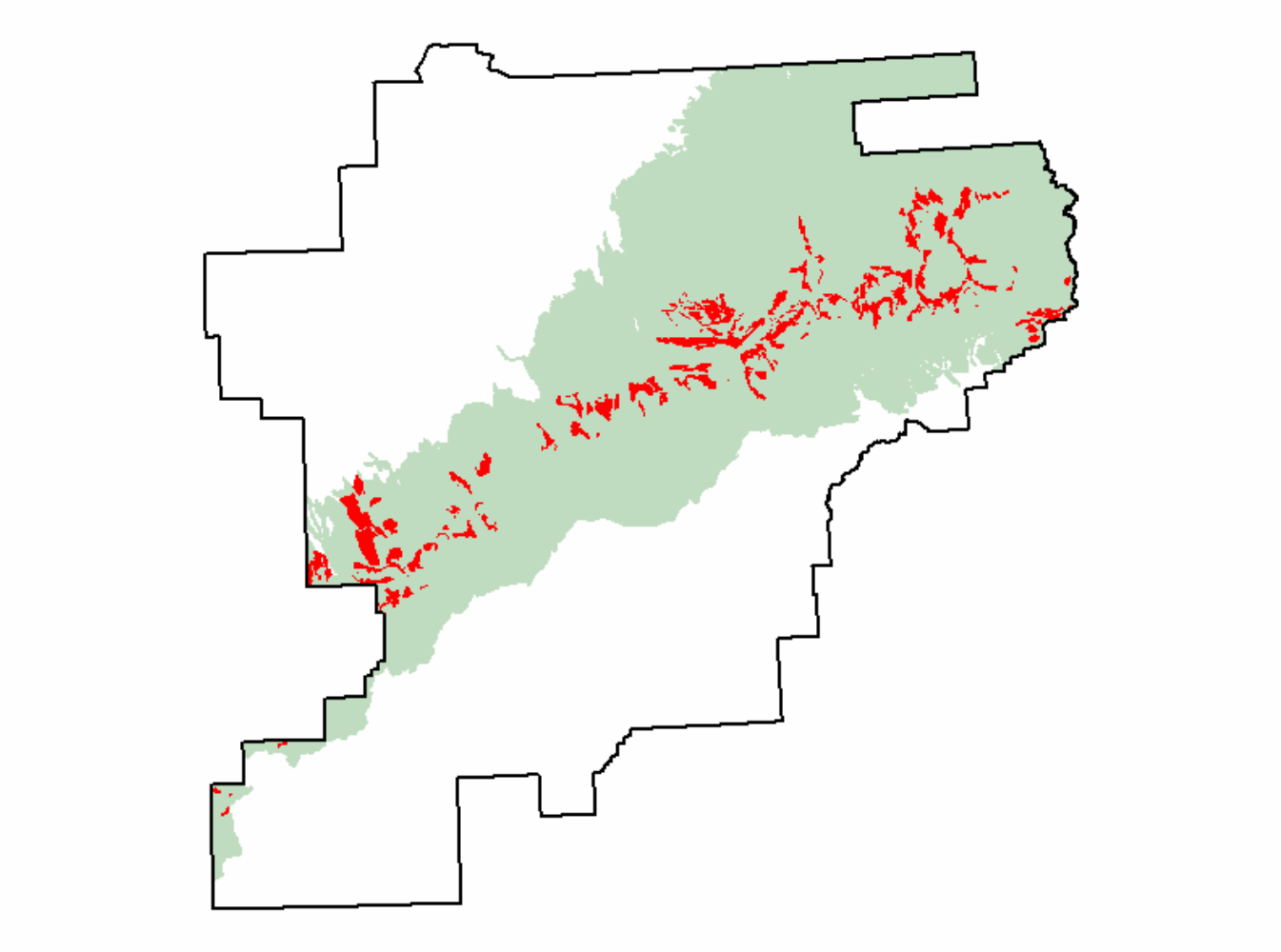
Typical Landscape
Typical Map Unit: 8MFS-Alpine and Subalpine Schist Lower Mountain Slopes with Discontinuous Permafrost
Soil Component: Subalpine-scrub-meadow mosaic gravelly schist swales

Climax Plant Community

Typical Soil Profile

Climax plant community on wetter microsites

Landtype-Swales, High Elevation (M135A_420)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Swales, High Elevation (M135A_420)

Typical Landscape

Typical Map Unit: 7TM1-Alpine Glaciated Mountains with Discontinuous Permafrost, High Elevation

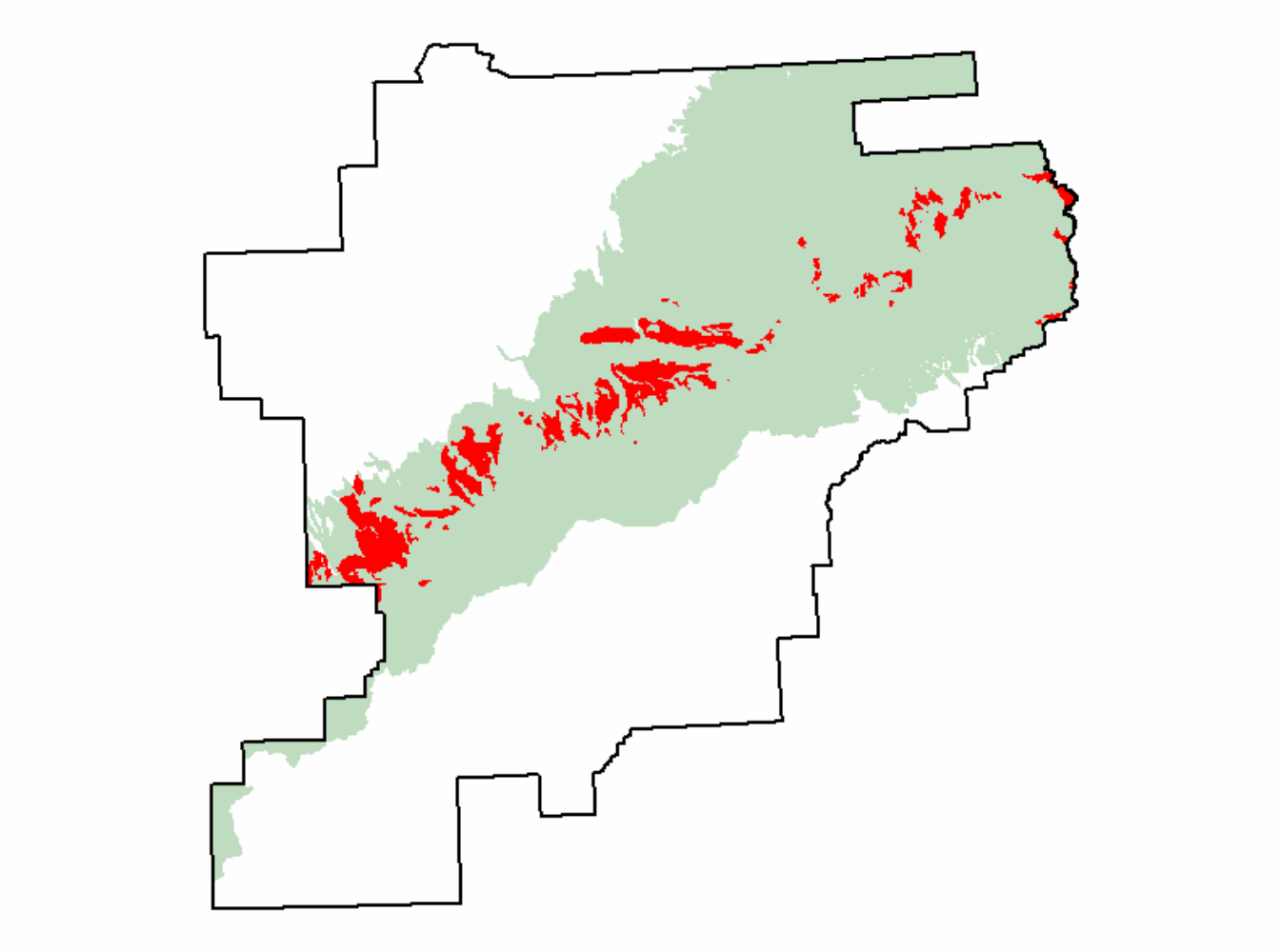
Soil Component: Alpine-scrub-meadow mosaic gravelly till swales

Climax Plant Community

Climax plant community on wetter microsites

Typical Soil Profile

Landtype-Pond Margins (M135A_500)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the Alaska Mountains Section is illustrated in gray.

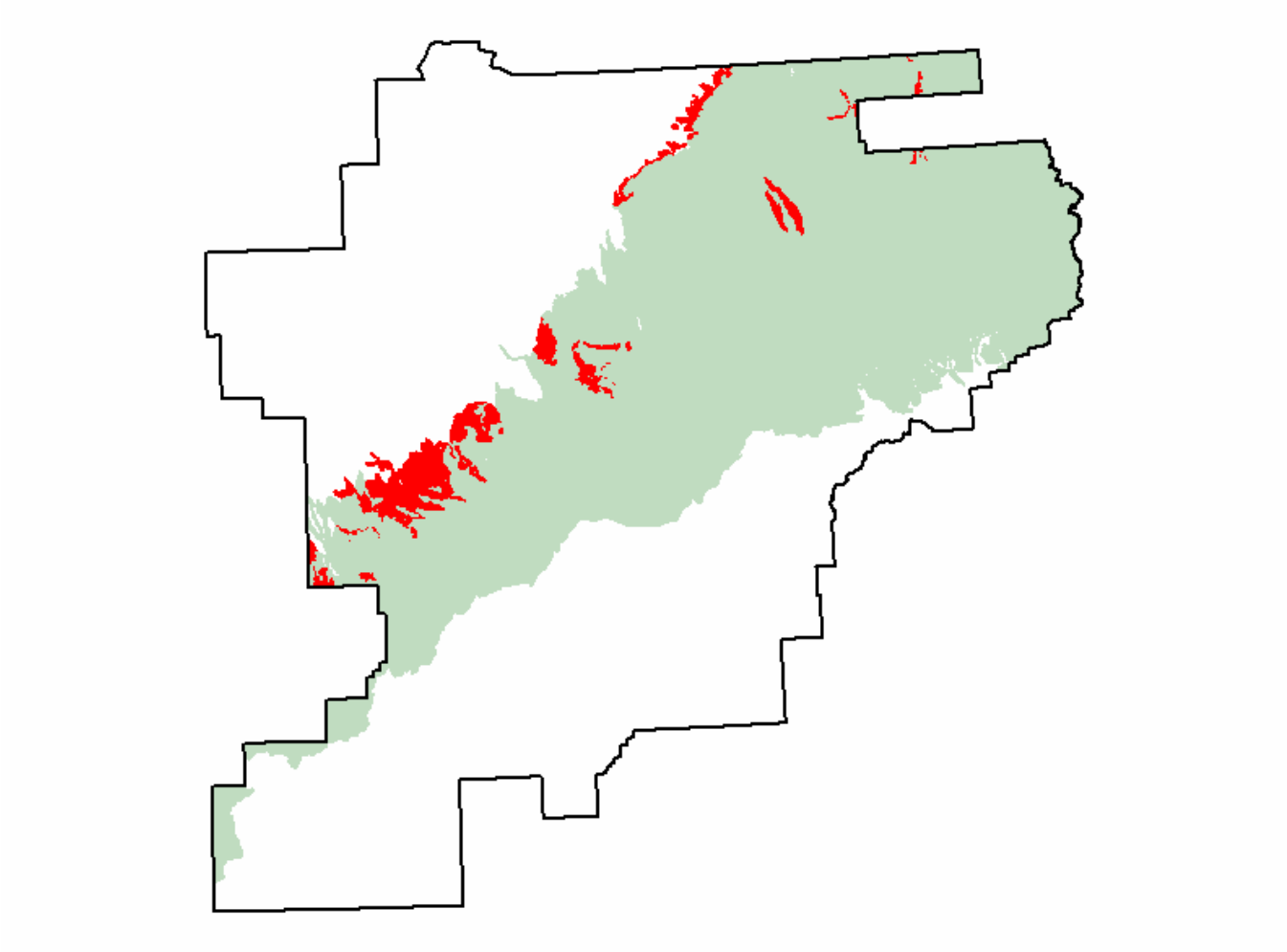
Landtype-Pond Margins (M135A_500)

Typical Landscape
Typical Map Unit: 7TP-Alpine Till Plains with Discontinuous Permafrost
Soil Component: Alpine-wet meadow gravelly pond margins

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Drainages, Frozen (M135A_502)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the Alaska Mountains Section is illustrated in gray.

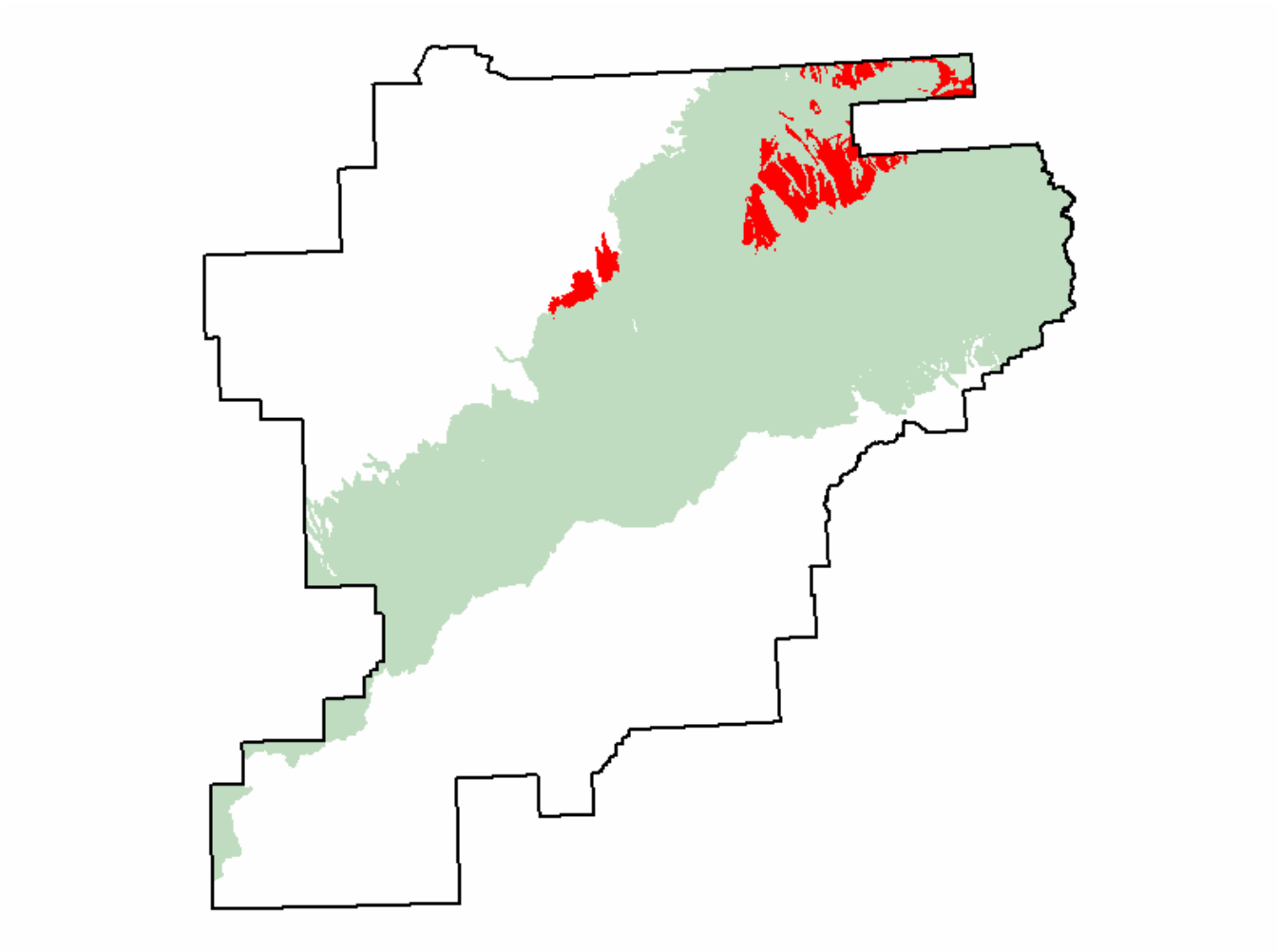
Landtype-Loamy Drainages, Frozen (M135A_502)

Typical Landscape
Typical Map Unit: 7P6-Boreal Outwash Plains with Continuous Permafrost
Soil Component: Boreal-riparian tall scrub silty frozen drains

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Drainages, High Elevation (M135A_505) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the Alaska Mountains Section is illustrated in gray.

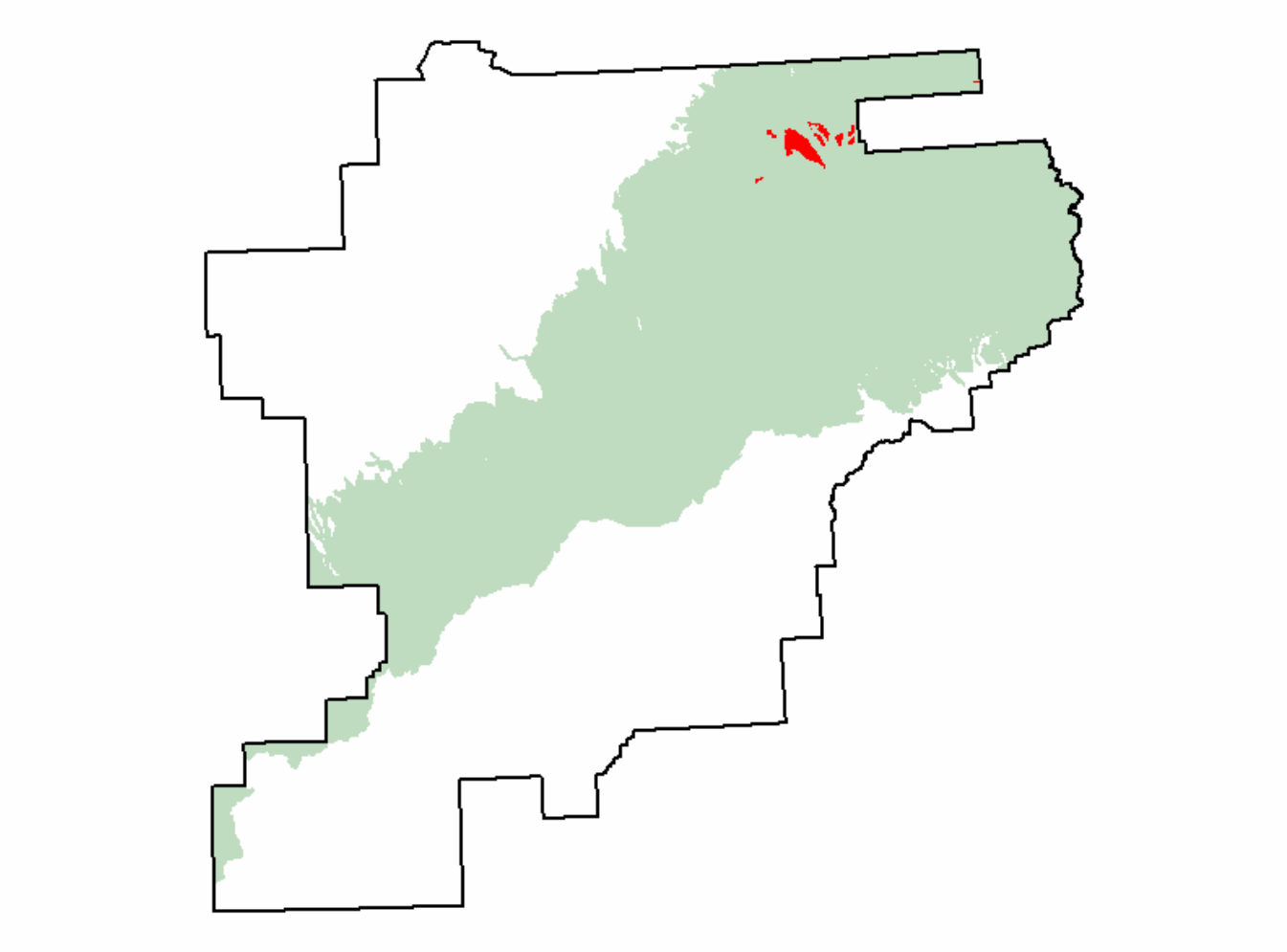
Landtype-Loamy Drainages, High Elevation (M135A_505)

Typical Landscape
Typical Map Unit: 10TS1-Boreal Mountain Toeslopes with Discontinuous Permafrost, Nenana Gravels
Soil Component: Subalpine-riparian scrub loamy drains

Climax Plant Community

Typical Soil Profile

Landtype-Organic Depressions, Bogs (M135A_530)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

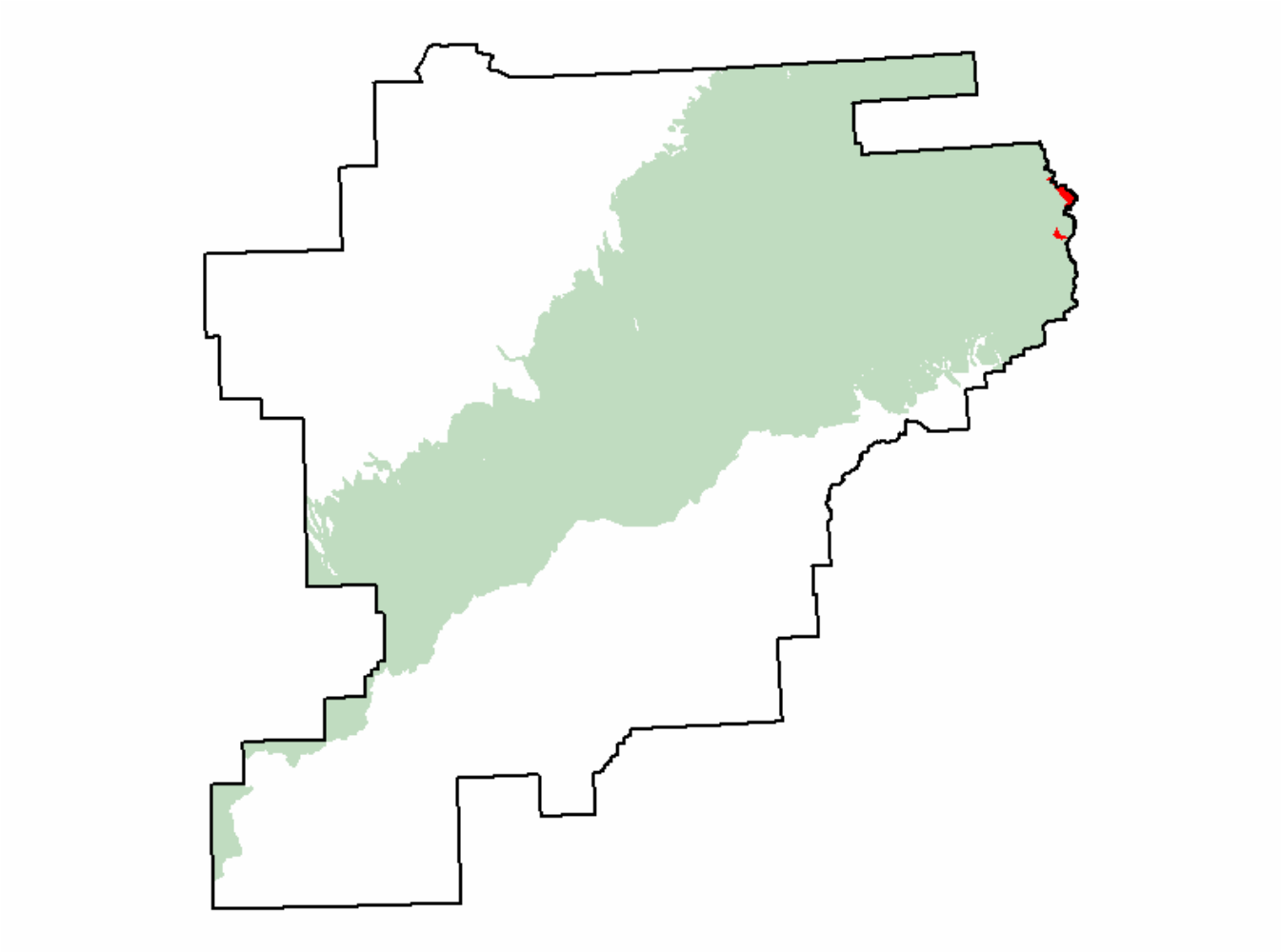
Landtype-Organic Depressions, Bogs (M135A_530)

Typical Landscape
Typical Map Unit: 7TP5-Boreal and Alpine Till Plains and Hills with Discontinuous Permafrost
Soil Component: Boreal-sedge/sphagnum bog organic depressions

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Depressions (M135A_550)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

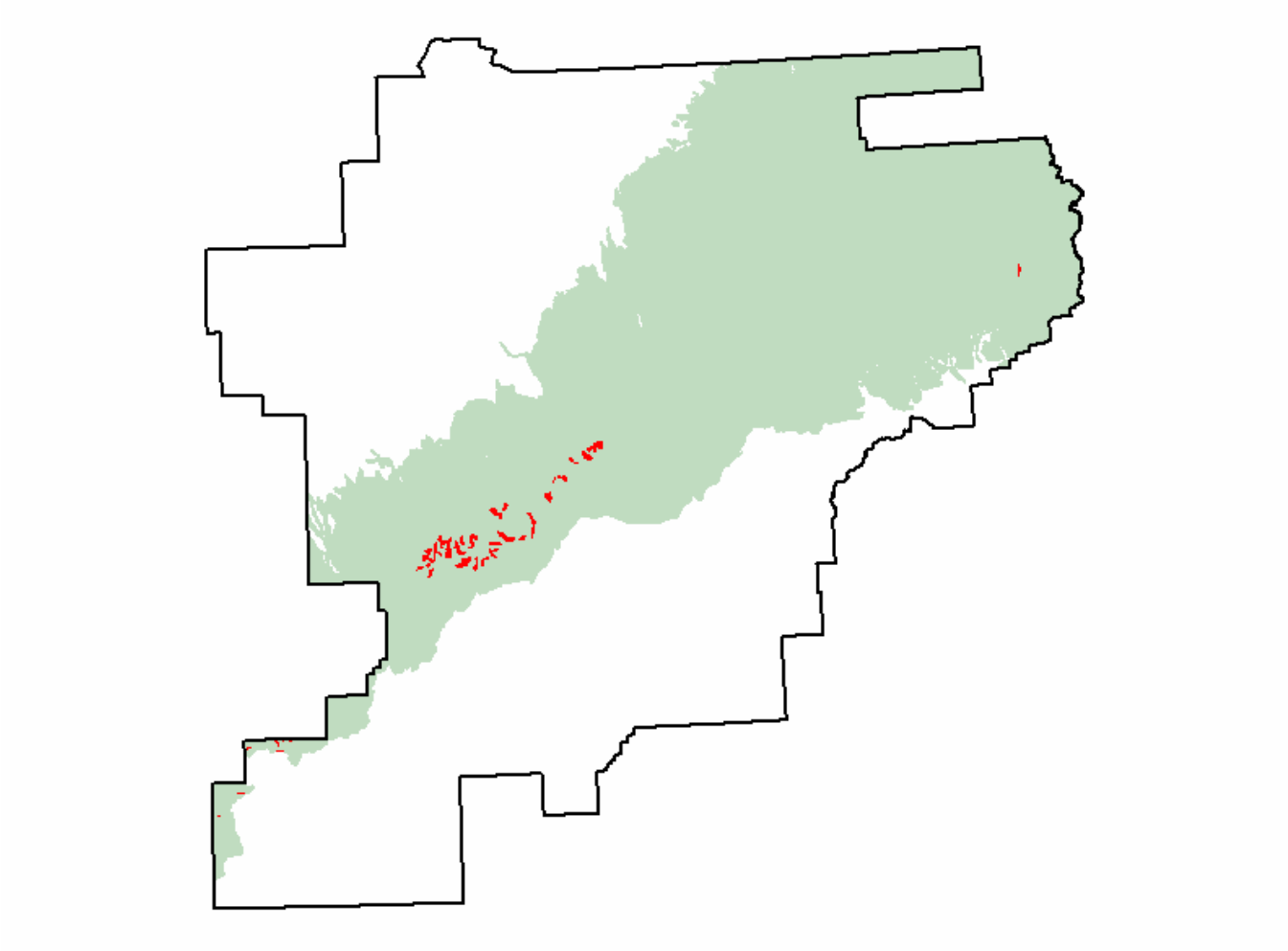
Landtype-Loamy Depressions (M135A_550)

Typical Landscape
Typical Map Unit: 7P2-Boreal Glaciated Plains and Hills
Soil Component: Boreal-meadow loamy outwash depressions

Climax Plant Community

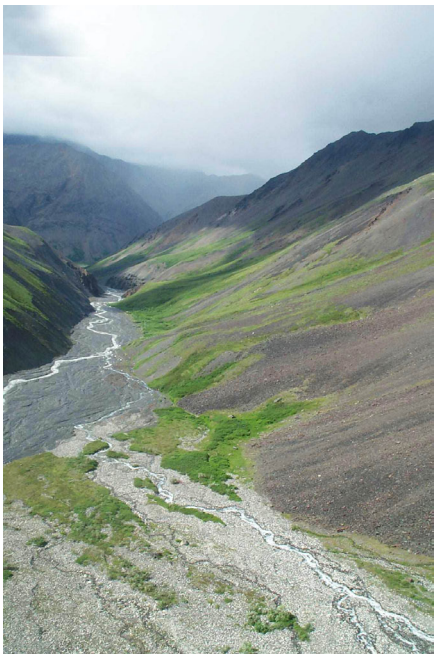
Typical Soil Profile

Landtype-Loamy Depressions, High Elevation (M135A_551)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Loamy Depressions, High Elevation (M135A_551)

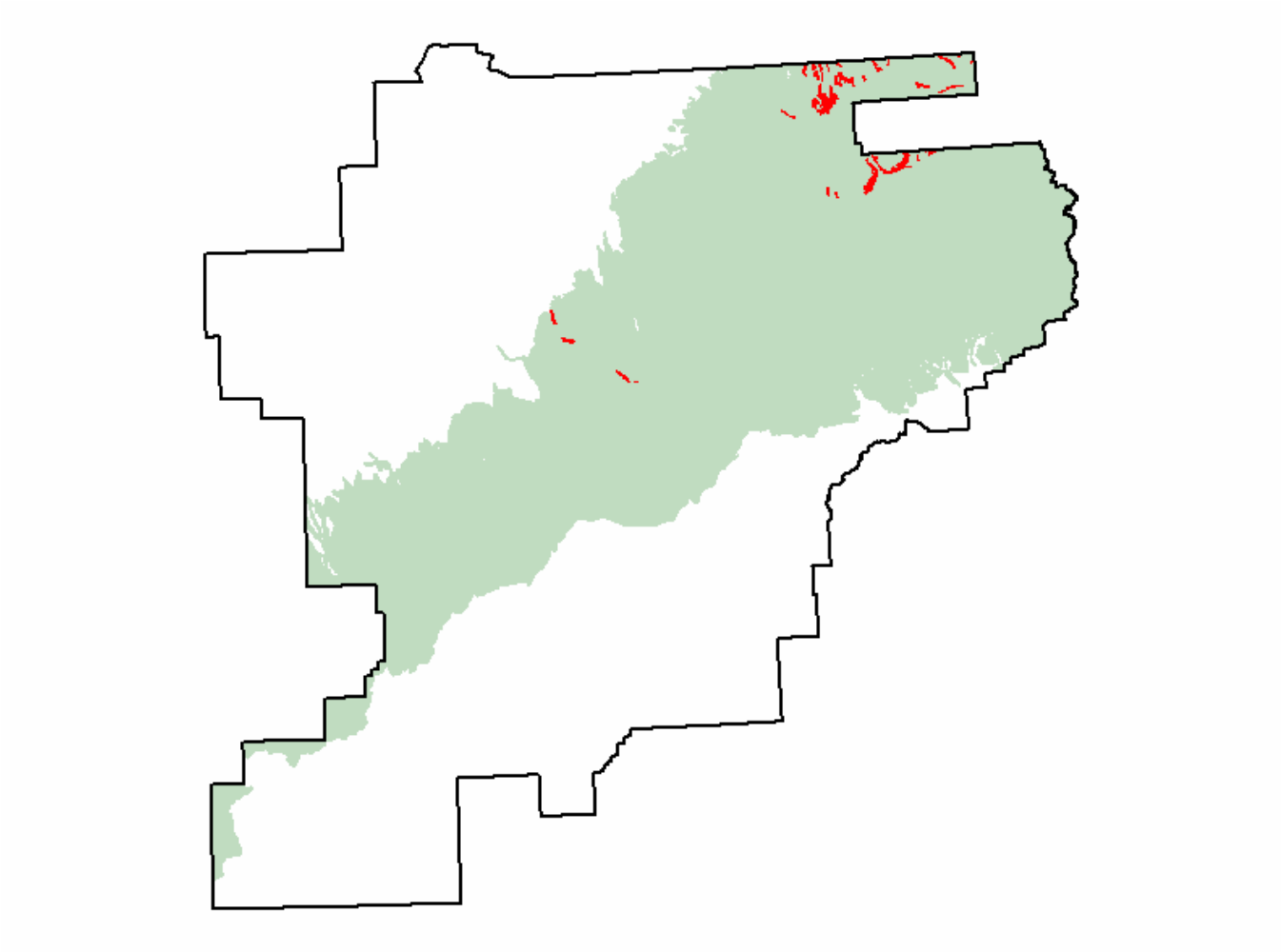


Typical Landscape
Typical Map Unit: 7MSC-Alpine Mountain Fans
Soil Component: Alpine-dwarf scrub-meadow mosaic gravelly fan swales

Climax Plant Community

Typical Soil Profile

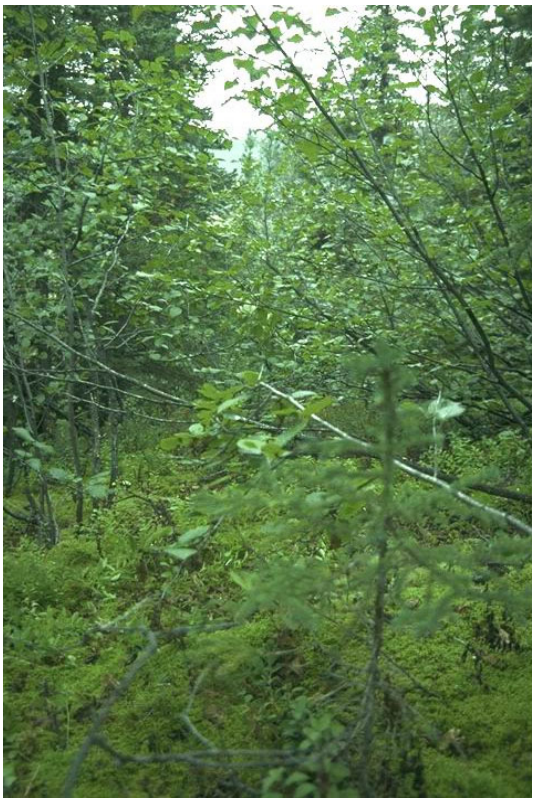
Landtype-Escarpments (M135A_800)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Escarpments (M135A_800)

Typical Landscape
Typical Map Unit: 10ES1-Boreal Terrace Escarpments with Discontinuous Permafrost
Soil Component: Boreal-forested gravelly colluvial slopes, dissected



Late stage of fire induced secondary succession

Typical Soil Profile

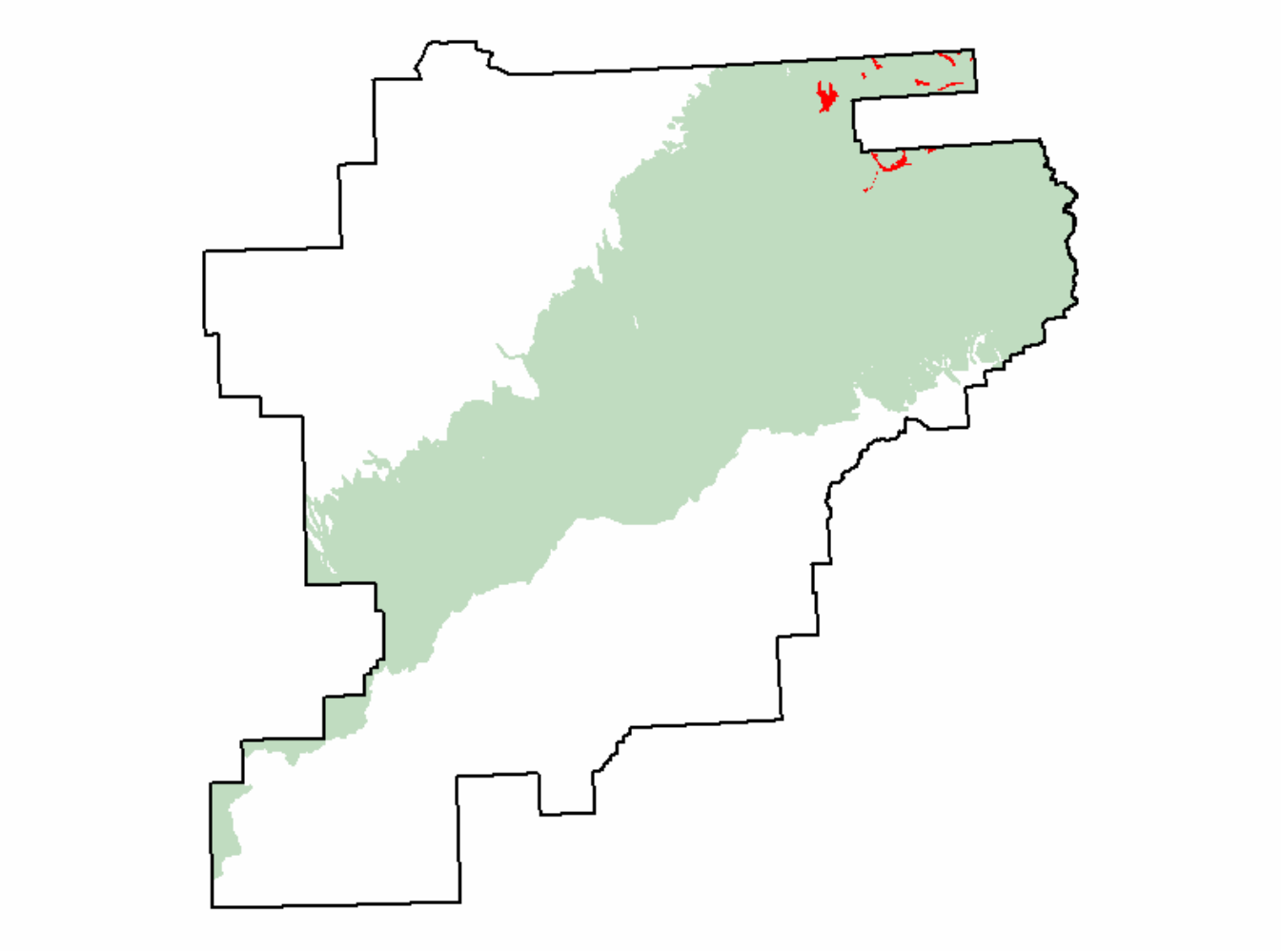
Landtype-Escarpments (M135A_800)

Climax plant community on drier microsites

Climax plant community

Climax plant community on wetter microsites

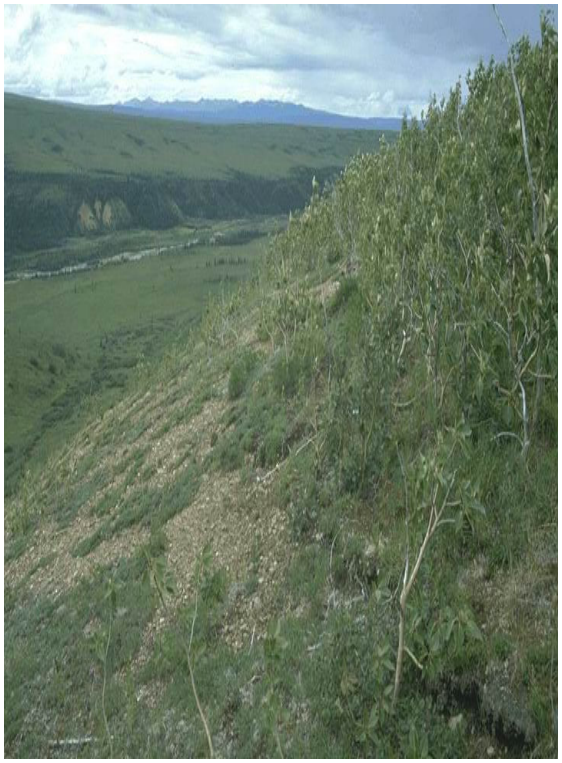
Landtype-Escarpments, Cool (M135A_801)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Escarpments, Cool (M135A_801)

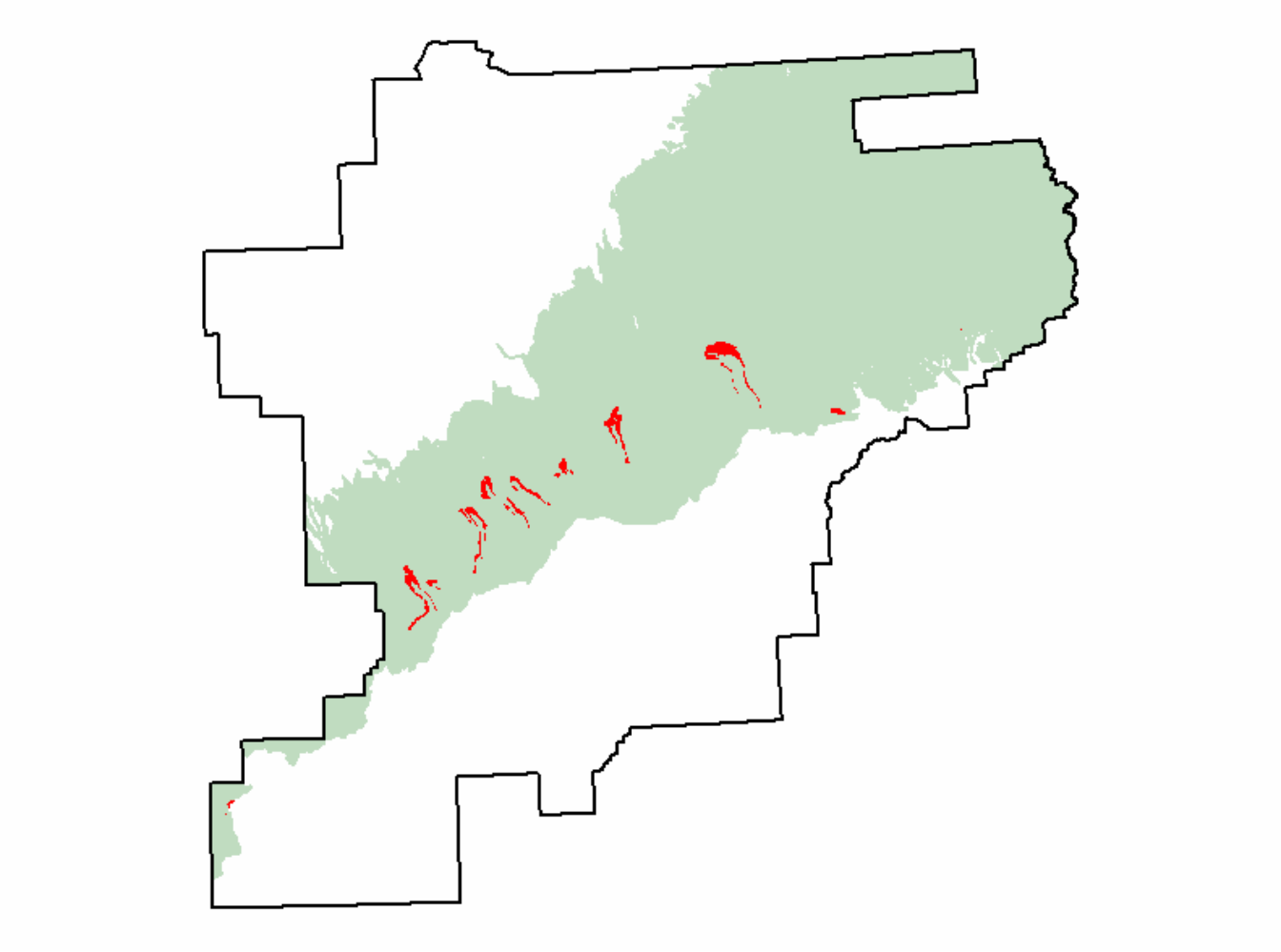
Typical Landscape
Typical Map Unit: 10ES-Subalpine and Alpine Plateau Escarpments with Discontinuous Permafrost
Soil Component: Subalpine-forested stunted hardwood gravelly colluvial slopes, dissected



Climax Plant Community

Typical Soil Profile

Landtype-Moraines, Ice Cored (M135A_802)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

Landtype-Moraines, Ice Cored (M135A_802)

Typical Landscape
Typical Map Unit: 7CE-Alpine Recent Moraines
Soil Component: Alpine-scrub gravelly moraines, calcareous

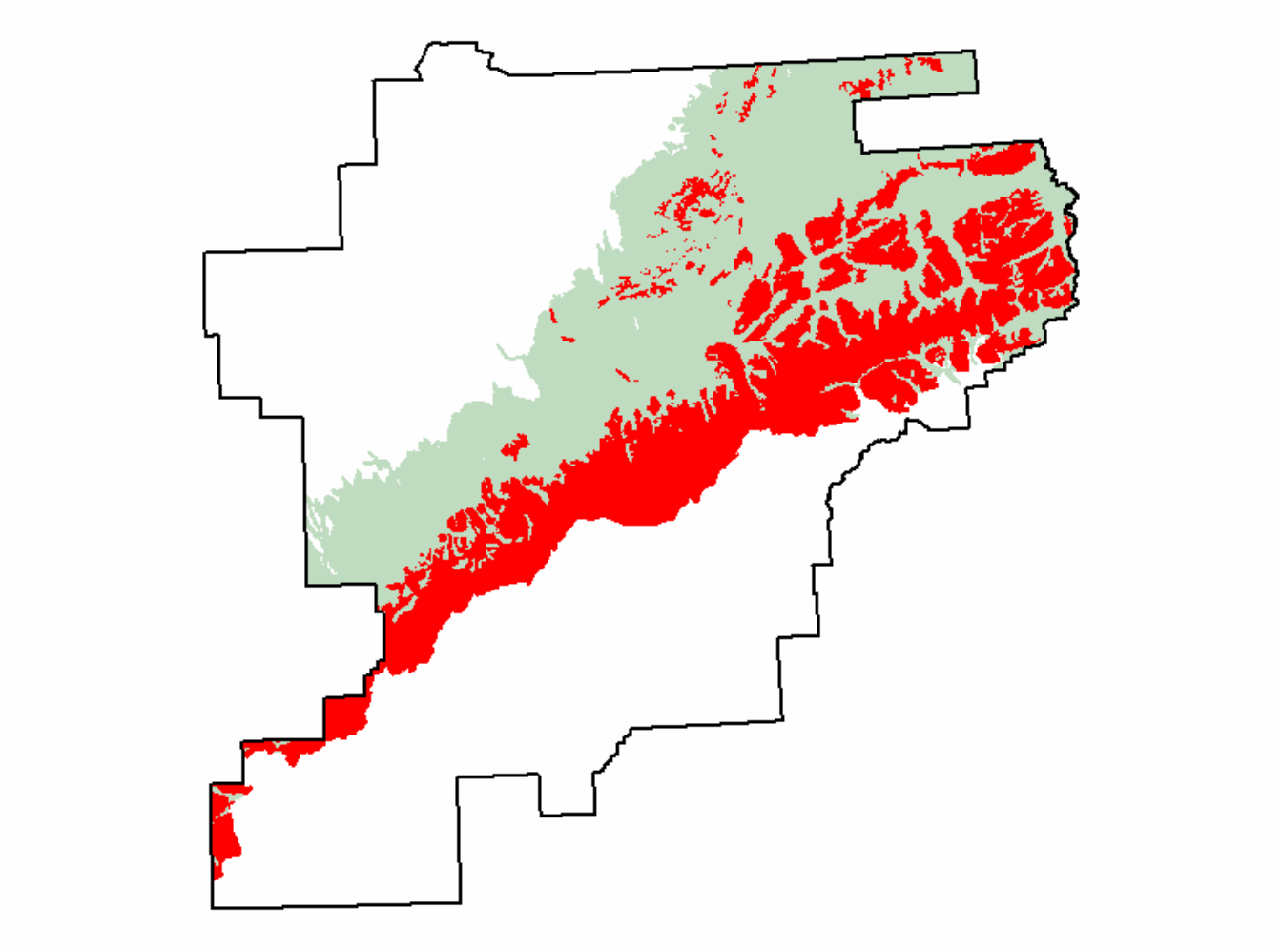
Climax plant community

Mid-stage of primary succession on moraines

Post climax plant community

Typical Soil Profile

Landtype-Rock and Ice, Nonvegetated (M135A_ROC) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the Alaska Mountains Section is illustrated in gray.

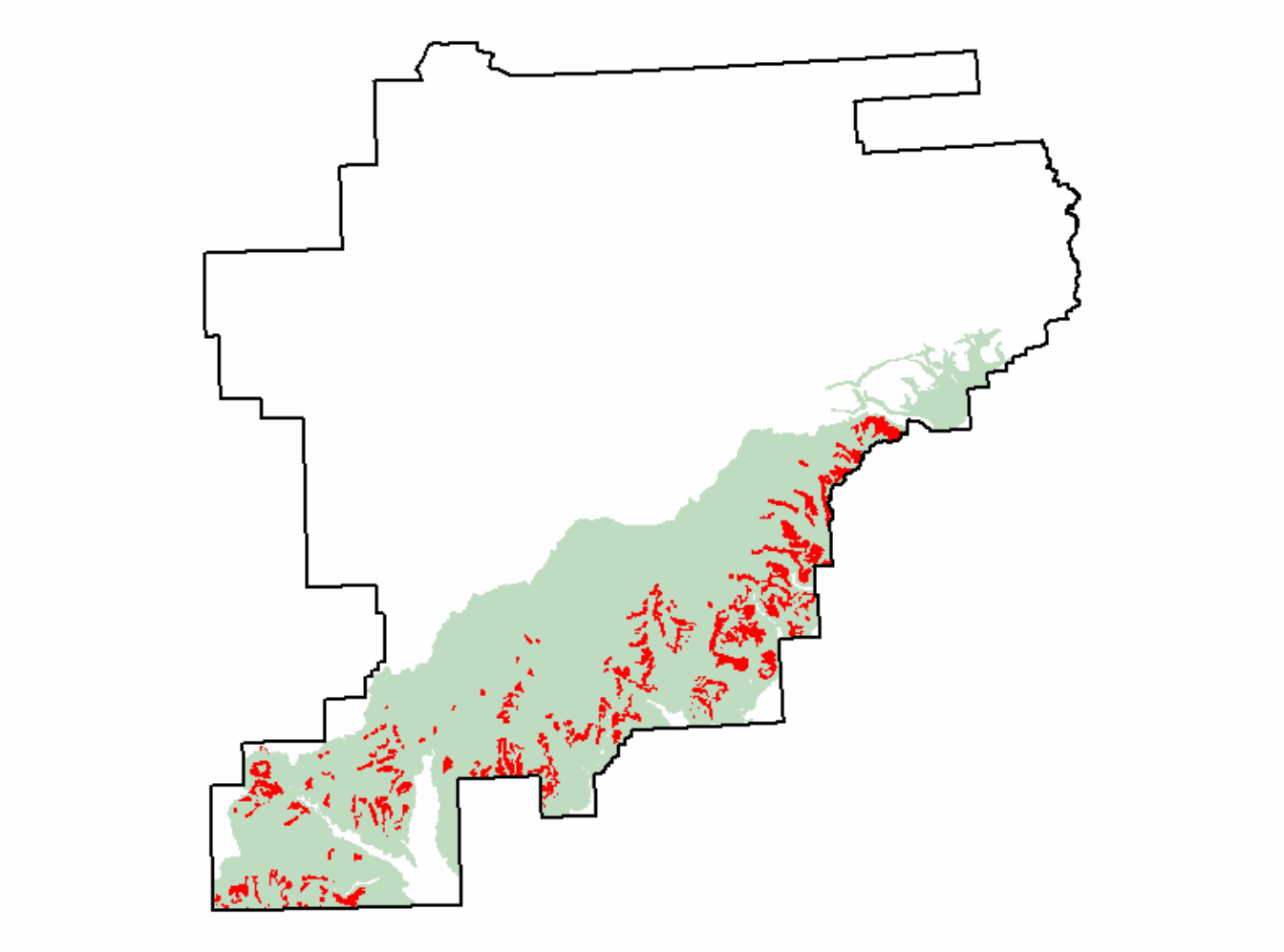
Landtype-Rock and Ice, Nonvegetated (M135A_ROC)

Typical Landscape
Typical Map Unit: NV1-Nonvegetated Mountains-Alaska Range-Interior
Soil Component: Interior-nonvegetated rock outcrop, ice, talus and/or drift

Climax Plant Community

Typical Soil Profile

Landtype-Gravelly Mountains, Moist (M135S_307)
Distribution Map and Photos

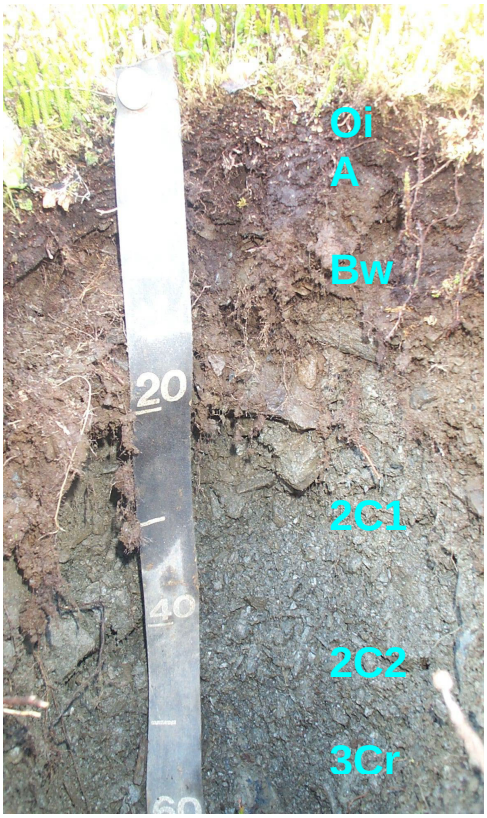


Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the South Central Mountains Section is illustrated in gray.

Landtype-Gravelly Mountains, Moist (M135S_307)

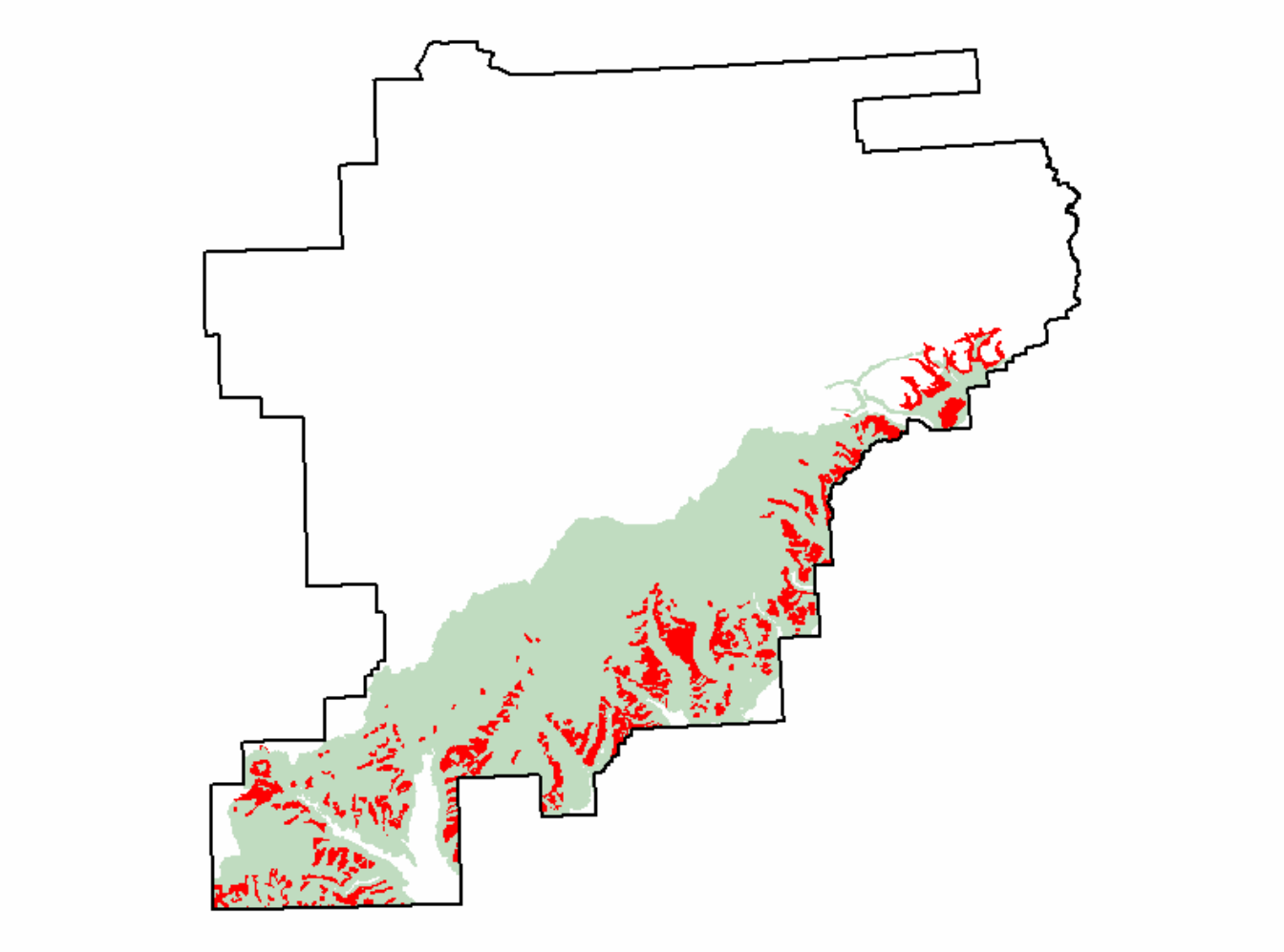
Typical Landscape
Component: Alpine-dwarf scrub gravelly colluvial slopes, cool
Map Unit: 9MSH-Alpine Mountains

Climax Plant Community



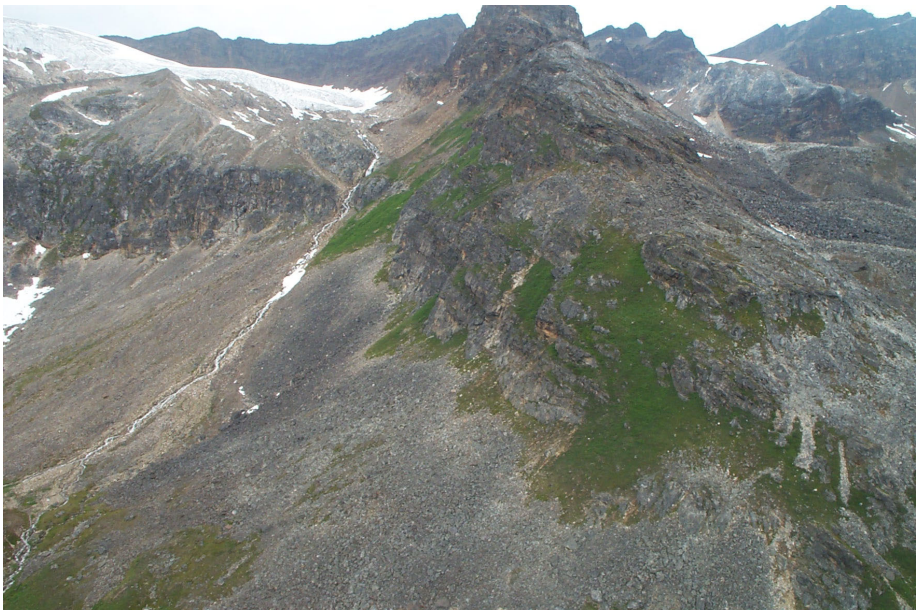
Typical Soil Profile

Landtype-Gravelly Mountains (M135S_310)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the South Central Mountains Section is illustrated in gray.

Landtype-Gravelly Mountains (M135S_310)

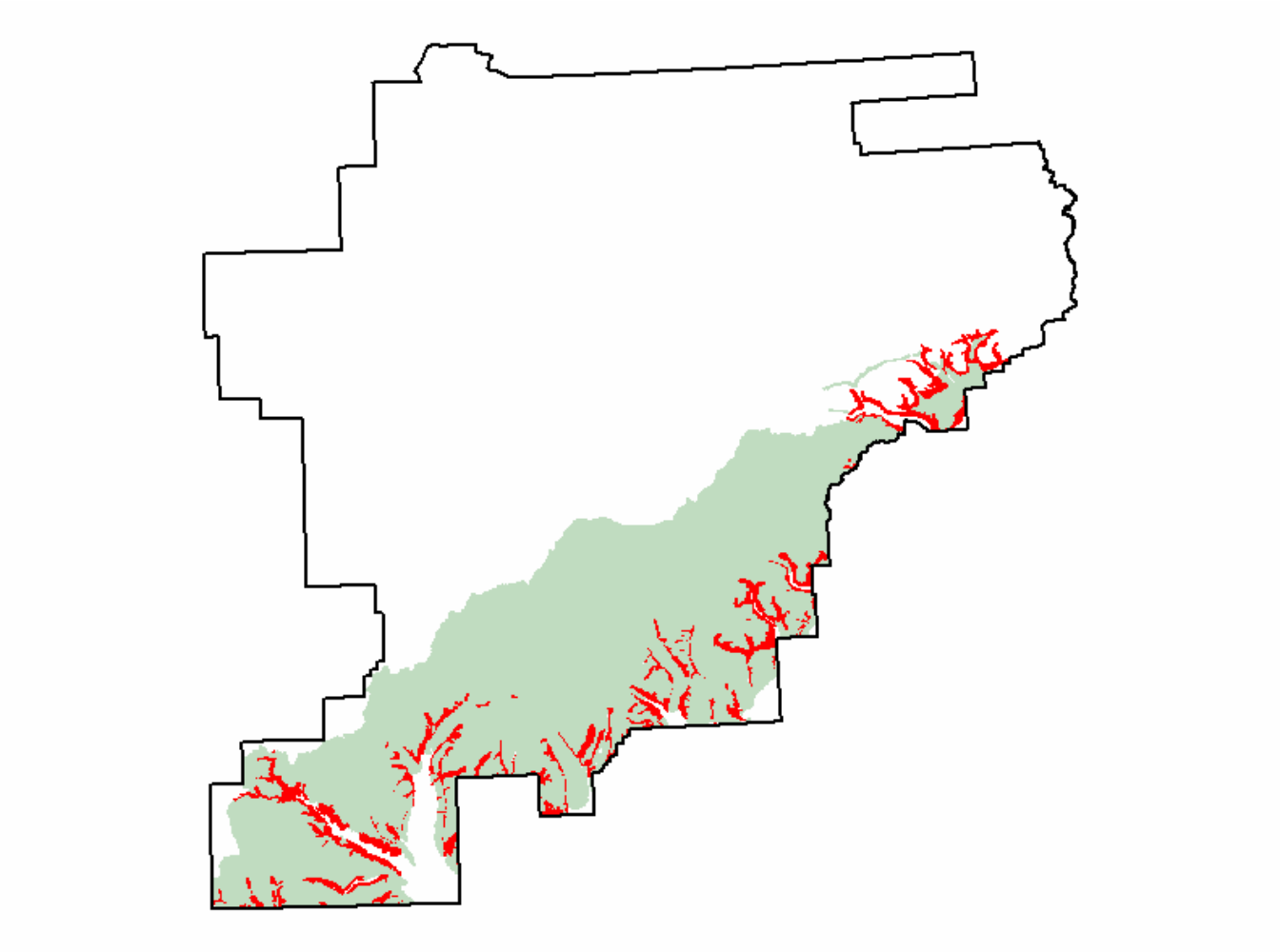


Typical Landscape
Typical Map Unit: 9MSH-Alpine Mountains
Soil Component: Alpine-dwarf scrub gravelly colluvial slopes, warm

Climax Plant Community

Typical Soil Profile

Landtype-Gravelly Slopes (M135S_358)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the South Central Mountains Section is illustrated in gray.

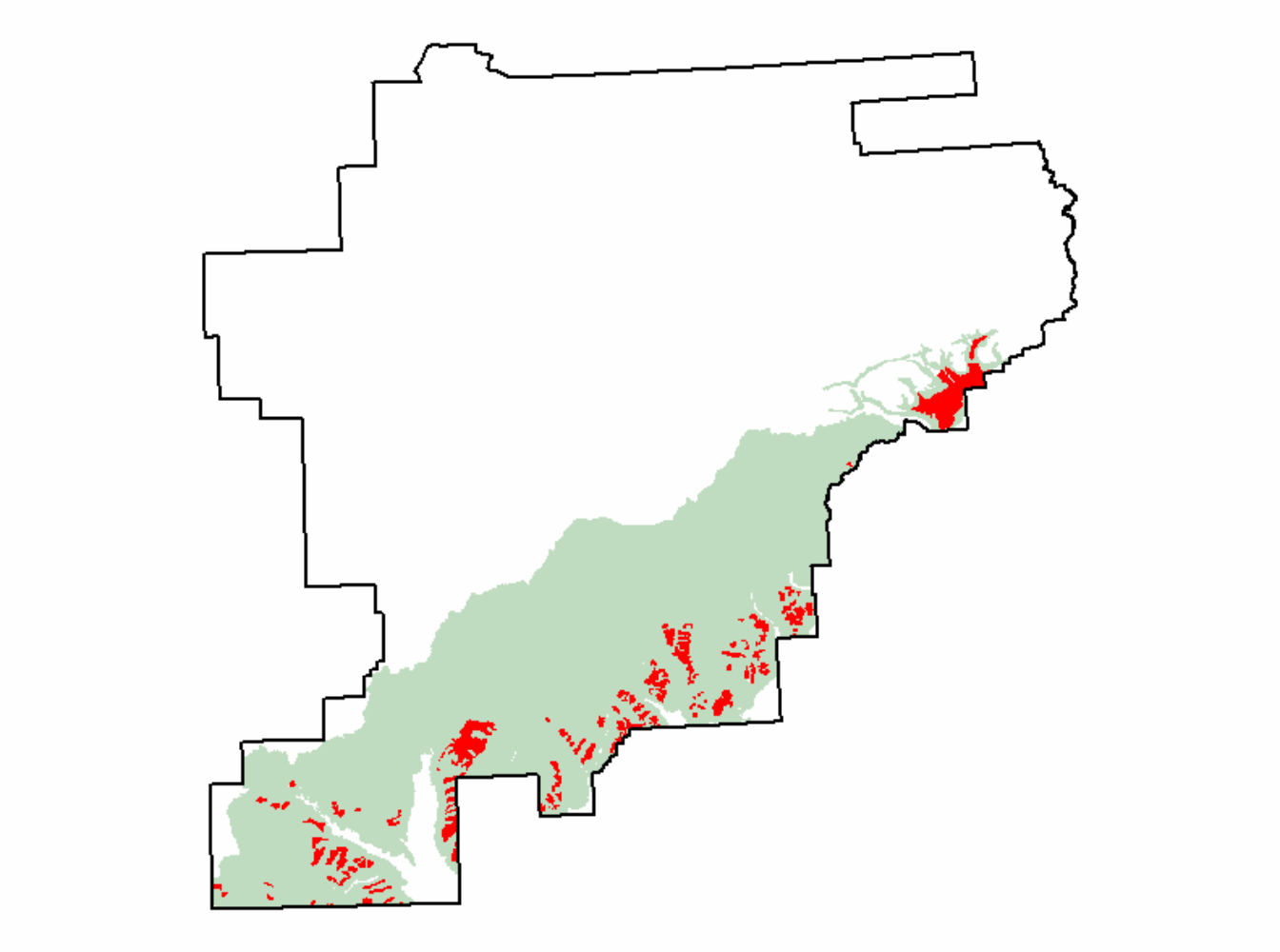
Landtype-Gravelly Slopes (M135S_358)

Typical Landscape
Typical Map Unit: 9SA44-Alpine Glaciated Lower Mountain Slopes
Soil Component: Alpine-scrub gravelly till slopes, warm

Climax Plant Community

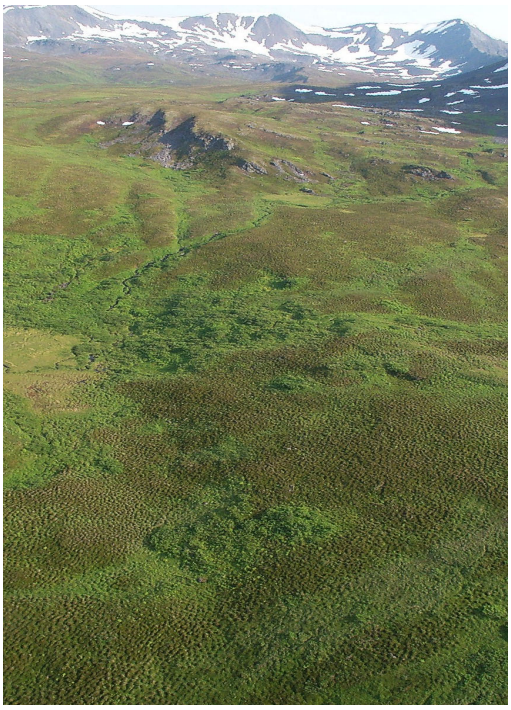
Typical Soil Profile

Landtype-Hummocks (M135S_363)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the South Central Mountains Section is illustrated in gray.

Landtype-Hummocks (M135S_363)

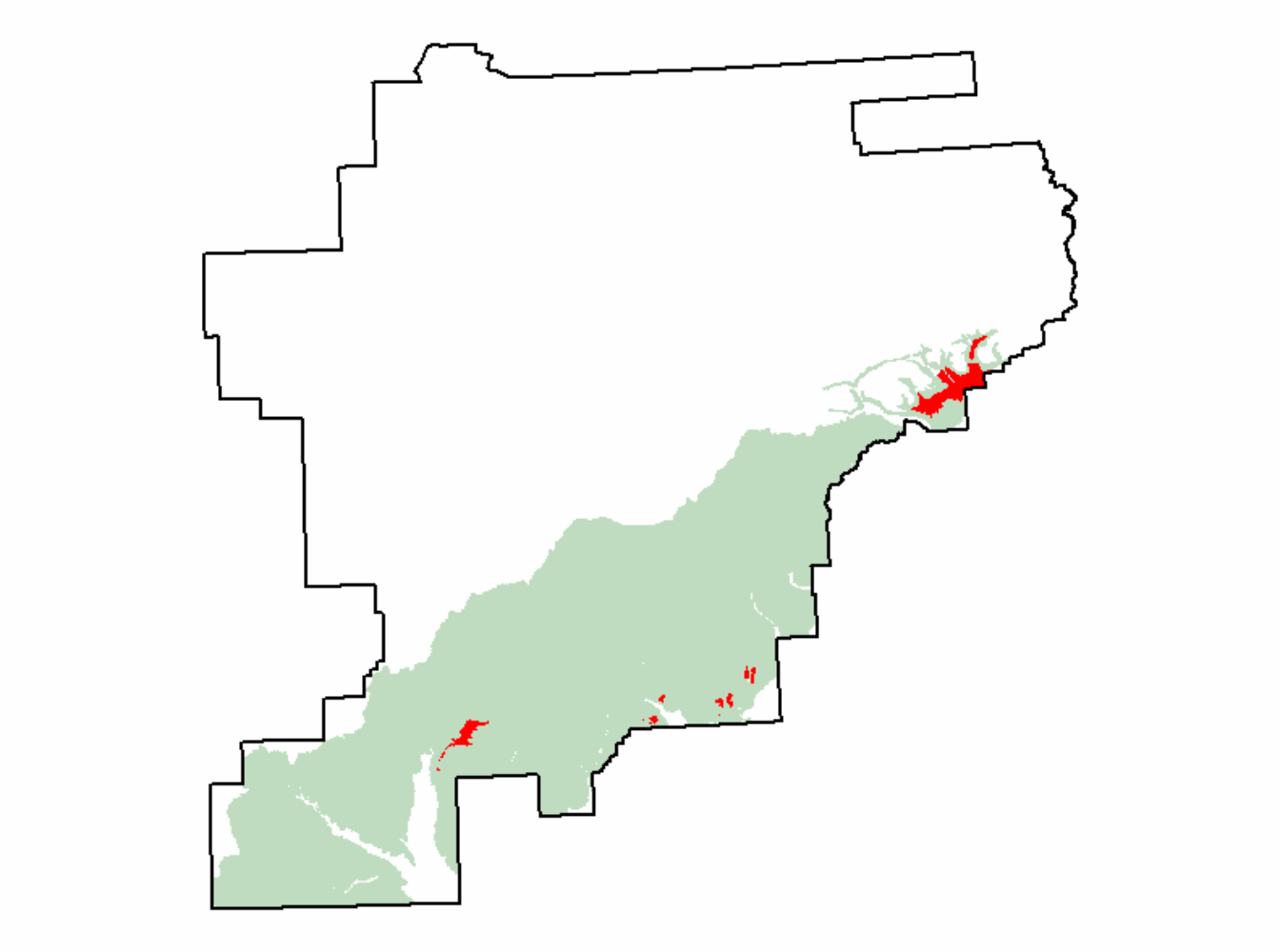


Typical Landscape
Typical Map Unit: 9TM3-Alpine Cirque Valleys
Soil Component: Alpine-dwarf scrub silty till hummocks

Climax Plant Community

Typical Soil Profile

Landtype-Hummocks, Moderately Wet (M135S_364)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the South Central Mountains Section is illustrated in gray.

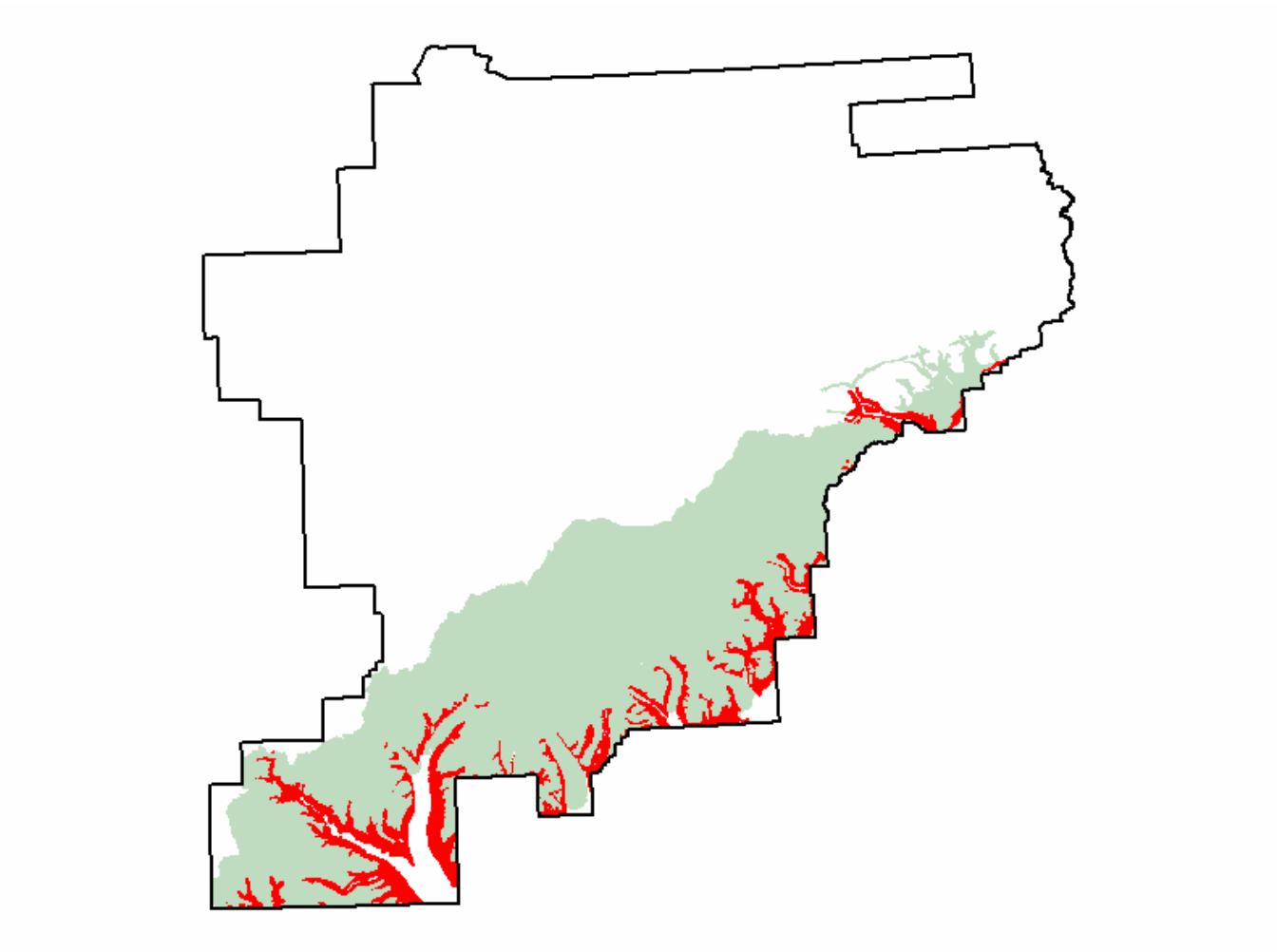
Landtype-Hummocks, Moderately Wet (M135S_364)

Typical Landscape
Typical Map Unit: 9TP-Alpine Till Plains and Hills
Soil Component: Alpine-scrub gravelly till hummocks

Typical Soil Profile

Climax Plant Community

Landtype-Silty Slopes, High Elevation (M135S_405)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the South Central Mountains Section is illustrated in gray.

Landtype-Silty Slopes, High Elevation (M135S_405)

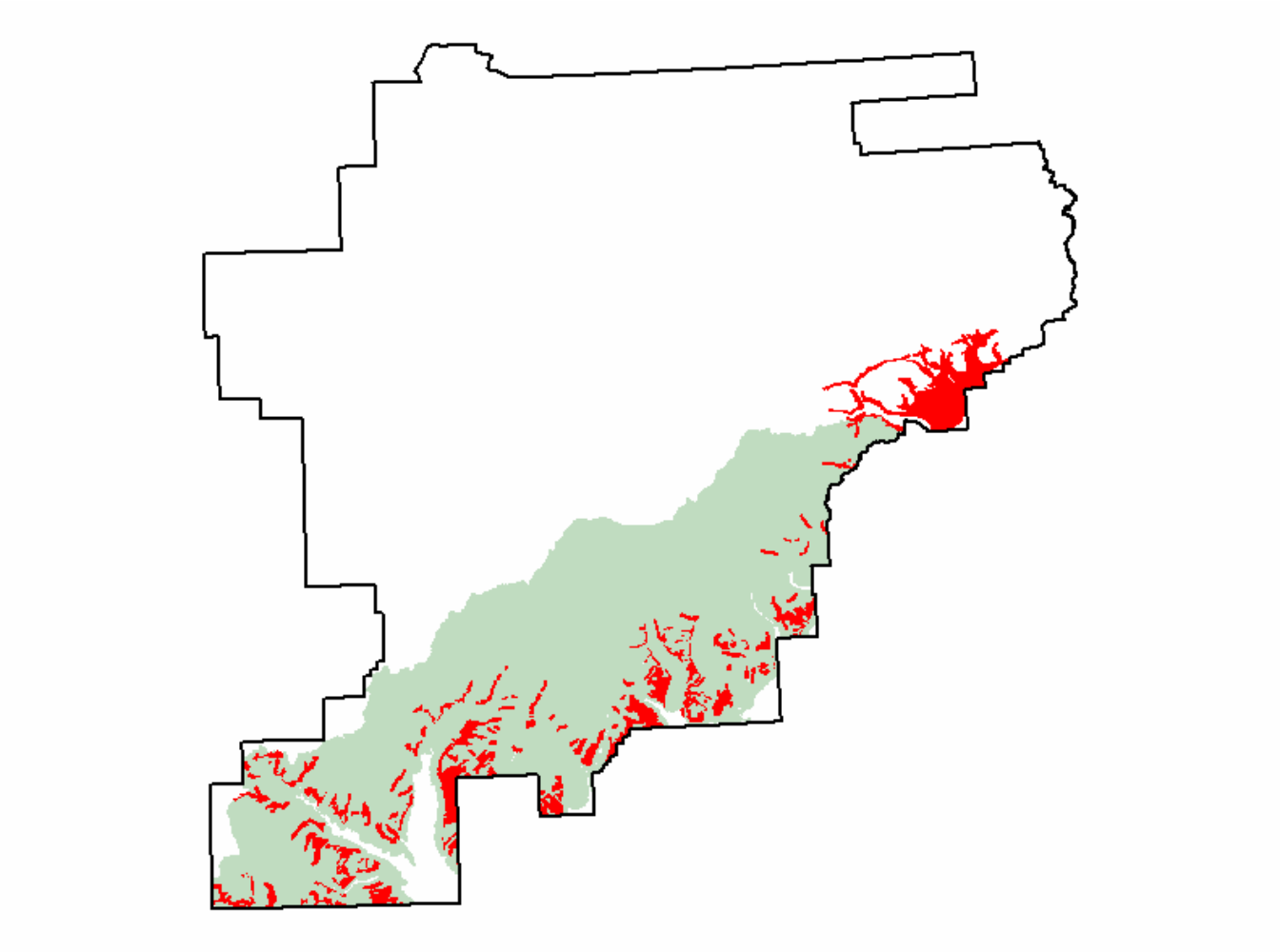
Typical Landscape
Map Unit: 9SA5-Alpine Mountains
Component: Subalpine-scrub-meadow mosaic gravelly colluvial slopes

Climax plant community on wetter microsites

Climax Plant Community

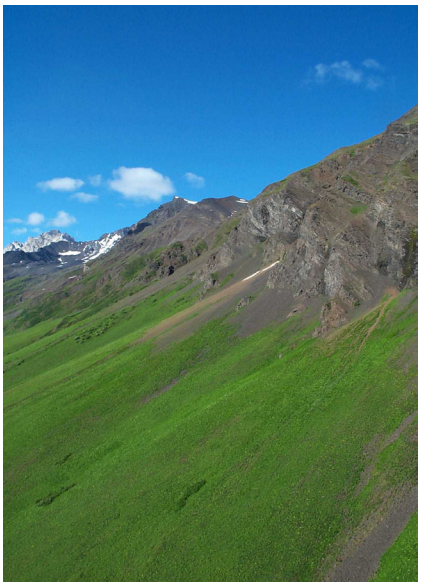
Typical Soil Profile

Landtype-Gravelly Colluvial Slopes (M135S_421)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the South Central Mountains Section is illustrated in gray.

Landtype-Gravelly Colluvial Slopes (M135S_421)



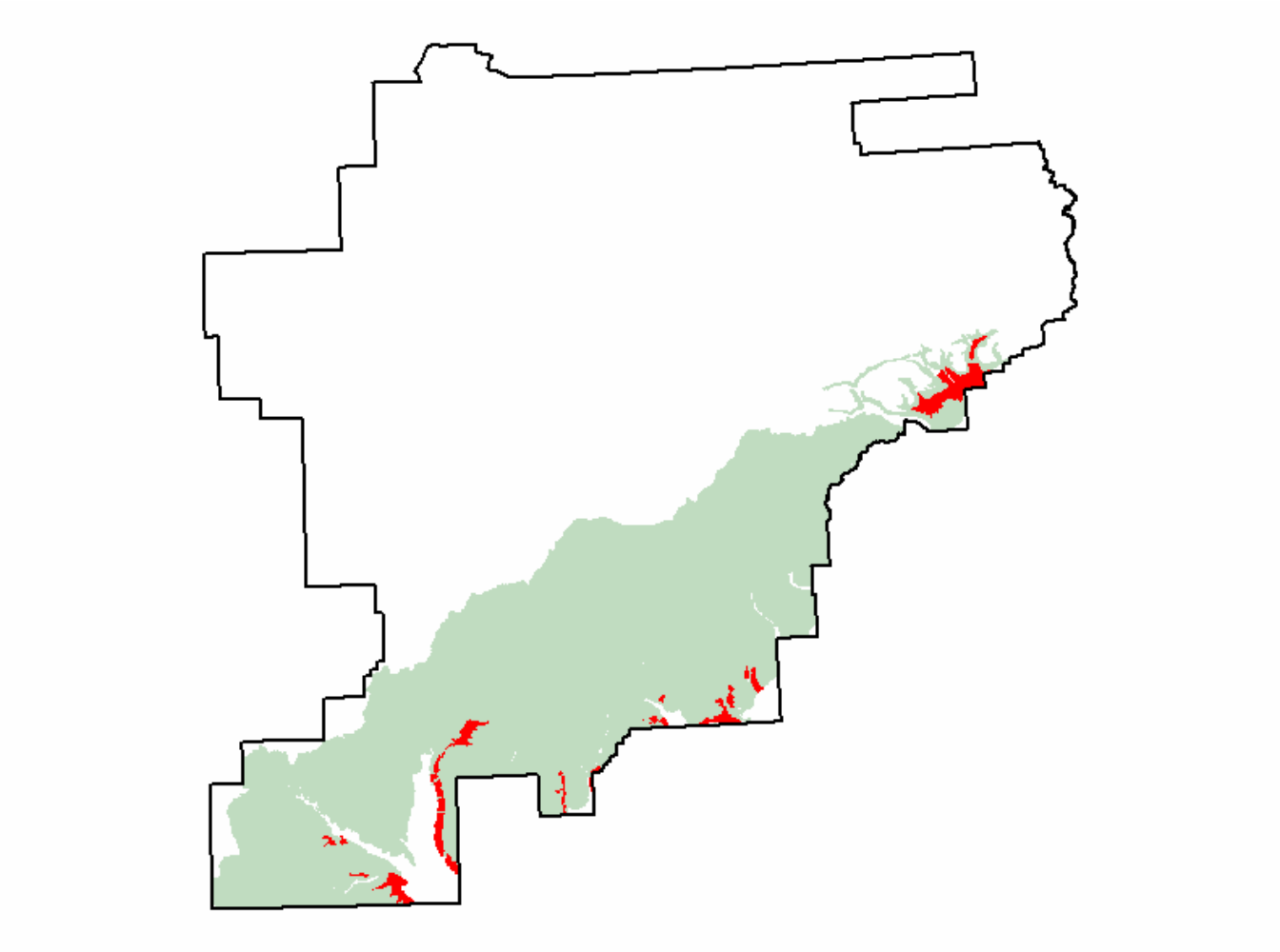
Typical Landscape
Map Unit: 9SA4-Alpine Lower Mountain Colluvial Slopes
Component: Alpine-scrub-meadow mosaic gravelly colluvial slopes

Climax plant community

Climax plant community on wetter microsites

Typical Soil Profile

Landtype-Swales (M135S_422)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the South Central Mountains Section is illustrated in gray.

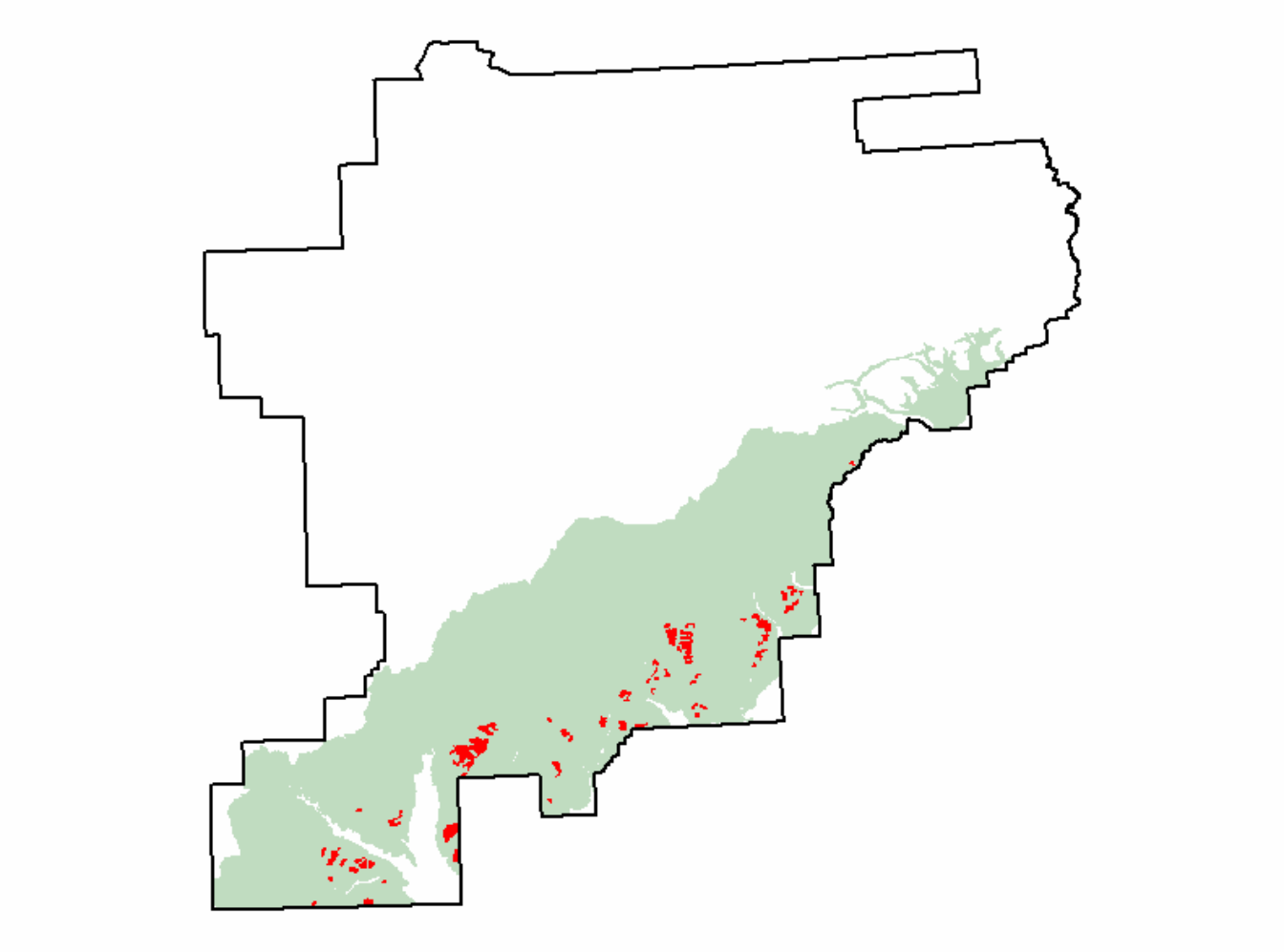
Landtype-Swales (M135S_422)

Typical Landscape
Map Unit: 9SA61-Subalpine Glaciated Benches on Lower Mountain Slopes
Component: Alpine-scrub gravelly wet till swales

Climax Plant Community

Typical Soil Profile

Landtype-Swales, Wet (M135S_424)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the South Central Mountains Section is illustrated in gray.

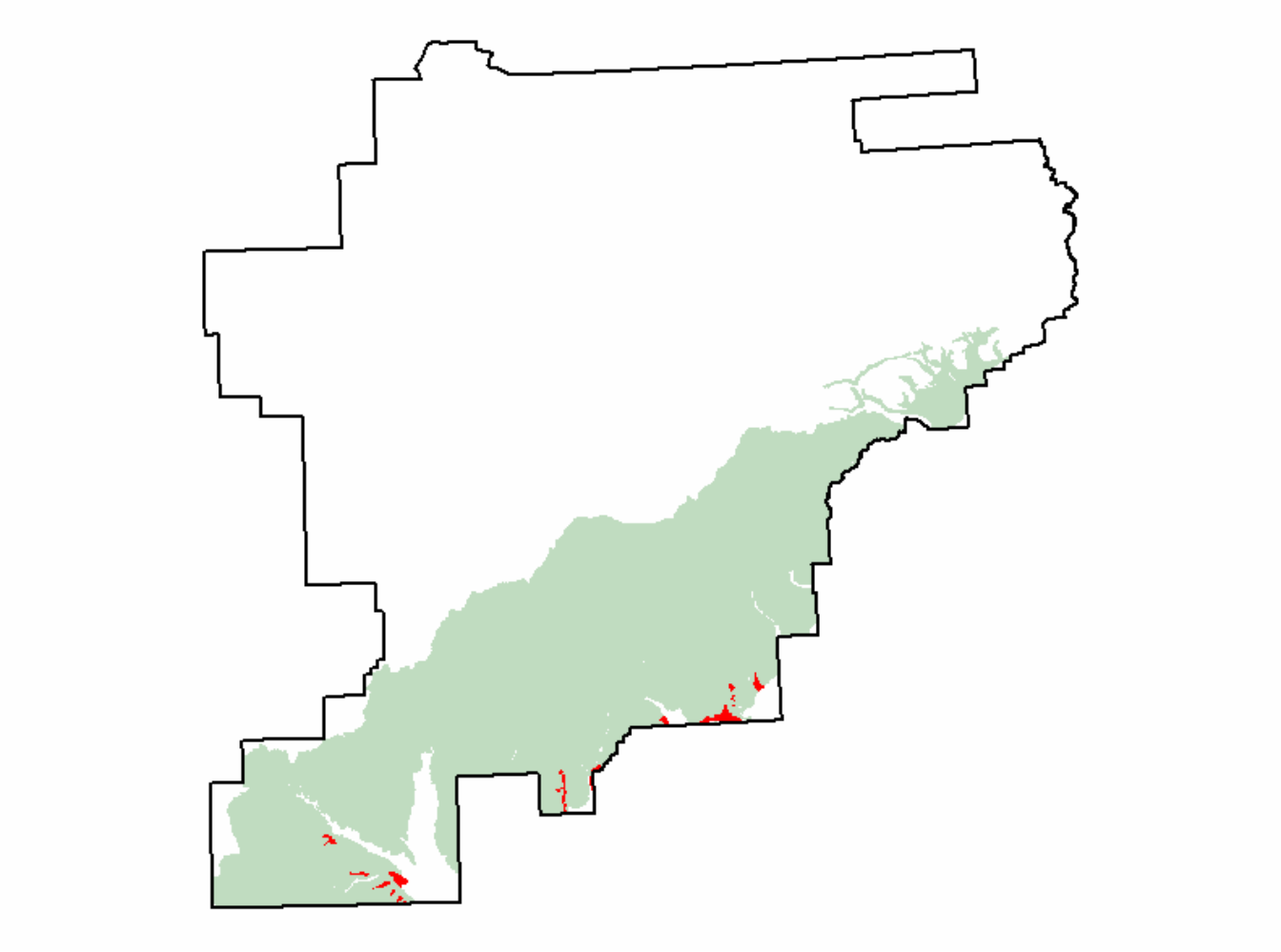
Landtype-Swales, Wet (M135S_424)

Typical Landscape
Typical Map Unit: 9TM3-Alpine Cirque Valleys
Soil Component: Alpine-scrub mosaic gravelly till drains

Climax Plant Community

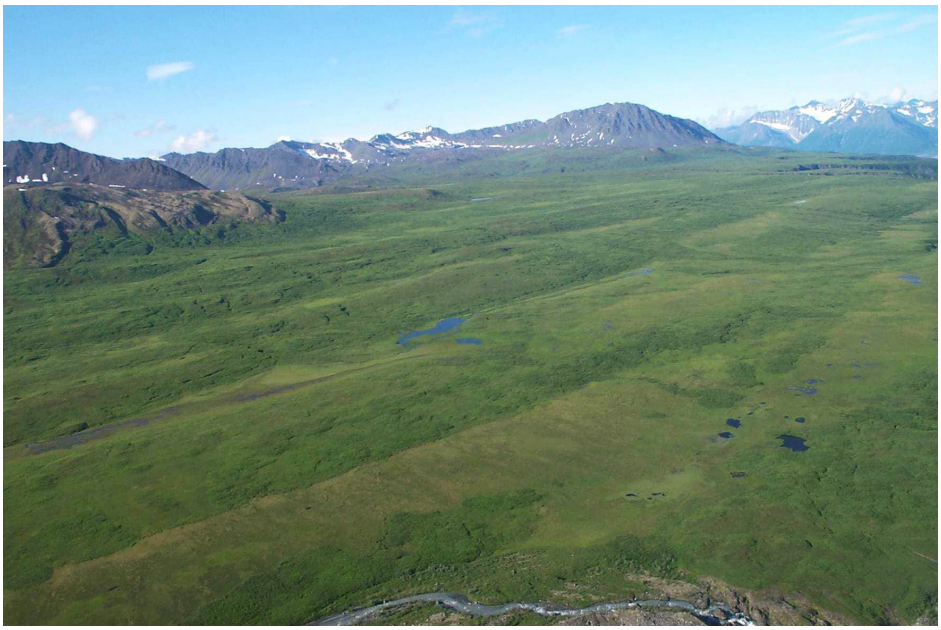
Typical Soil Profile

Landtype-Organic Depressions (M135S_536)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the South Central Mountains Section is illustrated in gray.

Landtype-Organic Depressions (M135S_536)

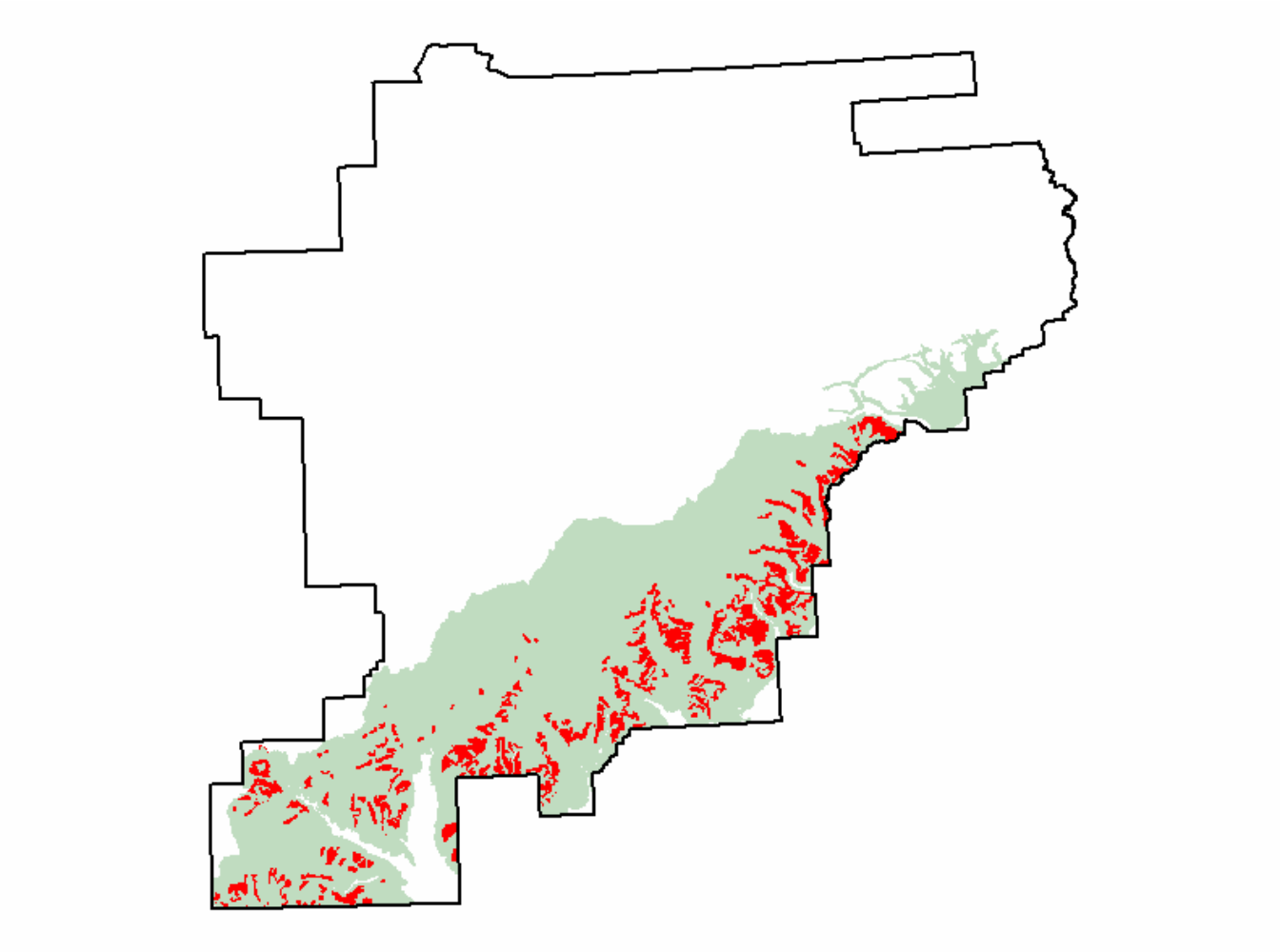


Typical Landscape
Typical Map Unit: 9TP-Alpine Till Plains and Hills
Soil Component: Alpine-sedge wet meadow organic depressions

Climax Plant Community

Typical Soil Profile

Landtype-Loamy Depressions (M135S_551)
Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs. This Landtype only occurs as a minor component in map units. The remainder of the South Central Mountains Section is illustrated in gray.

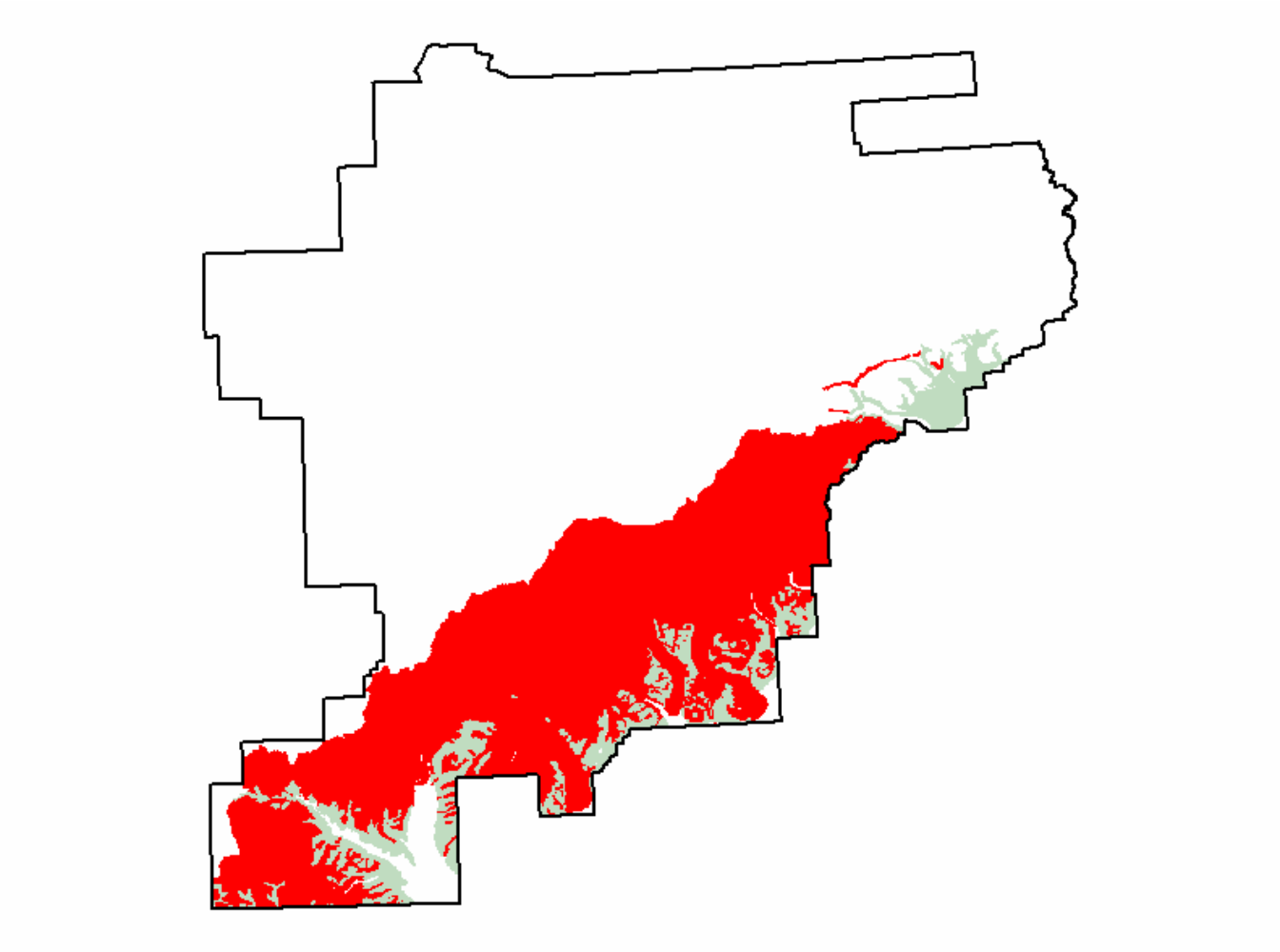
Landtype-Loamy Depressions (M135S_551)

Typical Landscape
Typical Map Unit: 9MSH-Alpine Mountains
Soil Component: Alpine-dwarf scrub-meadow mosaic gravelly colluvial slopes

Climax Plant Community

Typical Soil Profile

Landtype-South Central Rock and Ice, Nonvegetated (M135S_ROC) Distribution Map and Photos



Distribution of map units (red) in which this Landtype occurs as a major component. The remainder of the South Central Mountains Section is illustrated in gray.

Landtype-South Central Rock and Ice, Nonvegetated (M135S_ROC)

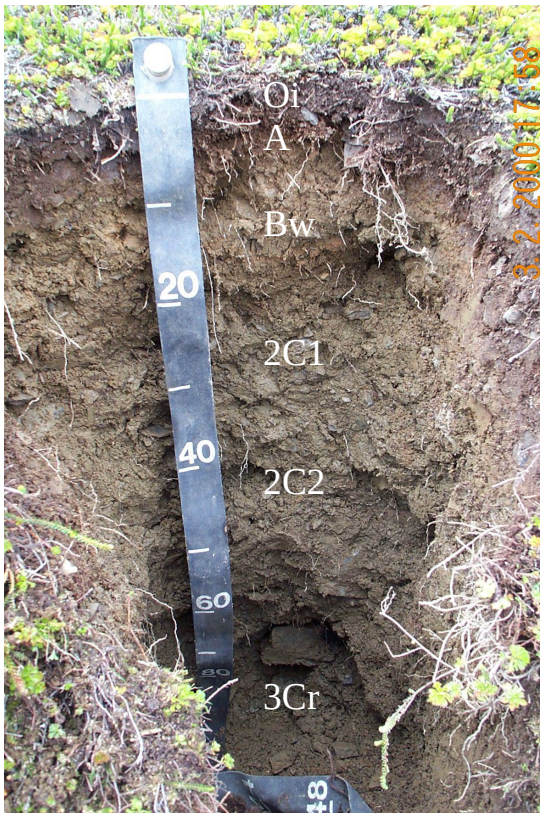
Typical Landscape
Typical Map Unit: NV2-Nonvegetated Mountains-Alaska Range-South Central
Soil Component: South Central nonvegetated rock outcrop, ice, talus and/or drift

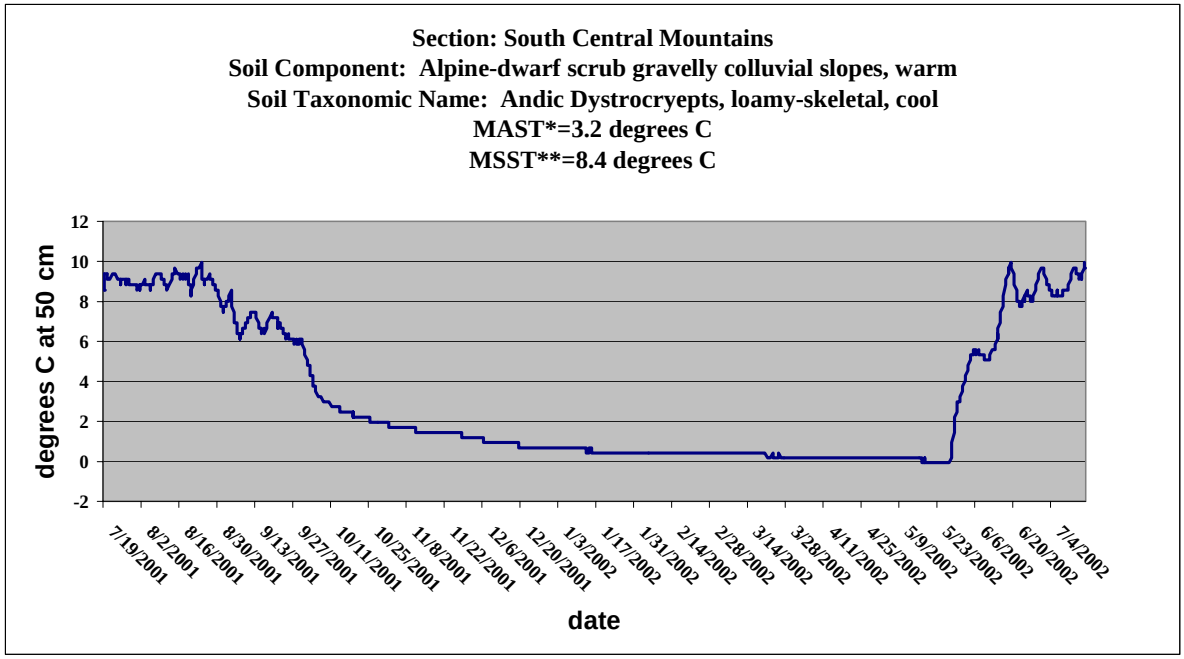
Climax Plant Community

Typical Soil Profile

Taxonomic Unit Photos and Temperature Graphs

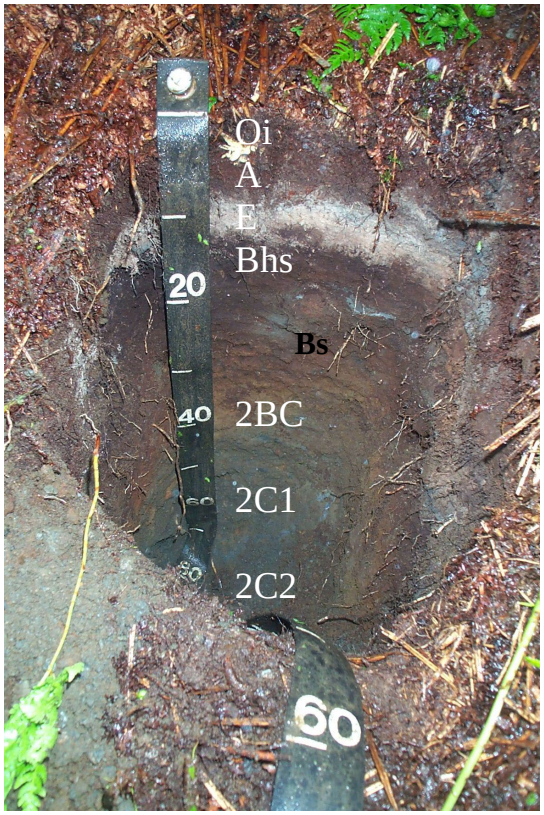
Typic Soil Profile and Temperature Graphs
Andic Dystrocryepts, loamy-skeletal

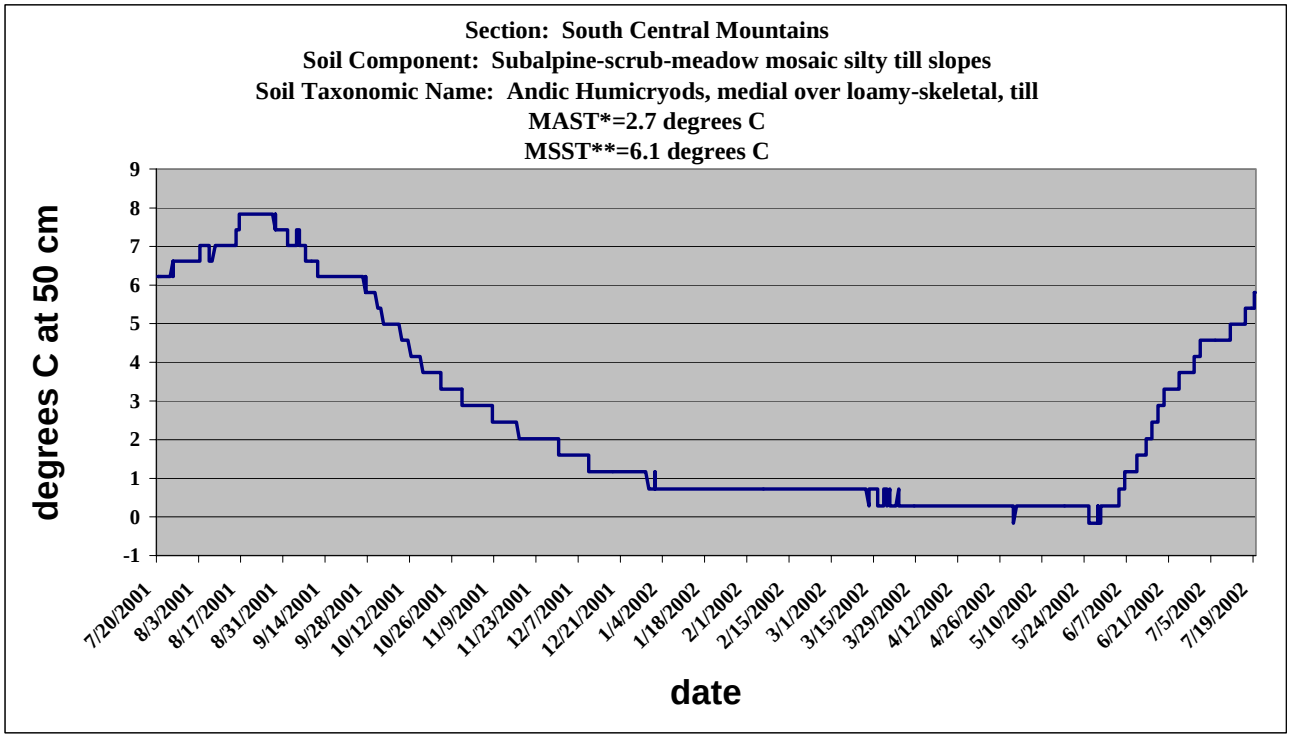




*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

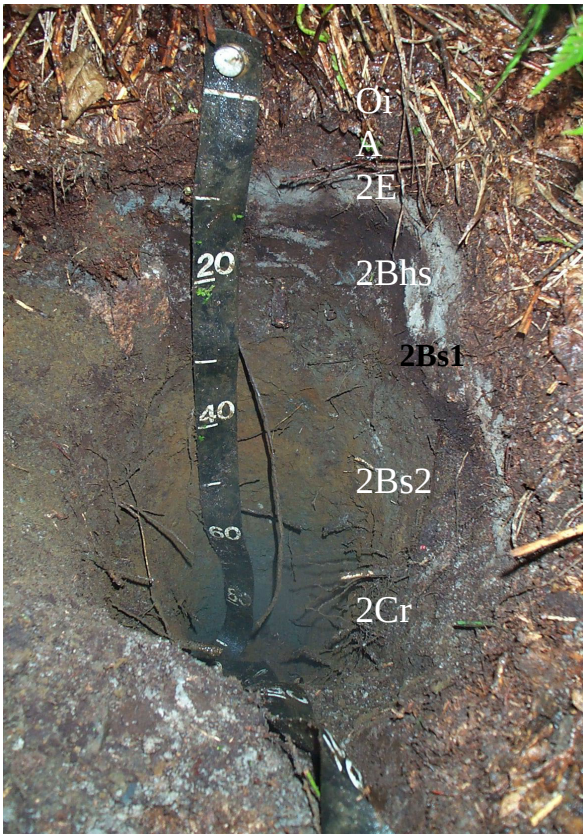
Typic Soil Profile and Temperature Graph
Andic Humicryods, medial over loamy-skeletal



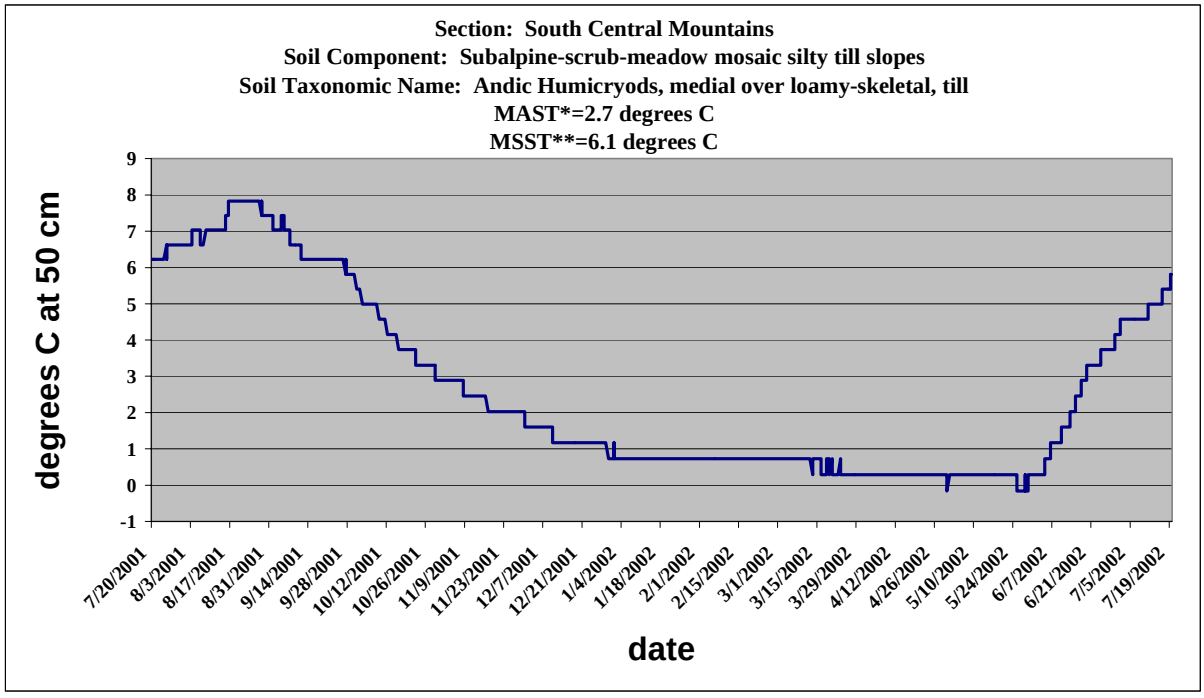


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Andic Humicryods, medial-skeletal



Soil Temperature Graph is from a Similar Soil Component

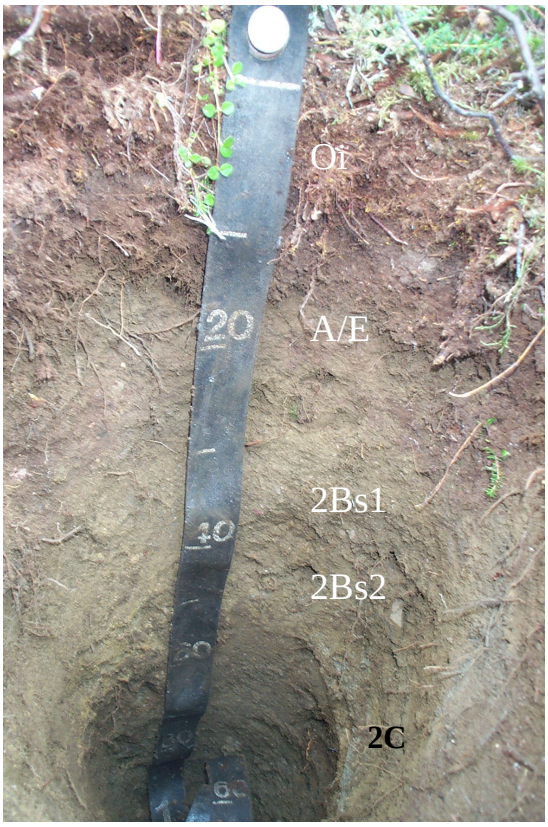


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

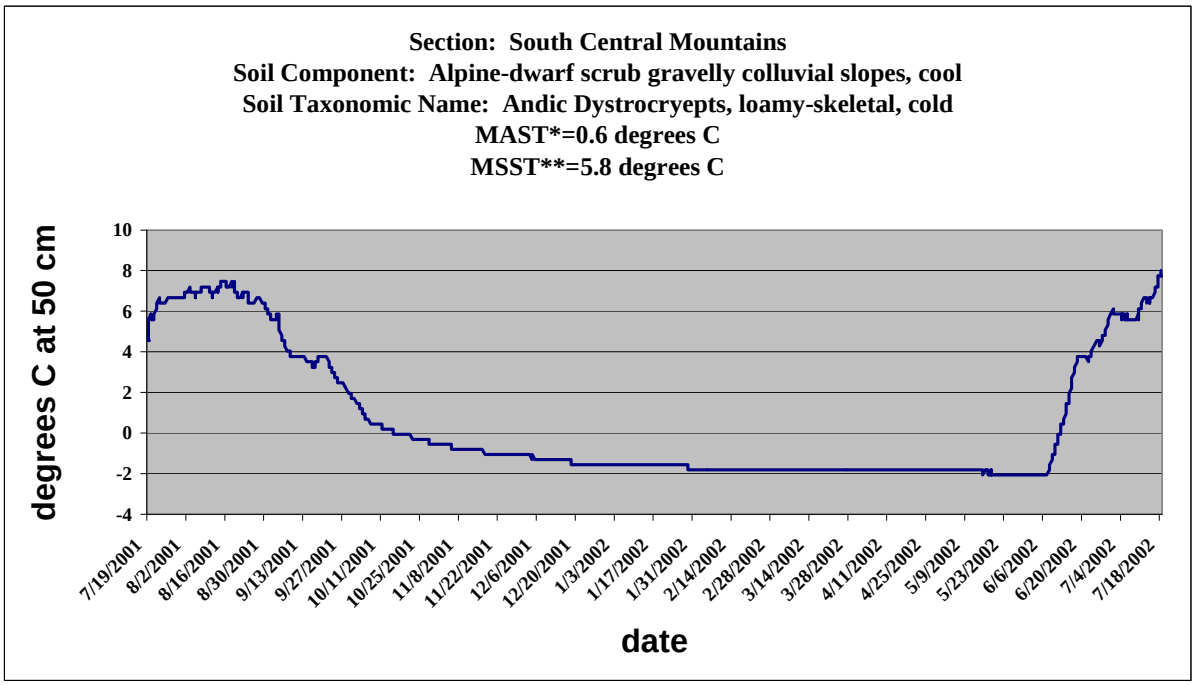
Typic Soil Profile and Temperature Graph
Aquandic Cryaquepts, loamy-skeletal

Soil temperature information is not available

Typic Soil Profile and Temperature Graph
Aquandic Haplocryods, loamy-skeletal

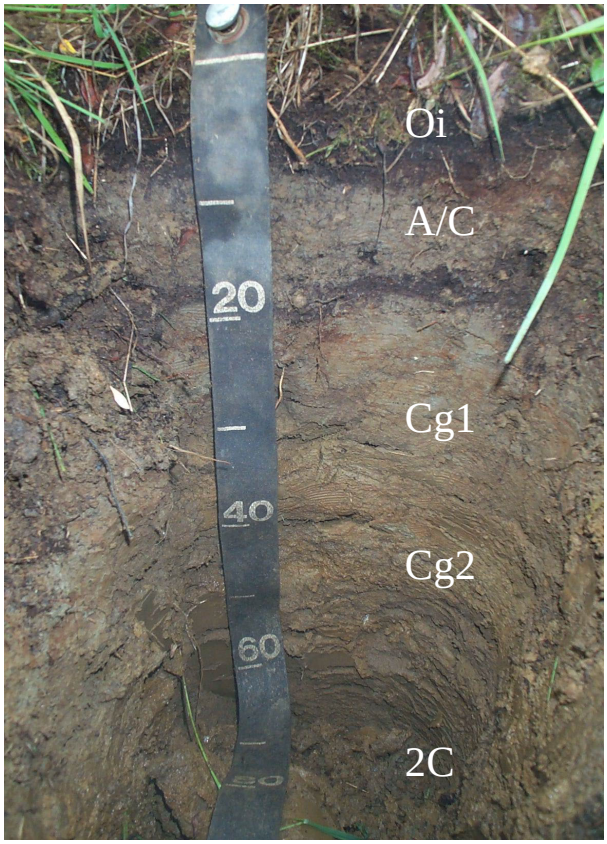


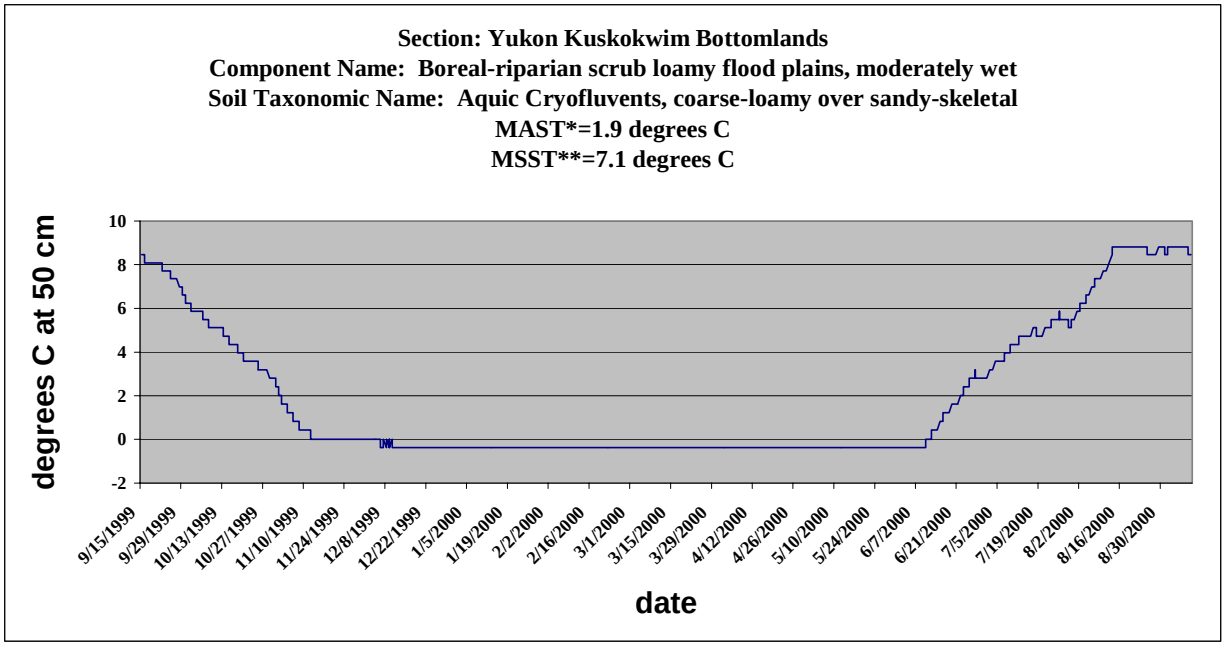
Soil Temperature Graph is from a Similar Soil Component



*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Aquic Cryofluvents, coarse-loamy over sandy-skeletal

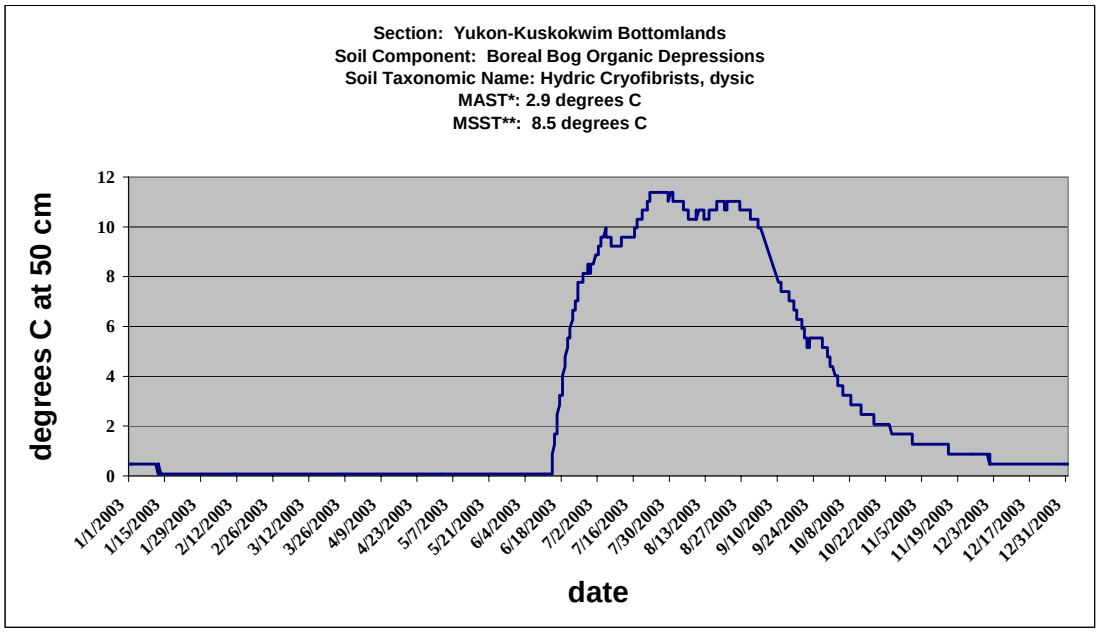




*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Cryofibrists, euic

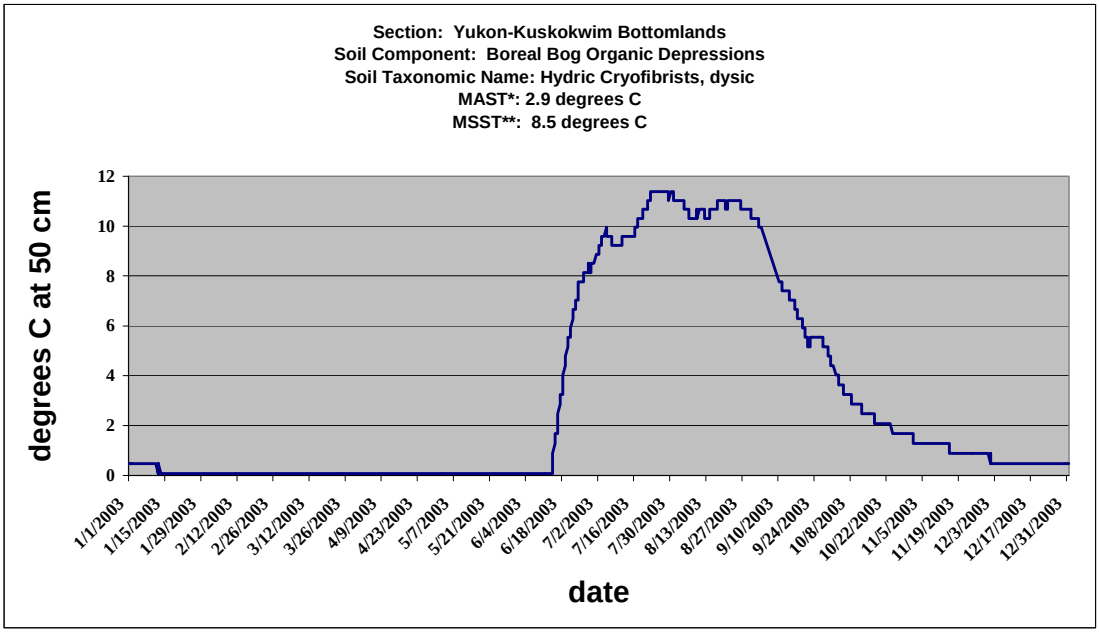
Soil temperature graph from a similar soil component



*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

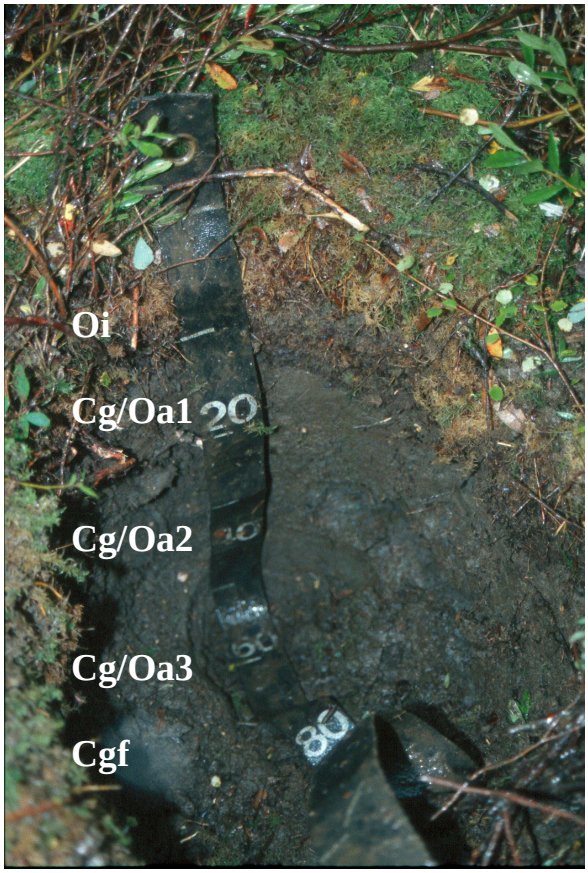
Typic Soil Profile and Temperature Graphs
Cryohemists, euic

Soil temperature graph from a similar soil component

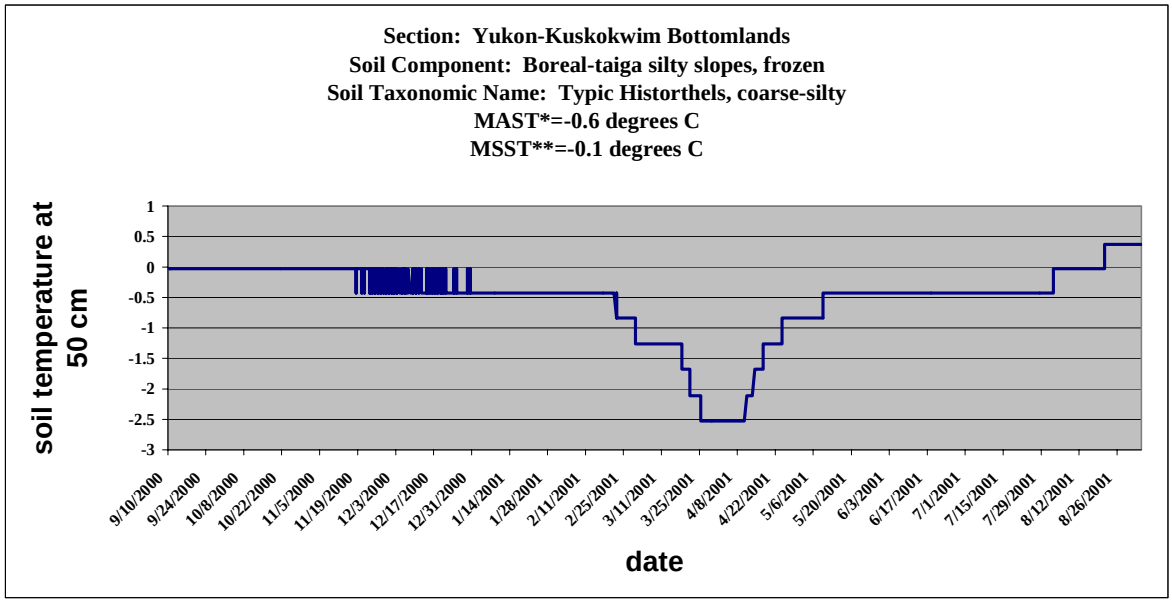


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Fluvaquentic Aquorthels, coarse-silty

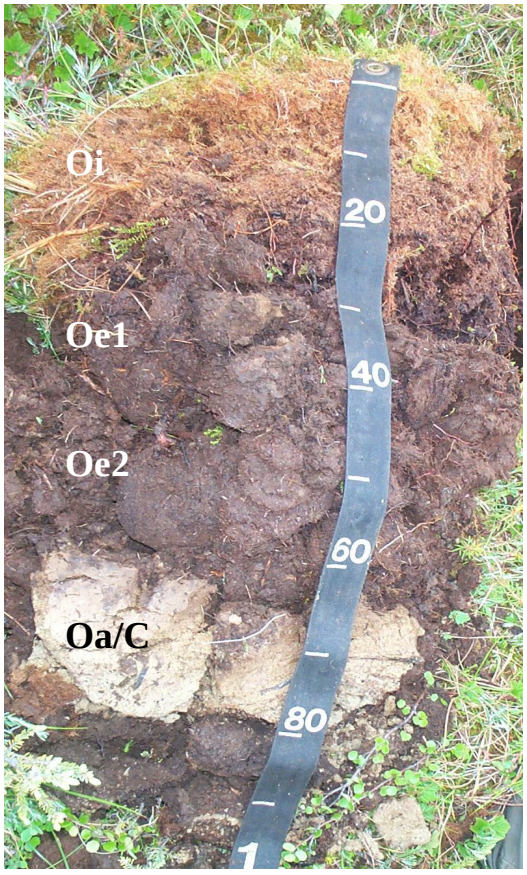


Soil temperature graph is from a similar soil component

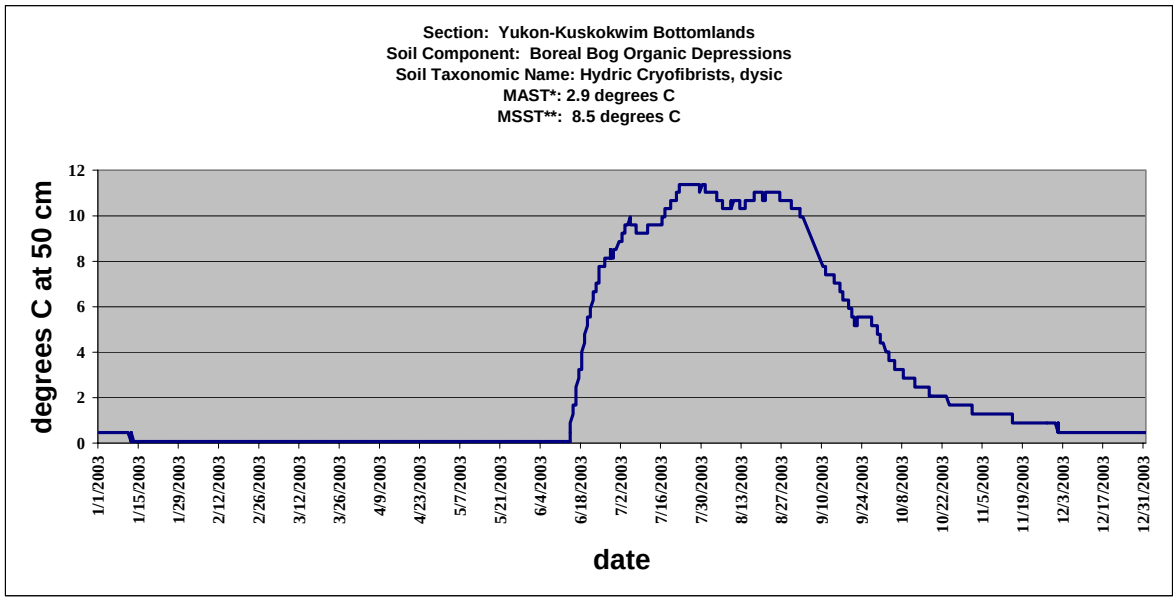


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Fluvaquentic Cryohemists, dysic

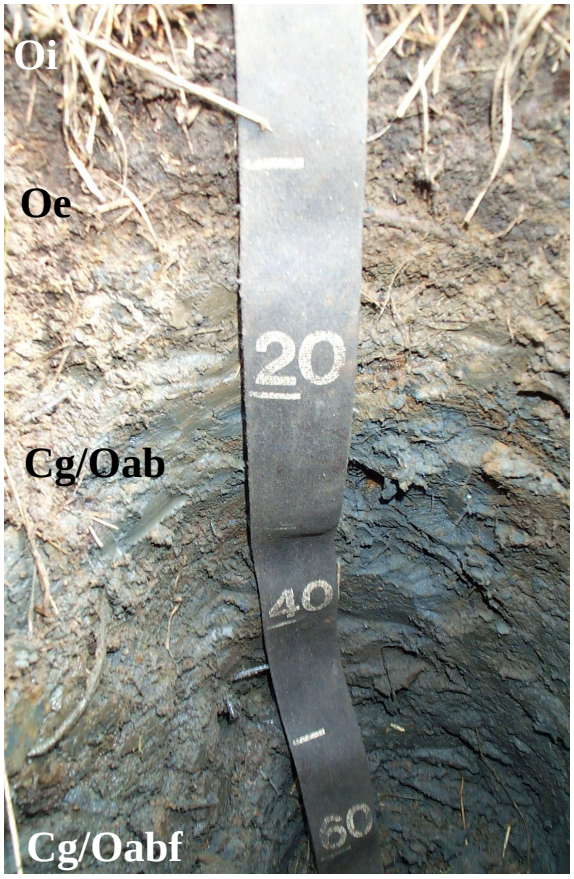


Soil temperature graph is from a similar soil component

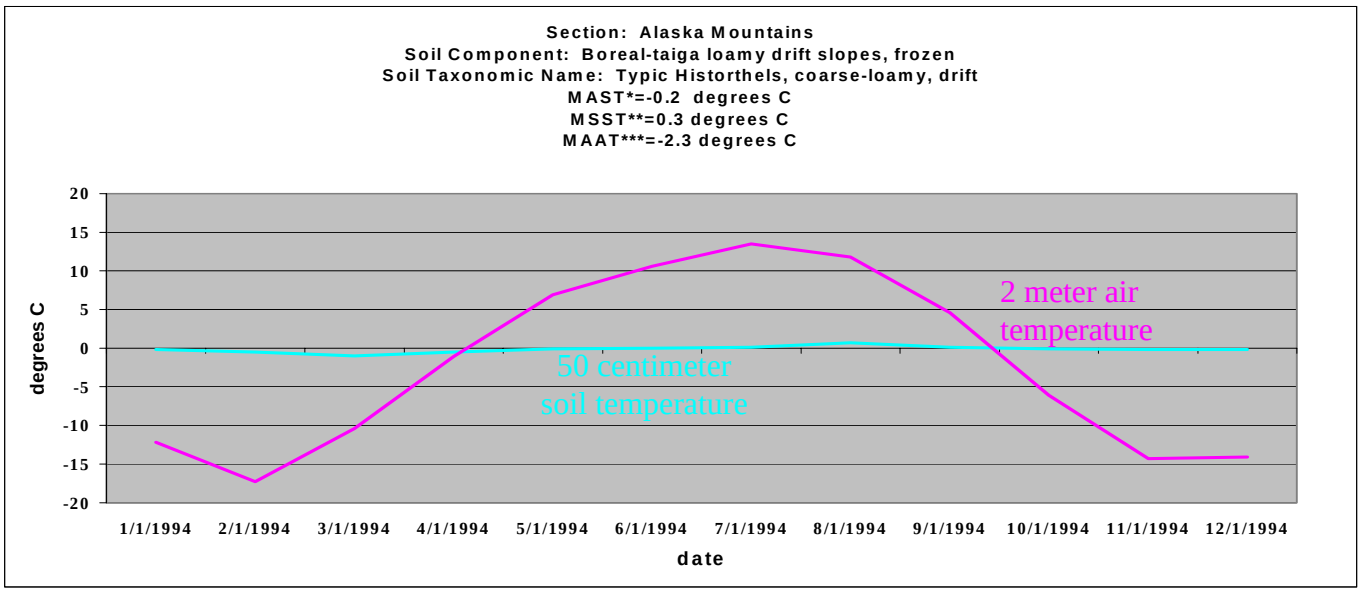


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Fluvaquentic Historthels, coarse-loamy

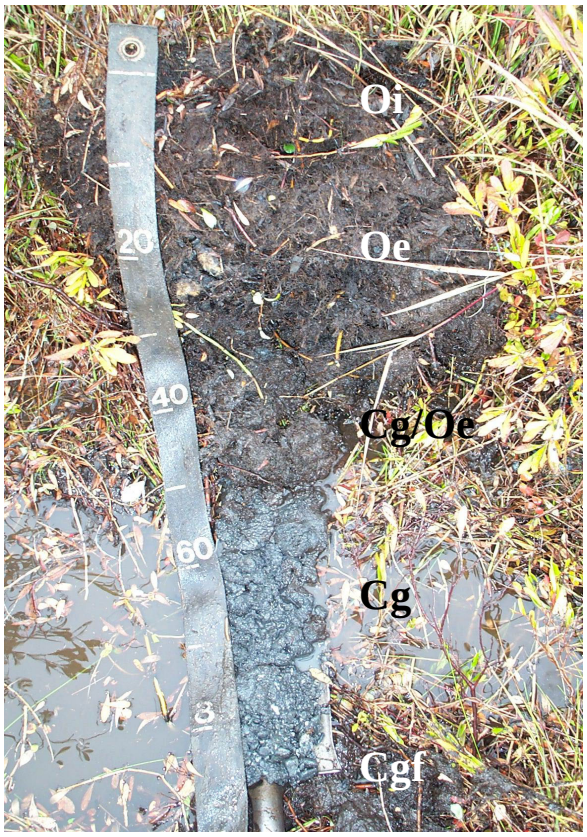


Soil temperature graph is from a similar soil component

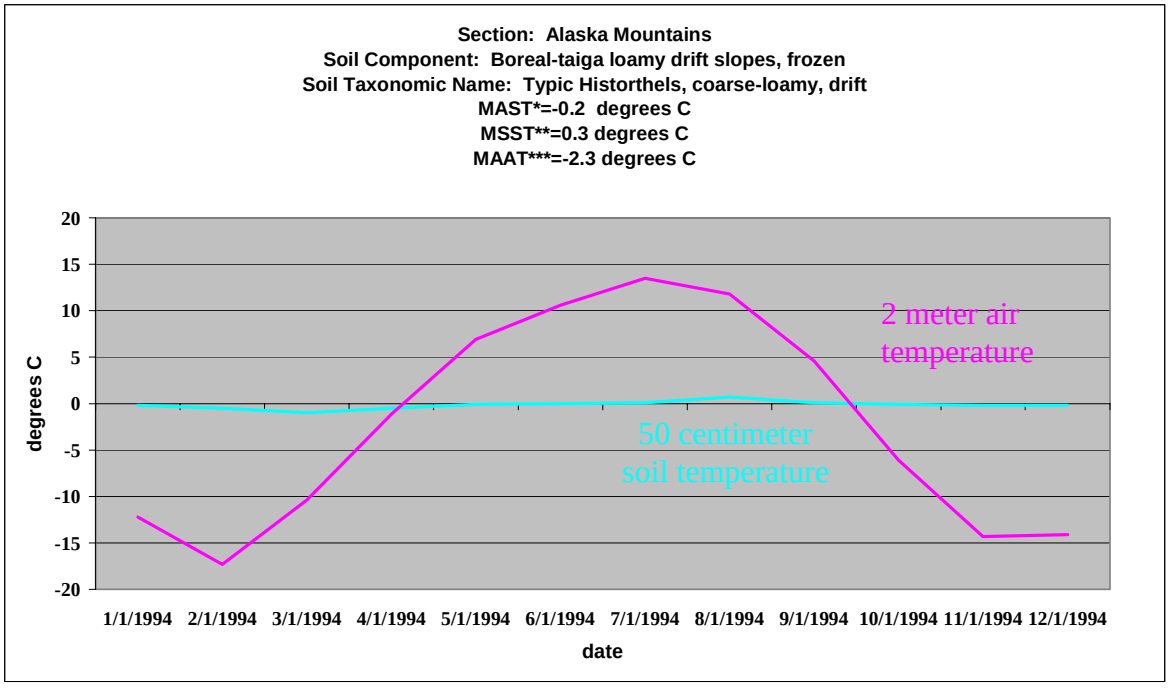


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm
***MAAT-Mean Annual Air Temperature at 2 m

Typic Soil Profile and Temperature Graph
Fluvaquentic Historthels, coarse-silty

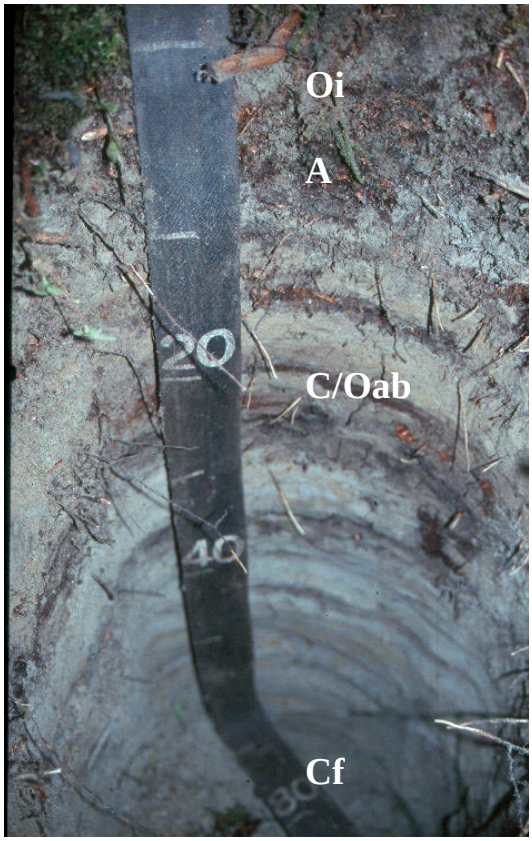


Soil temperature graph is from a similar soil component

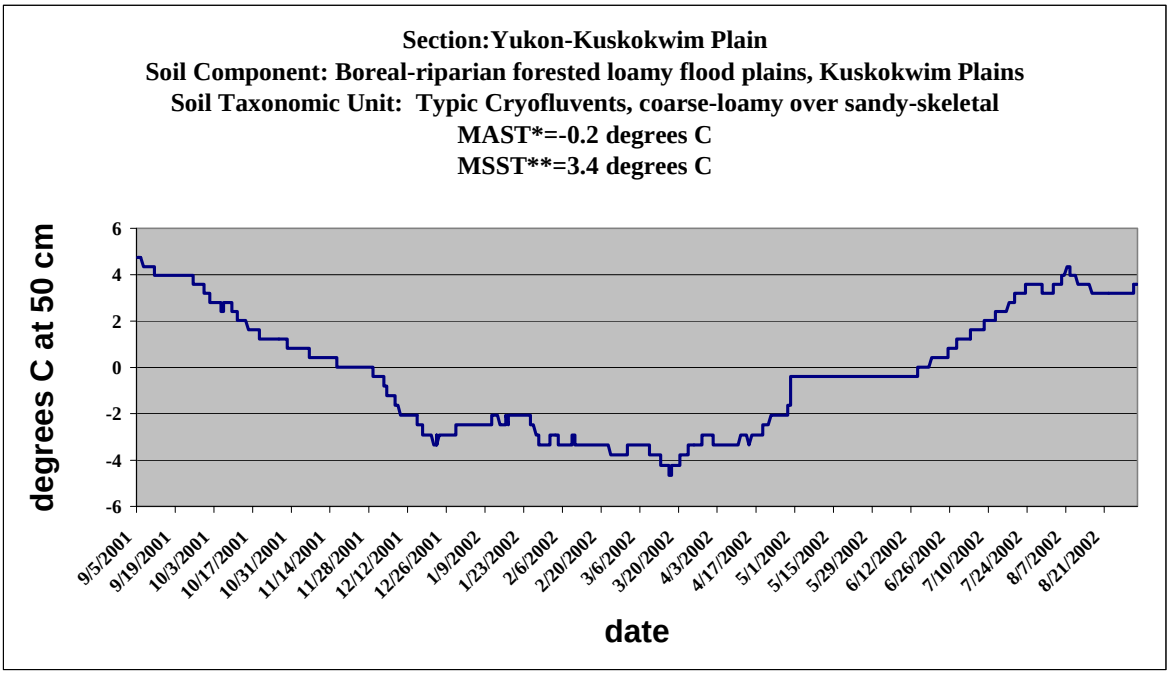


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm
***MAAT-Mean Annual Air Temperature at 2 m

Typic Soil Profile and Temperature Graph
Fluventic Haplorthels, coarse-loamy

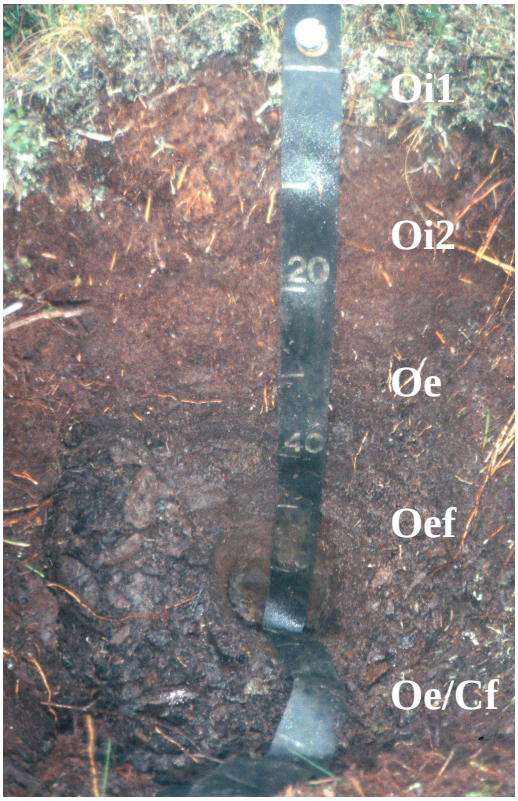


Soil temperature graph is from a similar soil component

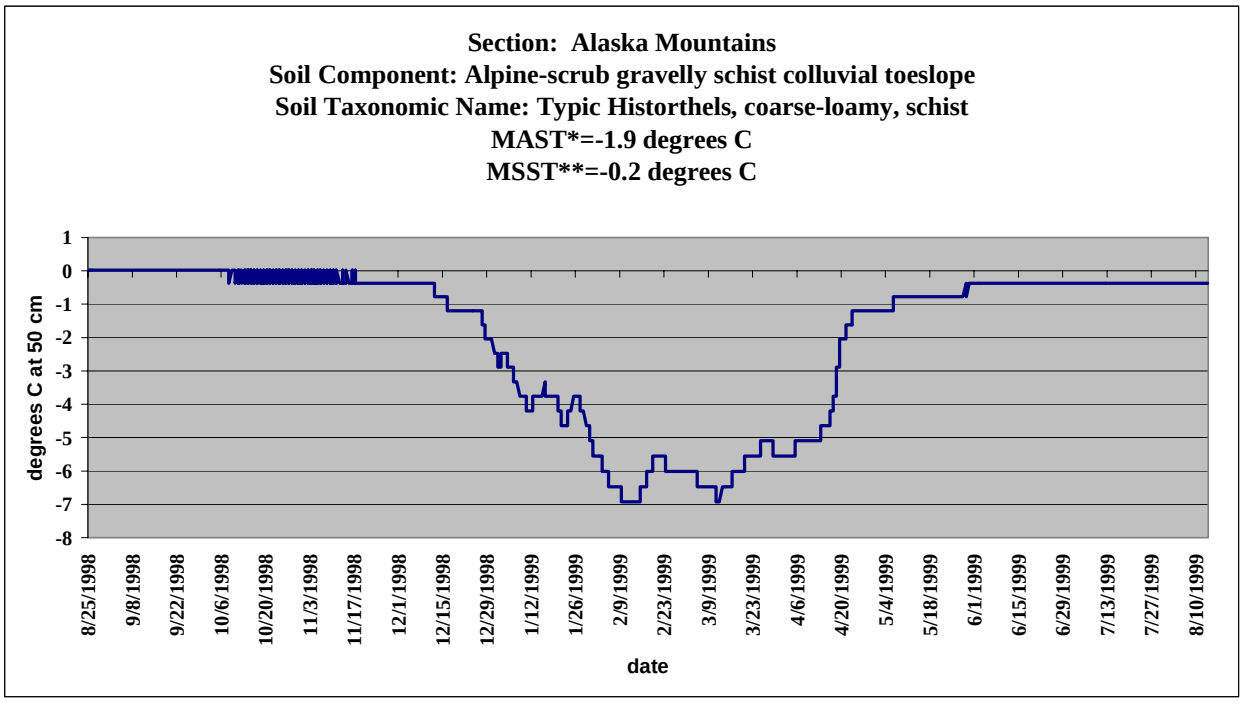


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graphs
Glacic Folistels, dysic



Soil temperature graph is from a similar soil component

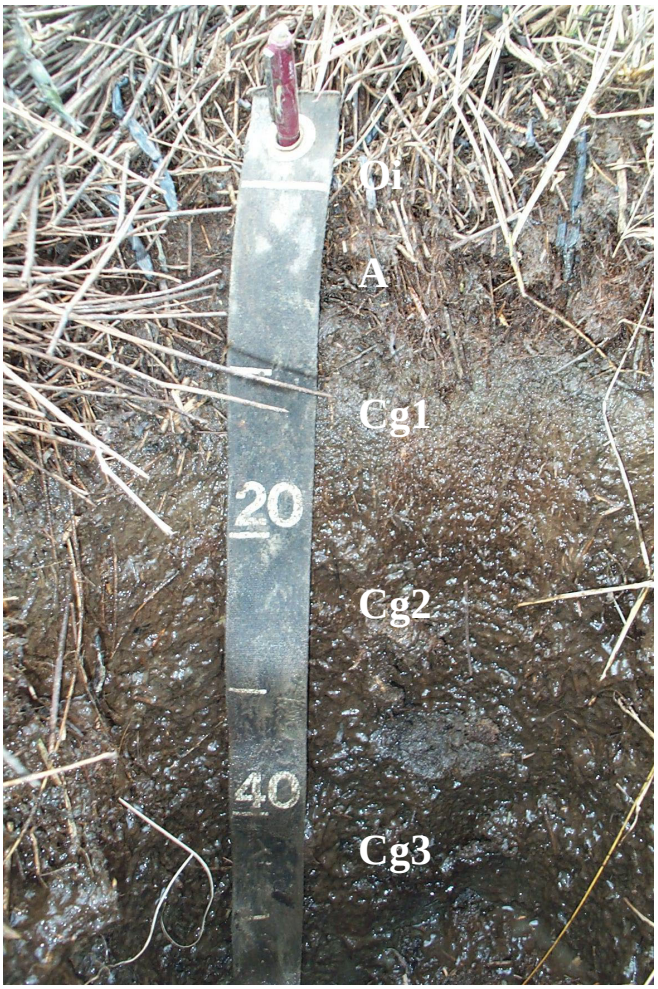


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Histic Cryaquepts, loamy-skeletal

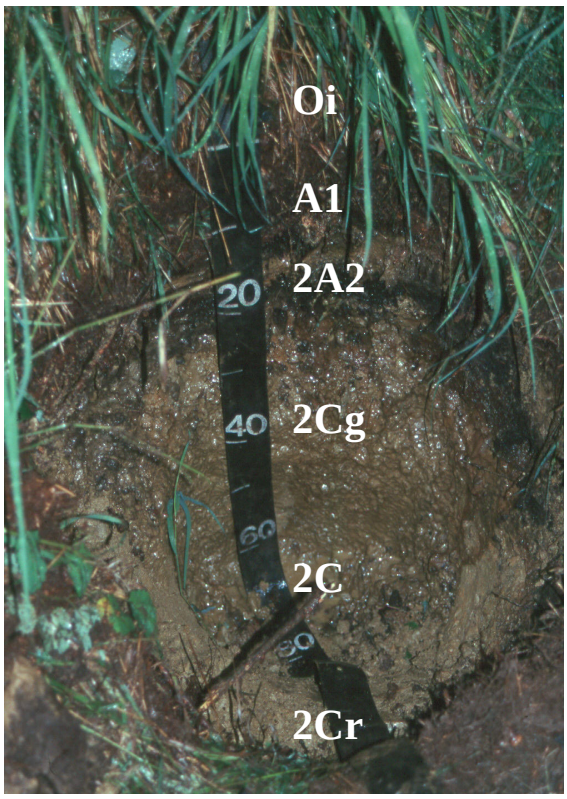
Soil temperature information unavailable for this soil component

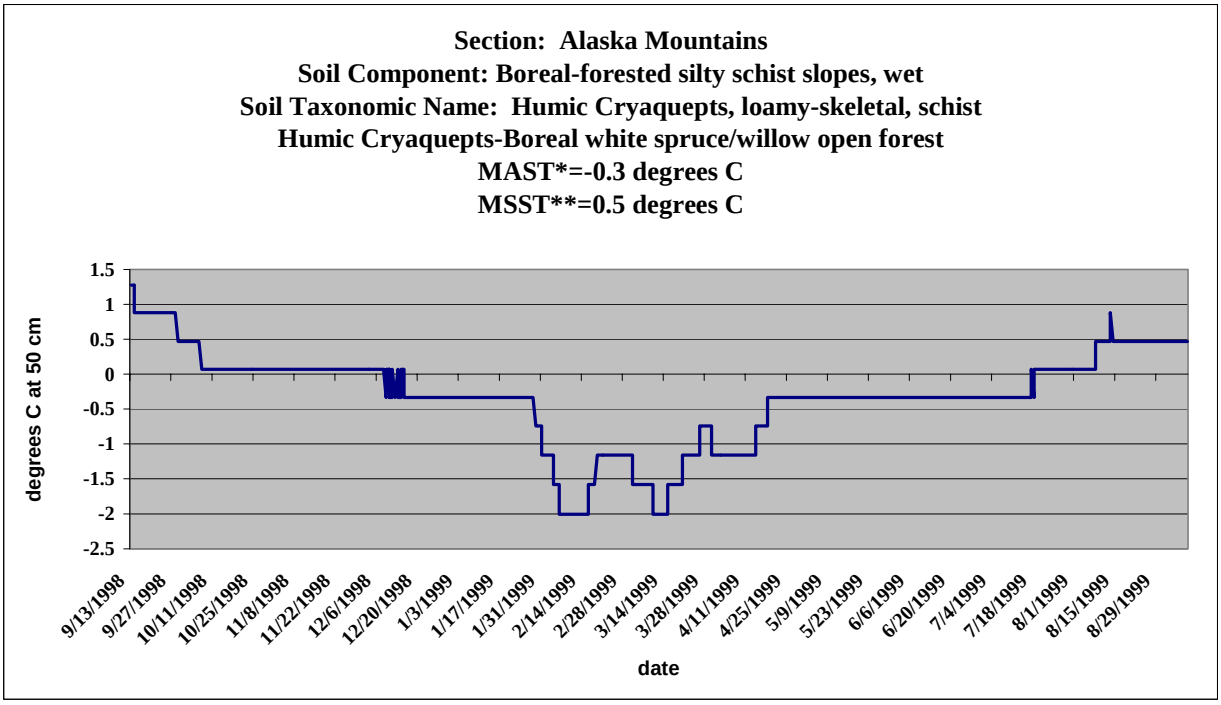
Typic Soil Profile and Temperature Graphs
Humic Cryaquepts, coarse-loamy



Soil temperature information unavailable for this soil component

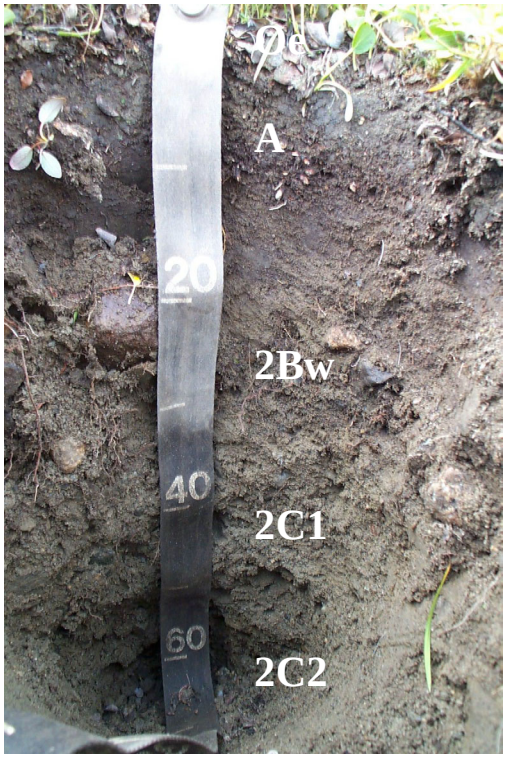
Typic Soil Profile and Temperature Graph
Humic Cryaquepts, loamy-skeletal



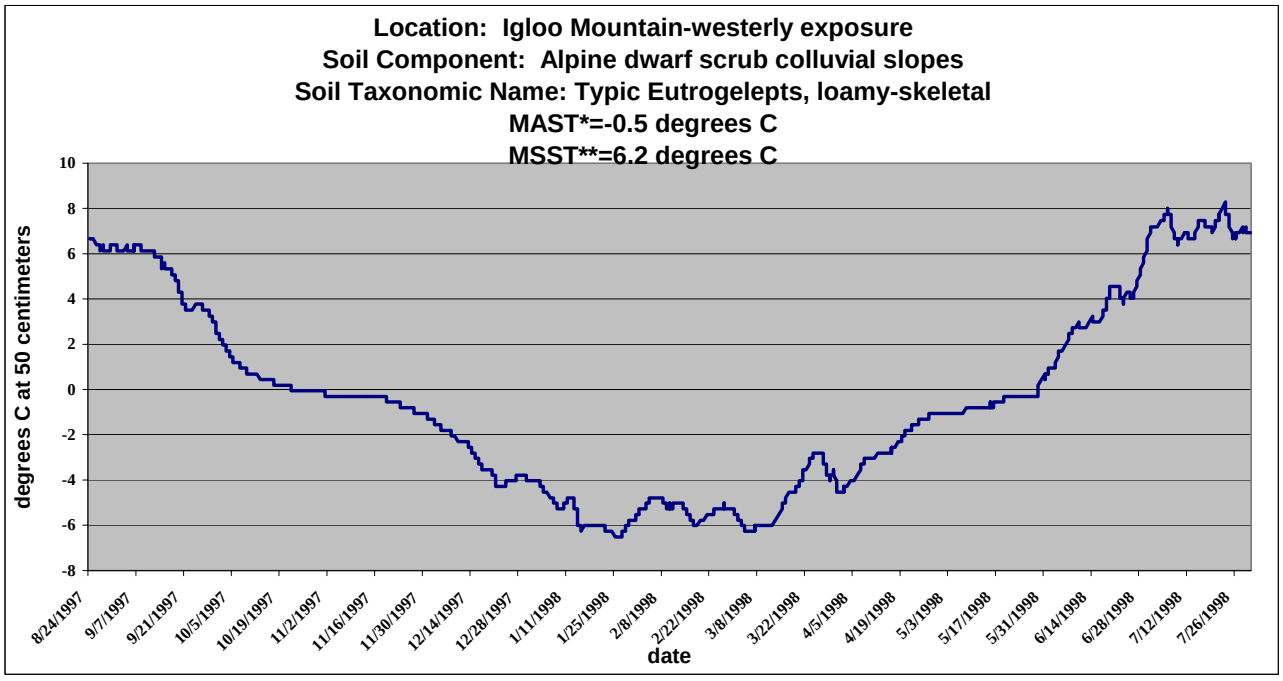


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Humic Eutrogelepts, loamy-skeletal

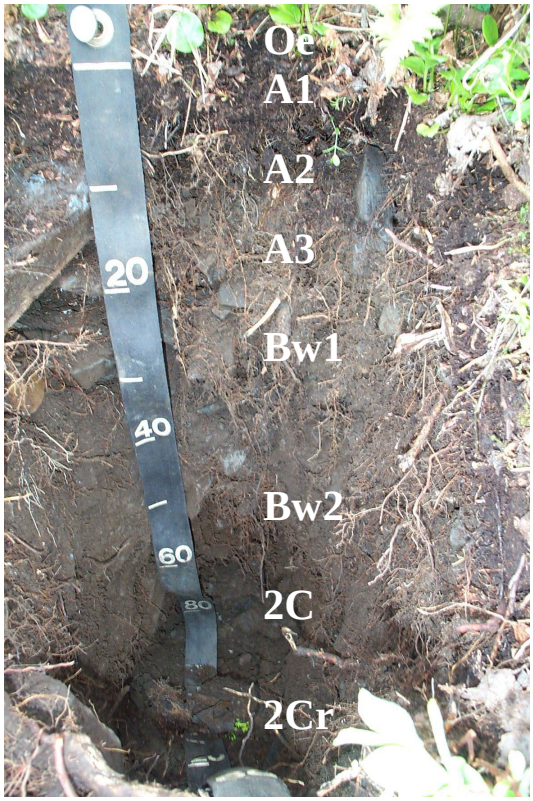


Soil Temperature Graph is From a Similar Soil Component

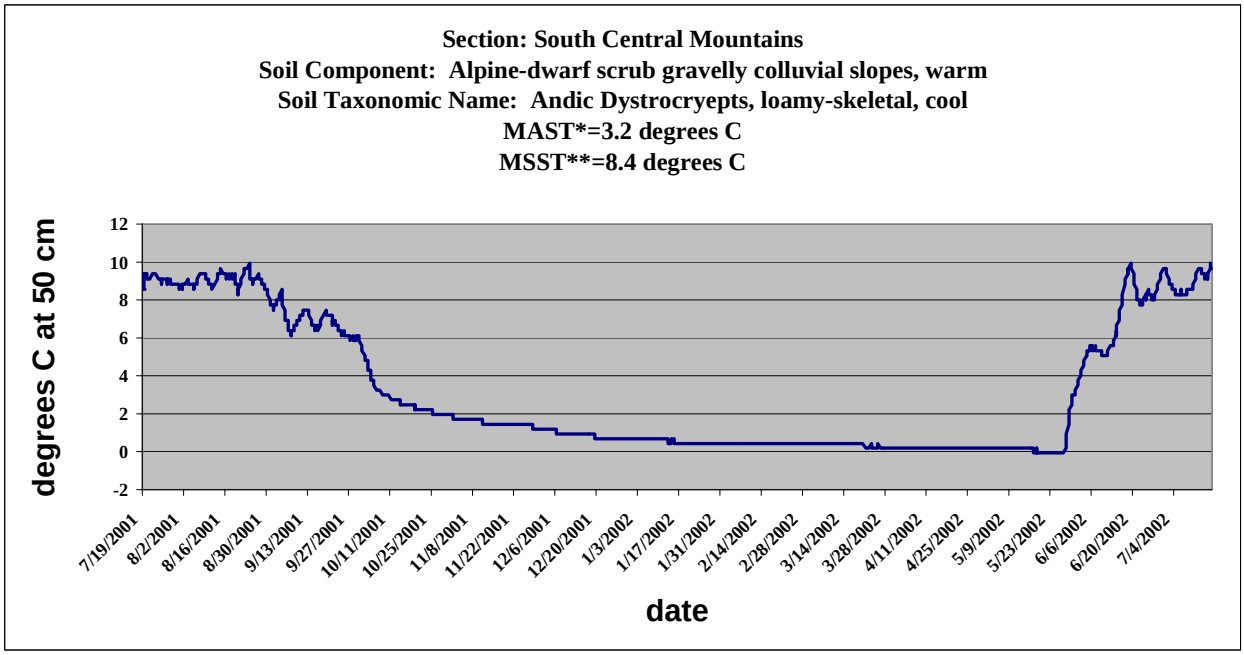


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Humic Vitricryands, medial-skeletal

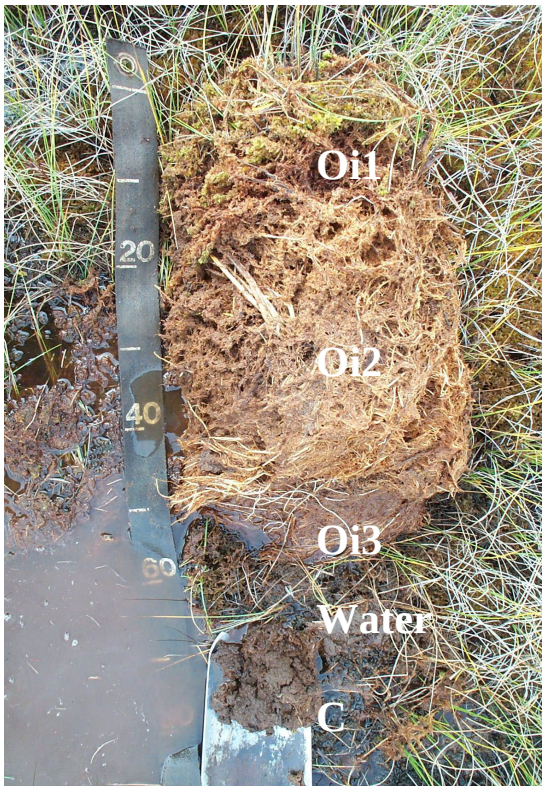


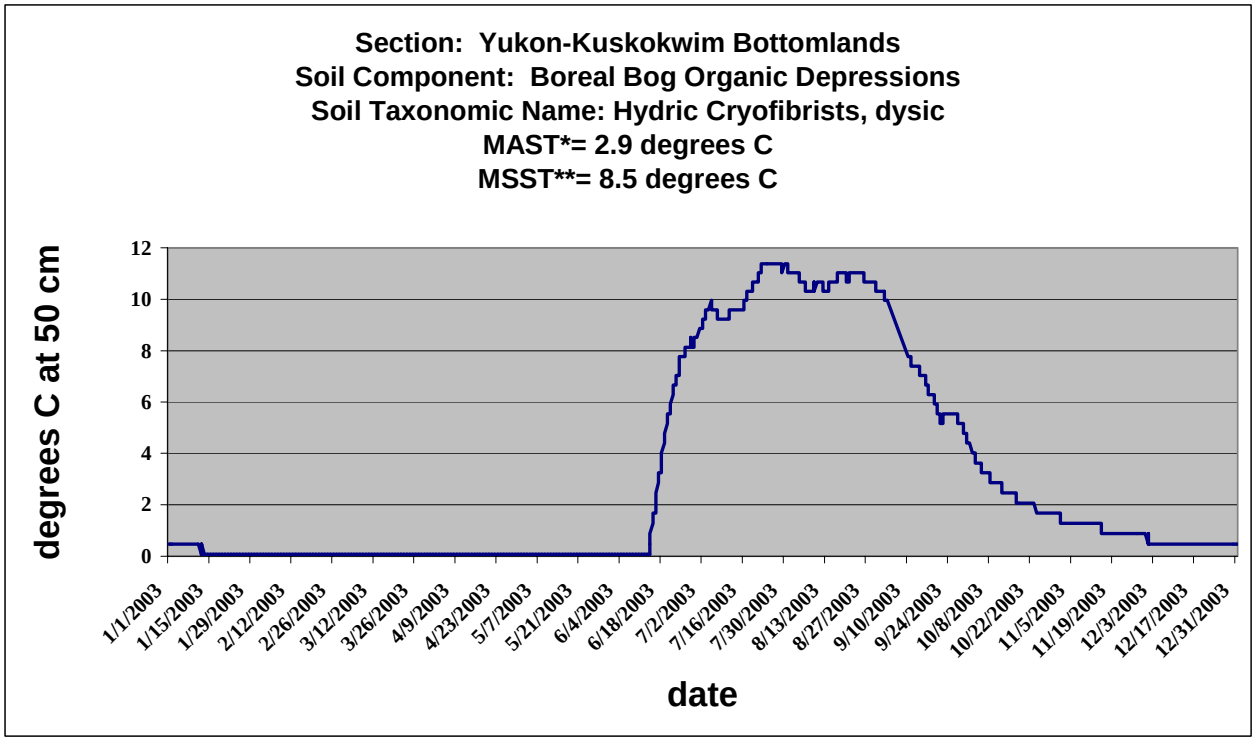
Soil Temperature Graph is From a Similar Soil Component



*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

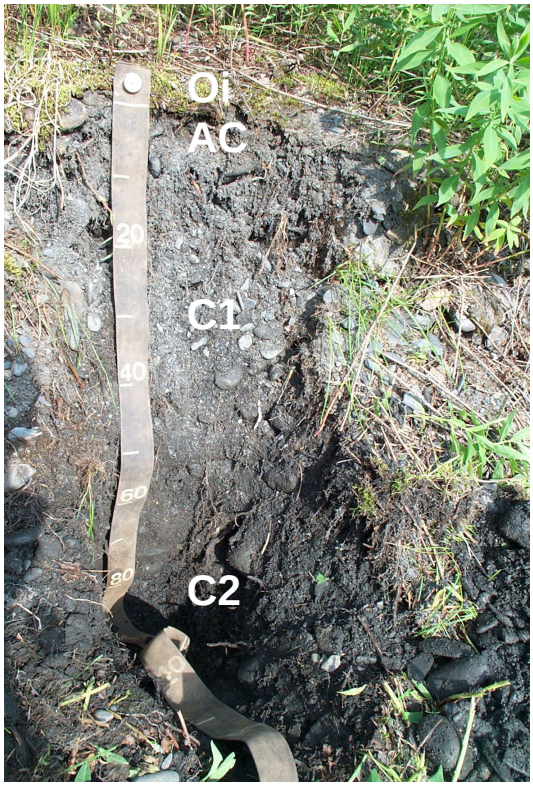
Typic Soil Profile and Temperature Graph
Hydric Cryofibrists, dysic



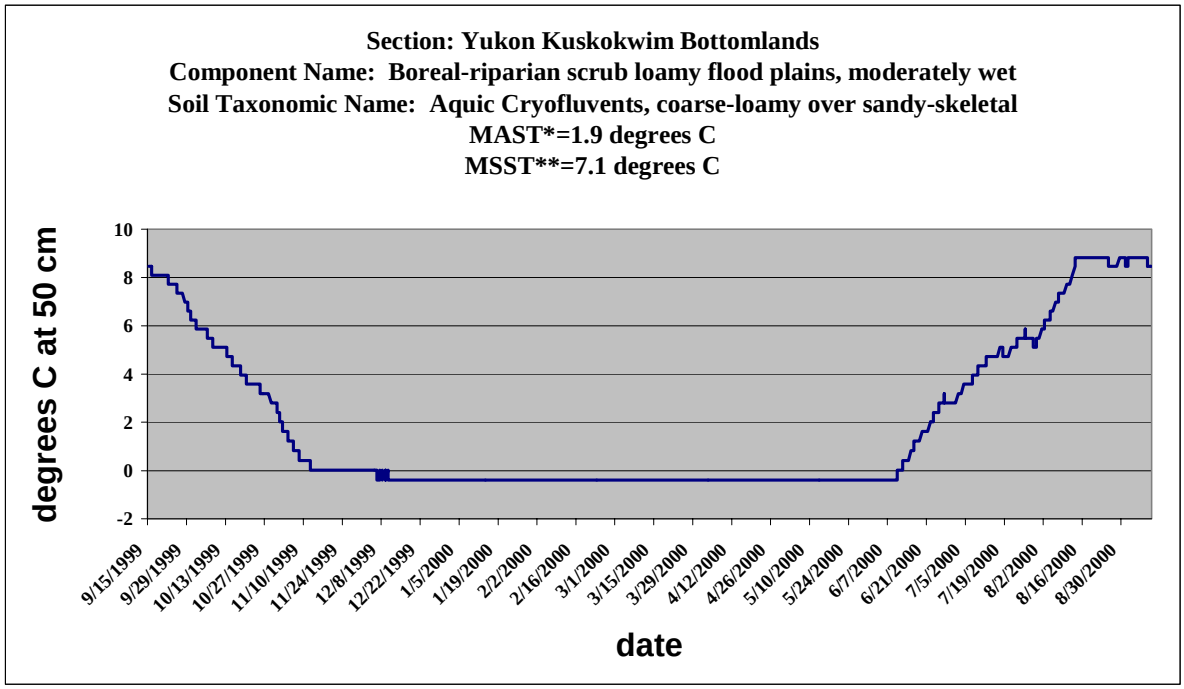


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Oxyaquic Cryorthents, sandy-skeletal

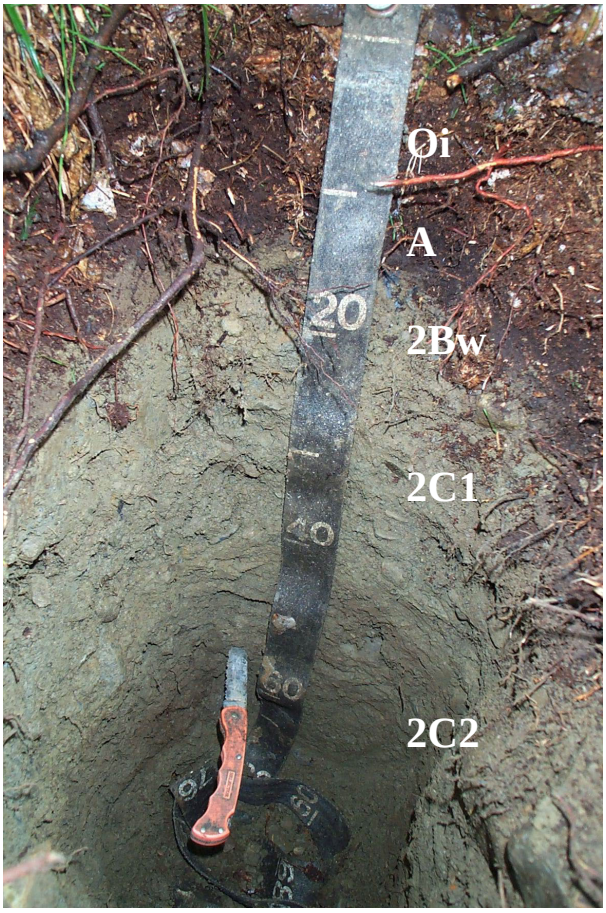


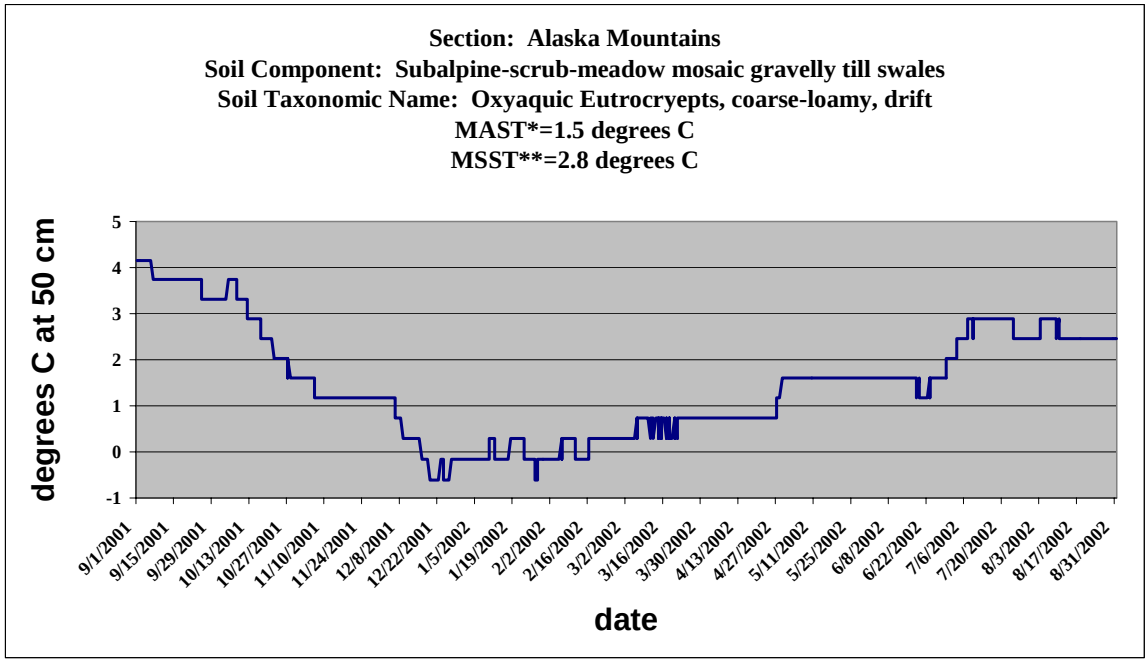
Soil Temperature Graph is From a Similar Soil Component



*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Oxyaquic Eutrocryepts, coarse-loamy

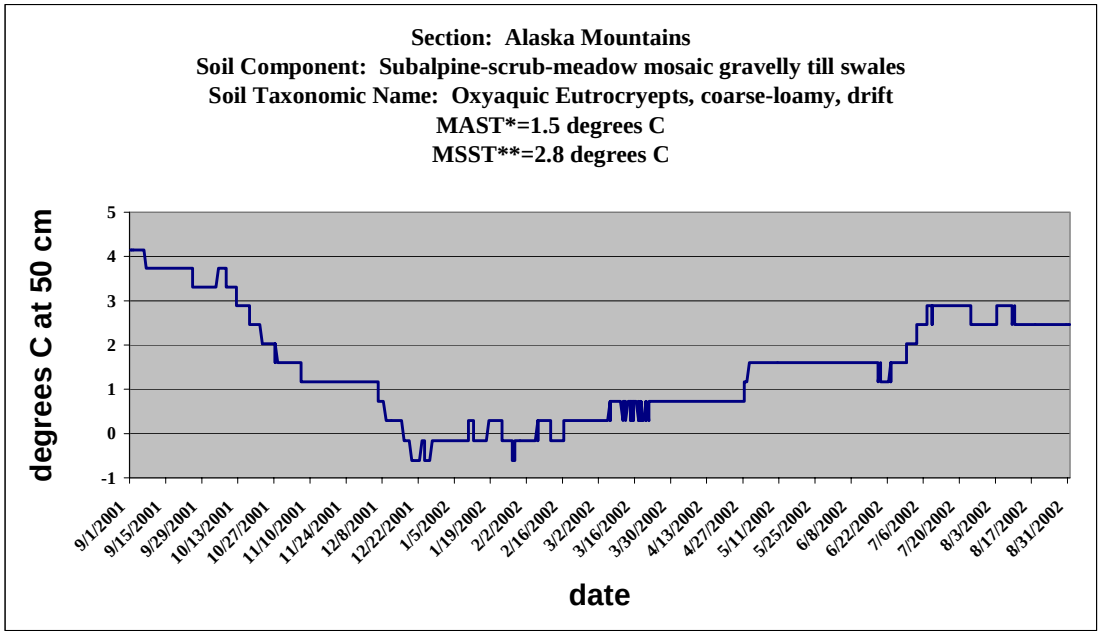




*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

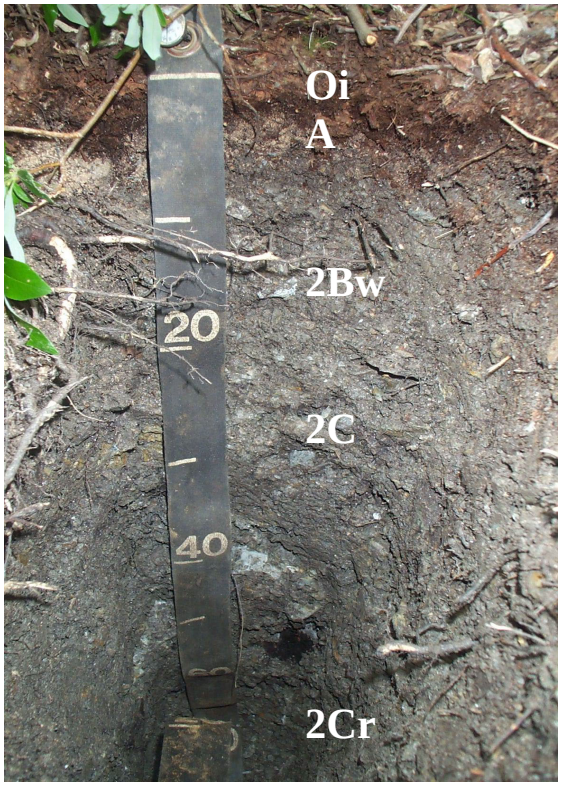
Typic Soil Profile and Temperature Graph
Oxyaquic Eutrocryepts, coarse-silty over sandy-skeletal

Soil temperature graph is from a similar soil component

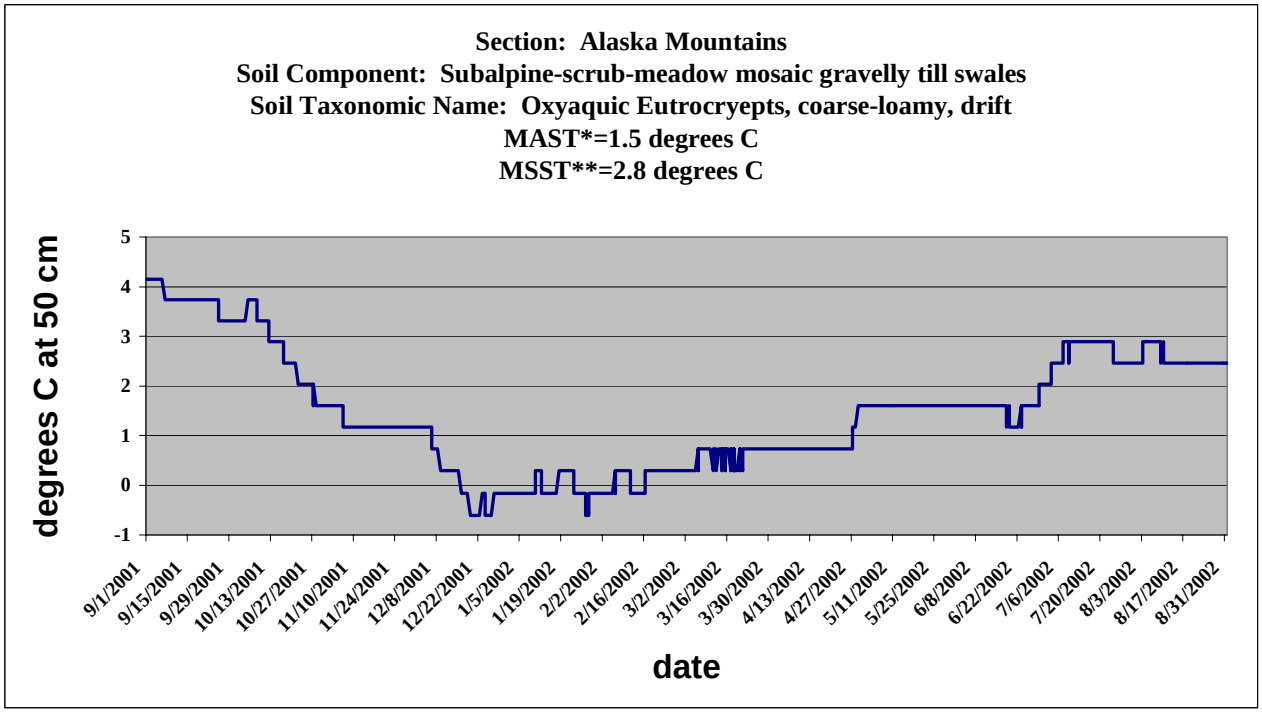


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Oxyaquic Eutrocryepts, loamy-skeletal

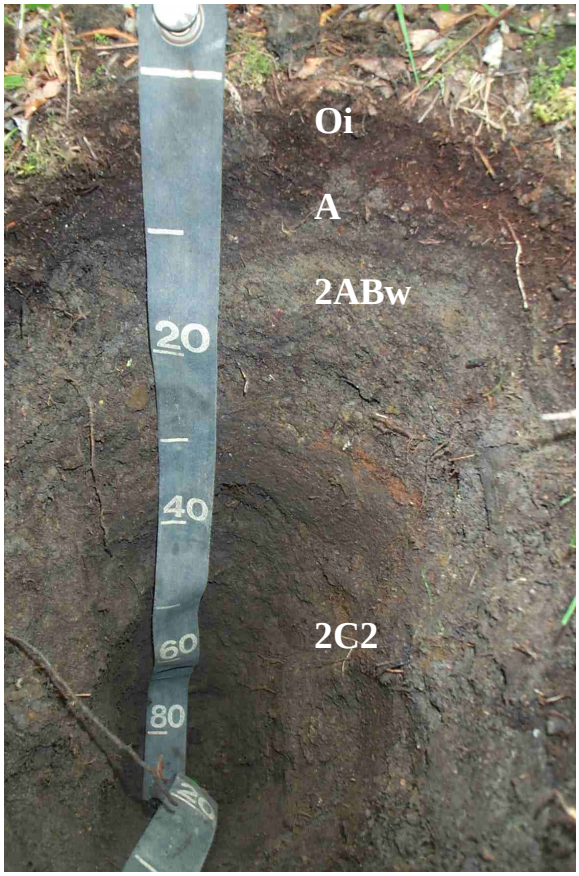


Soil temperature graph is from a similar soil component

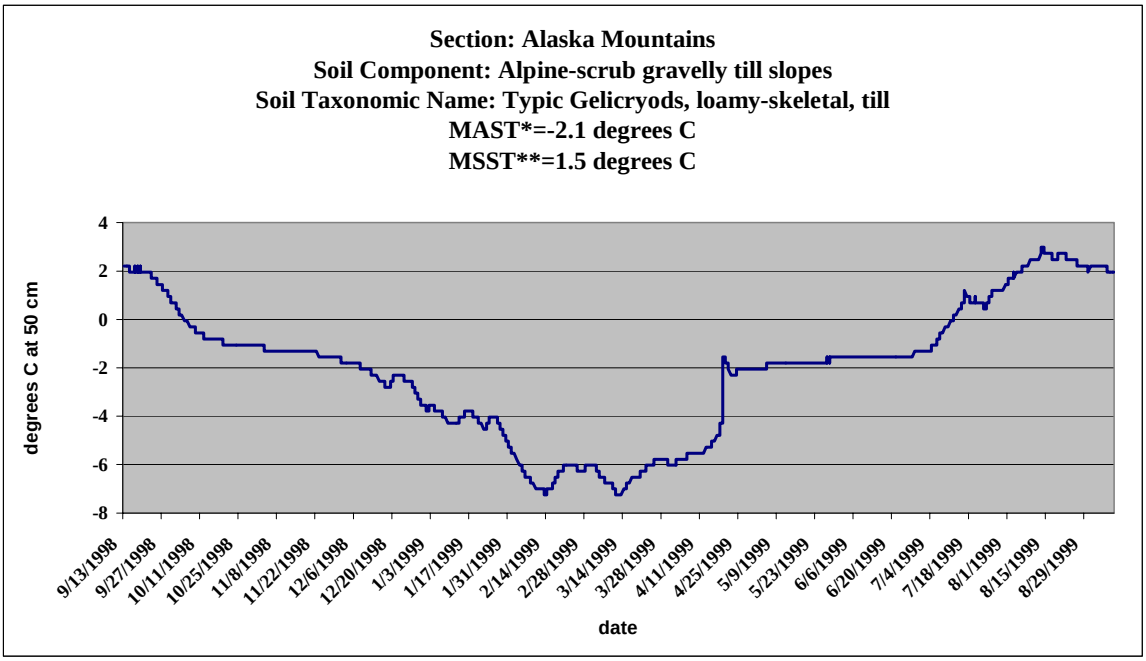


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
(Oxyaquic) Humic Eutrogelepts, coarse-loamy

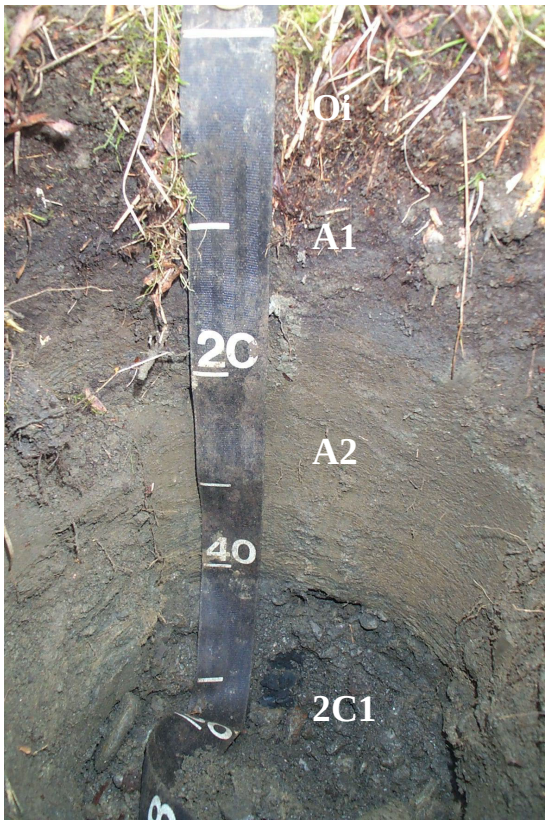


Soil Temperature Graph is from a Similar Soil Component

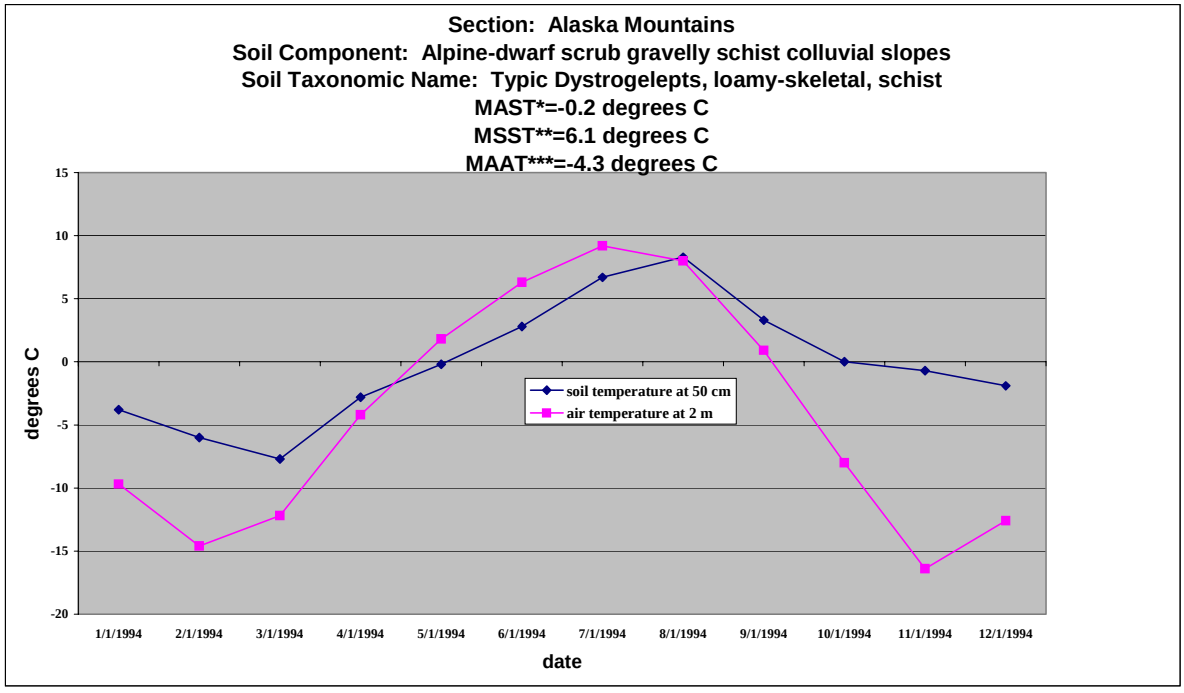


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
(Oxyaquic) Humic Eutrogelepts, coarse-silty over sandy-skeletal

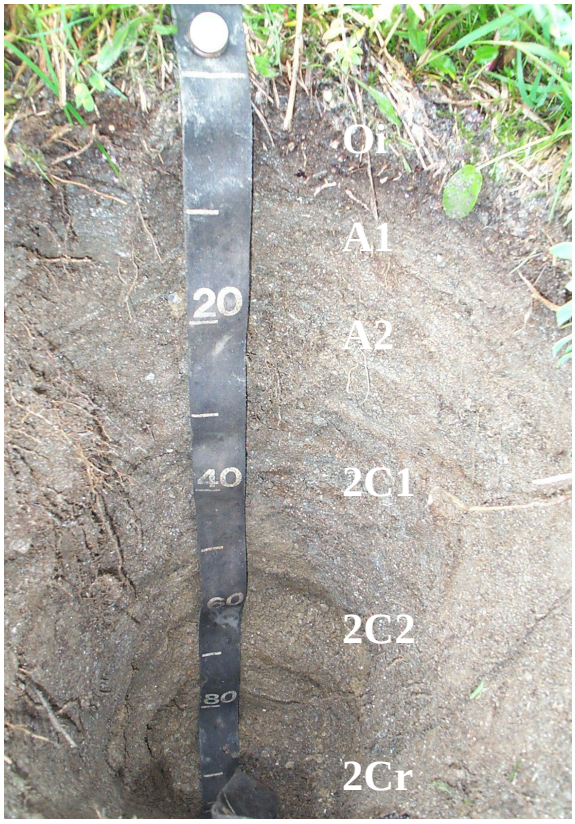


Soil Temperature Graph is from a Similar Soil Component

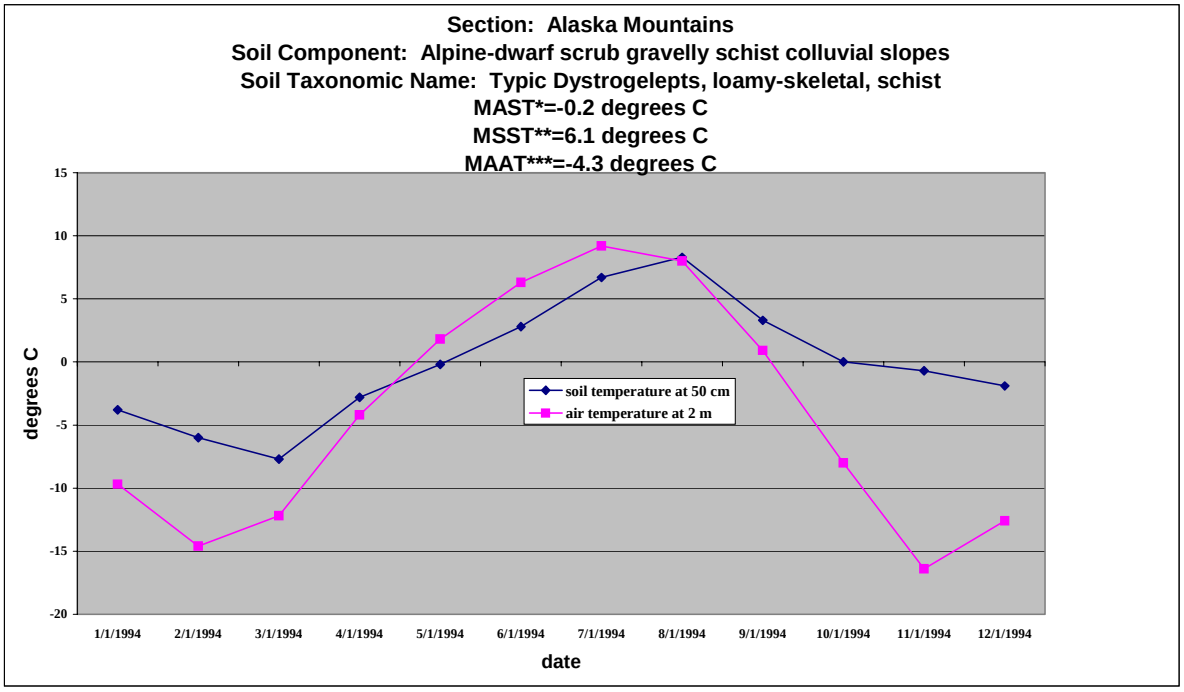


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm
***MAAT-Mean Annual Air Temperature at 2 m

Typic Soil Profile and Temperature Graph
(Oxyaquic) Humic Eutrogelepts, loamy-skeletal



Soil Temperature Graph from a Similar Soil Component



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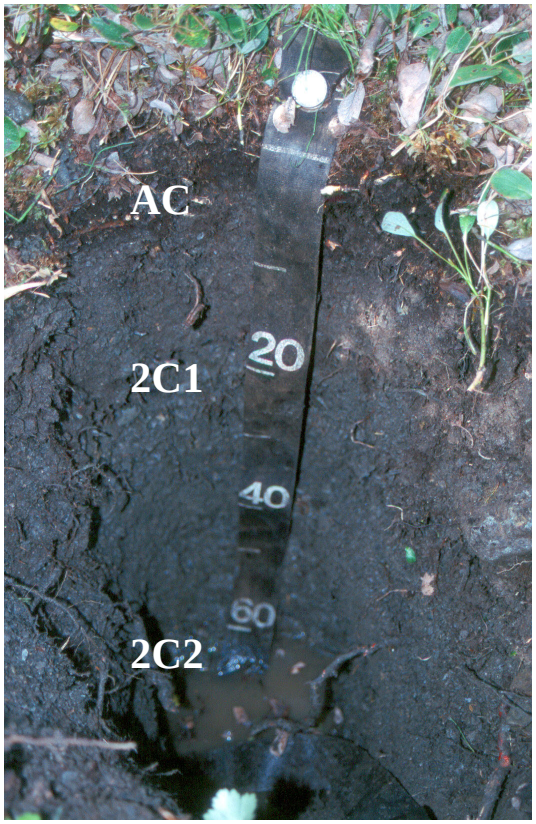
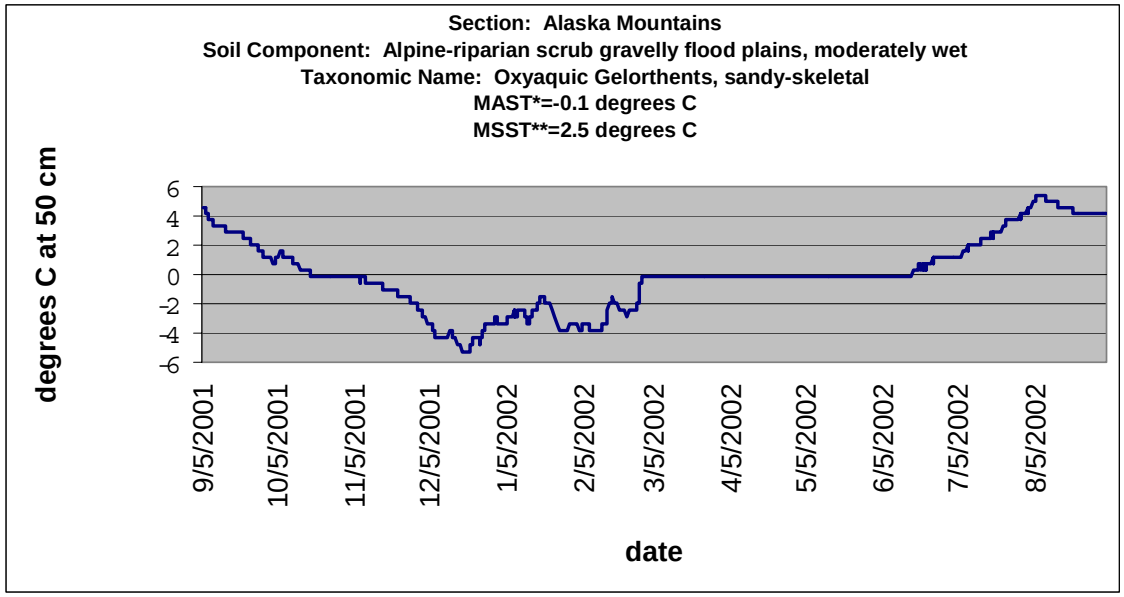
**MSST-Mean Summer Soil Temperature at 50 cm
***MAST-Mean Annual Air Temperature at 2 m

Typic Soil Profile and Temperature Graph
Oxyaquic Gelorthents, sandy-skeletal





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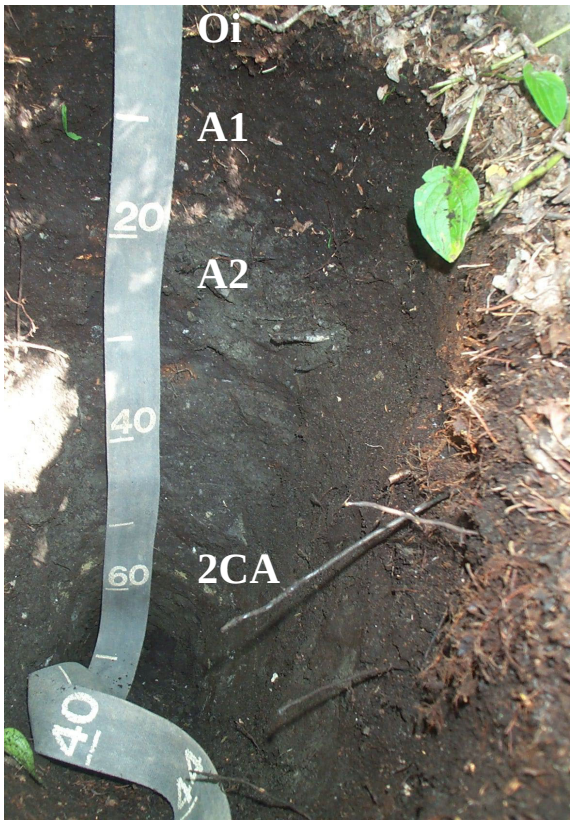
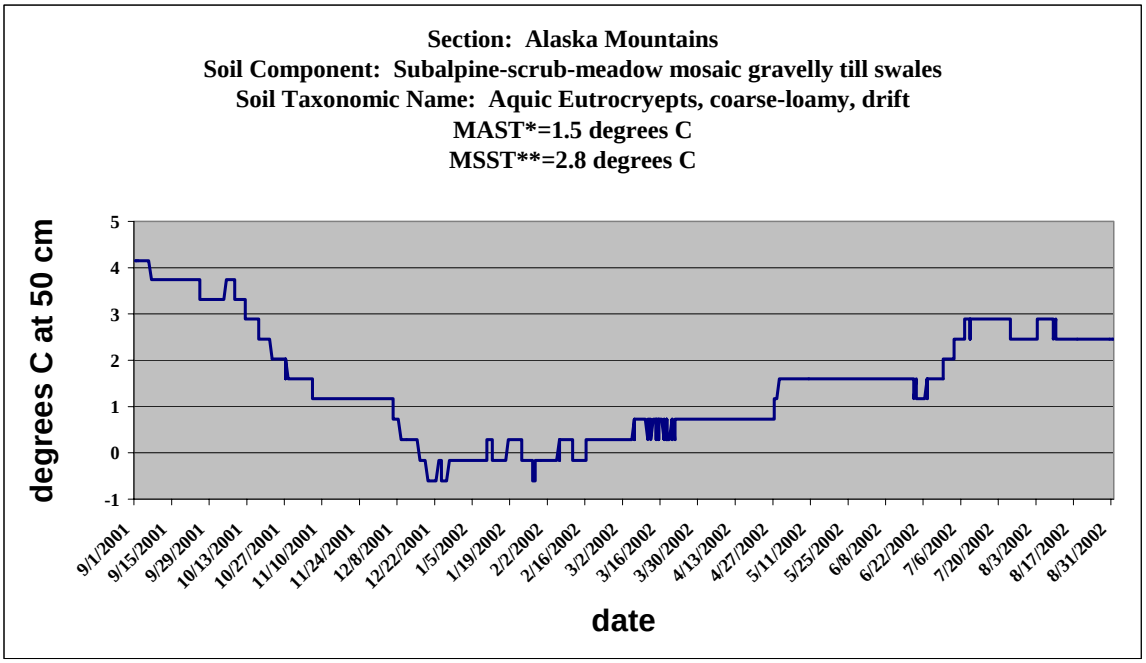
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Oxyaquic Haplocryolls, coarse-loamy



Soil Temperature Graph is from a Similar Soil Component



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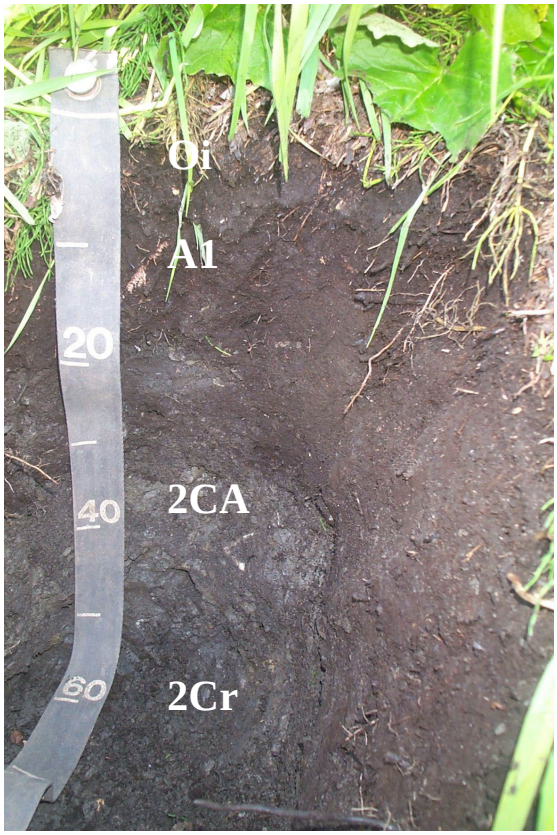
Typic Soil Profile and Temperature Graph
(Oxyaquic) Typic Haplogelolls, loamy-skeletal



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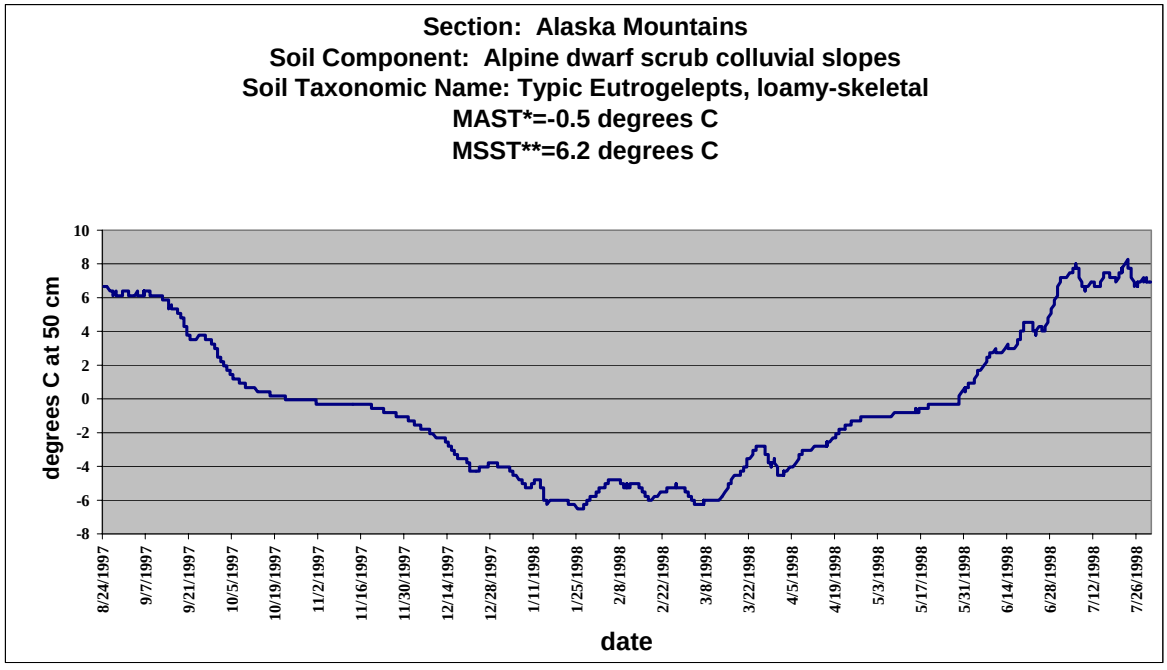

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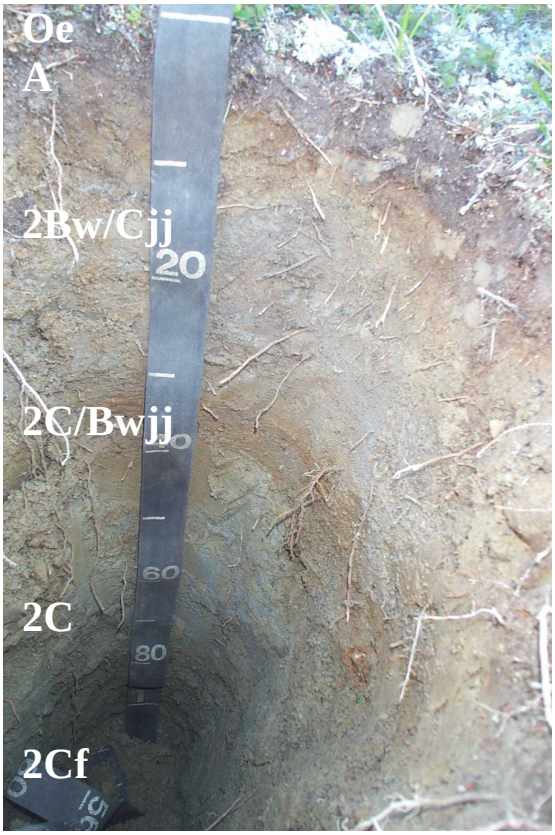
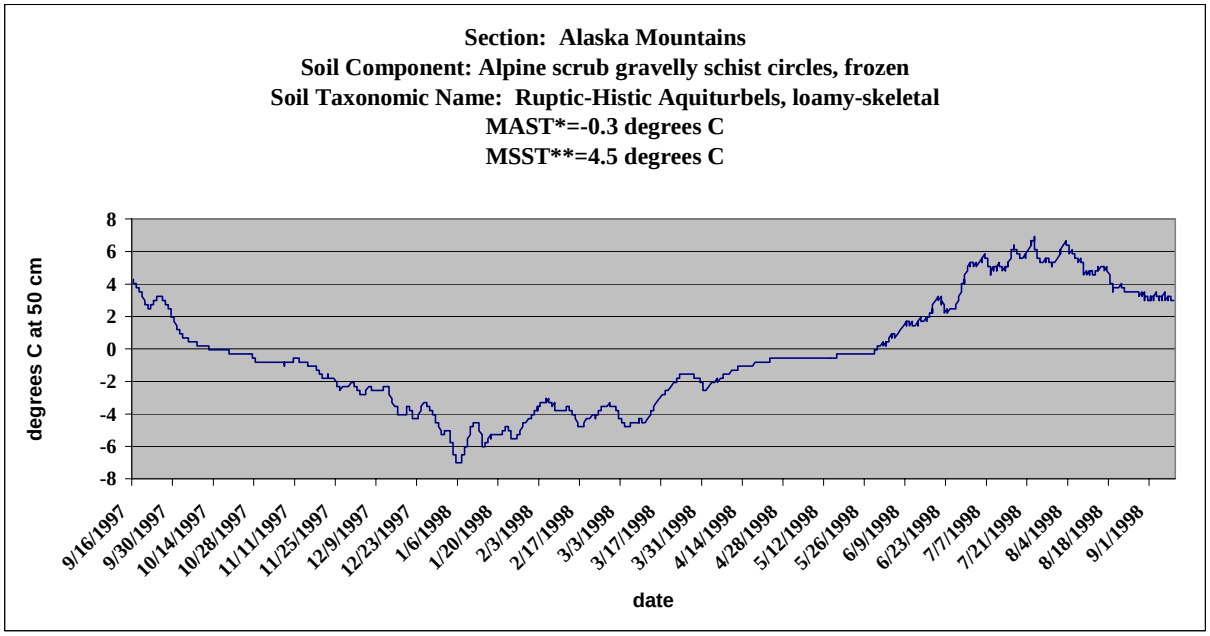
Typic Soil Profile and Temperature Graph
Ruptic-Histic Aquiturbels, coarse-loamy



Soil Temperature Graph is from a Similar Soil Component



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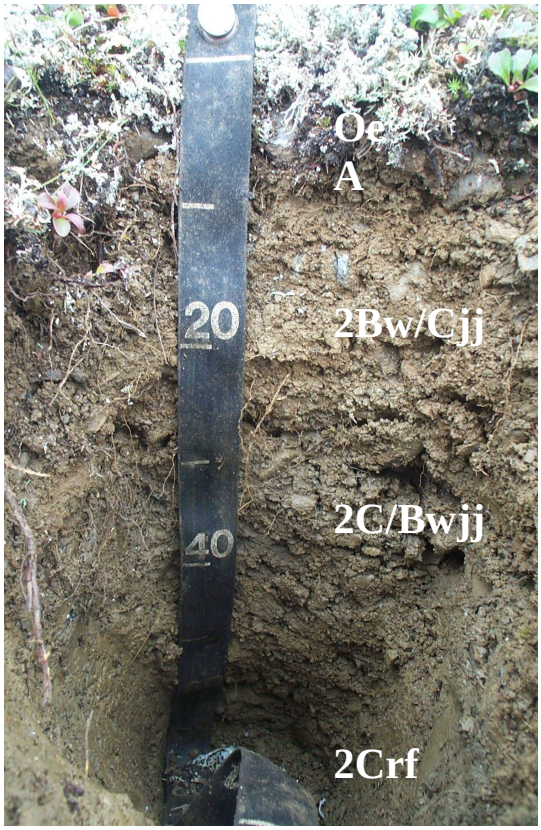
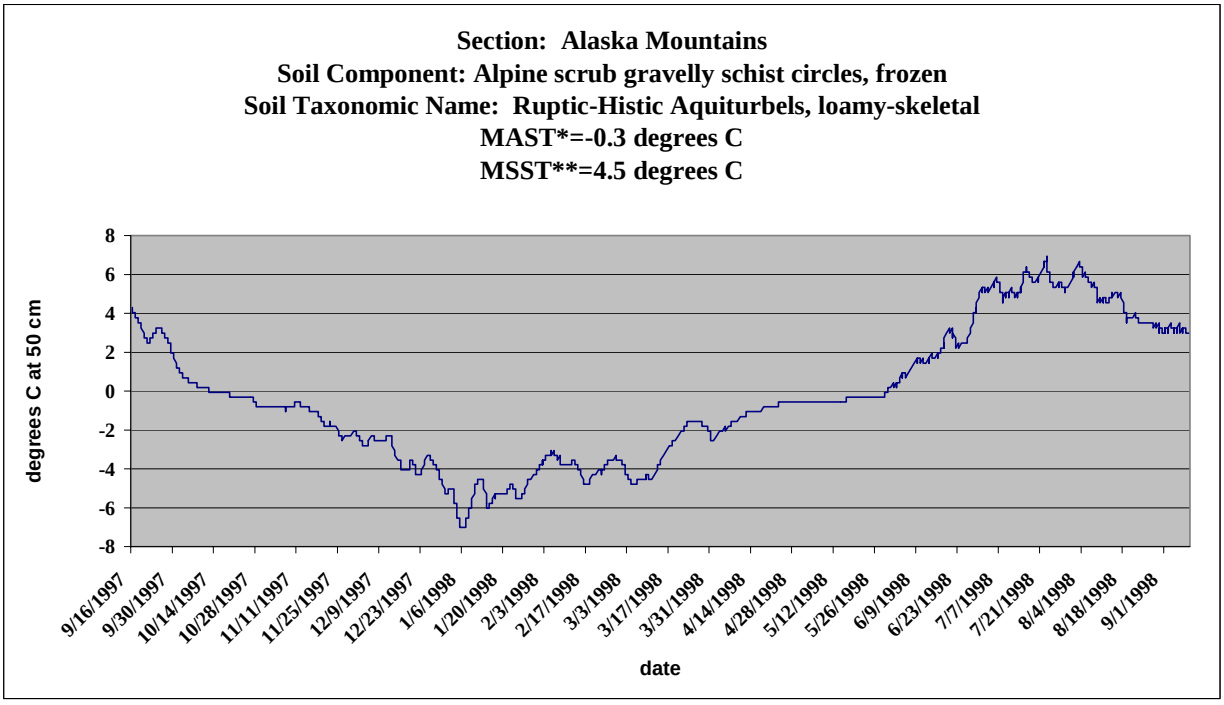
Typic Soil Profile and Temperature Graph
Ruptic-Histic Aquiturbels, loamy-skeletal





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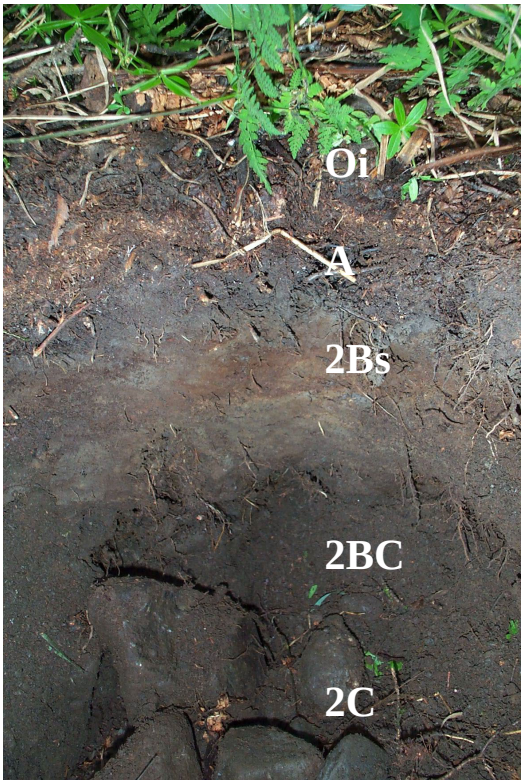
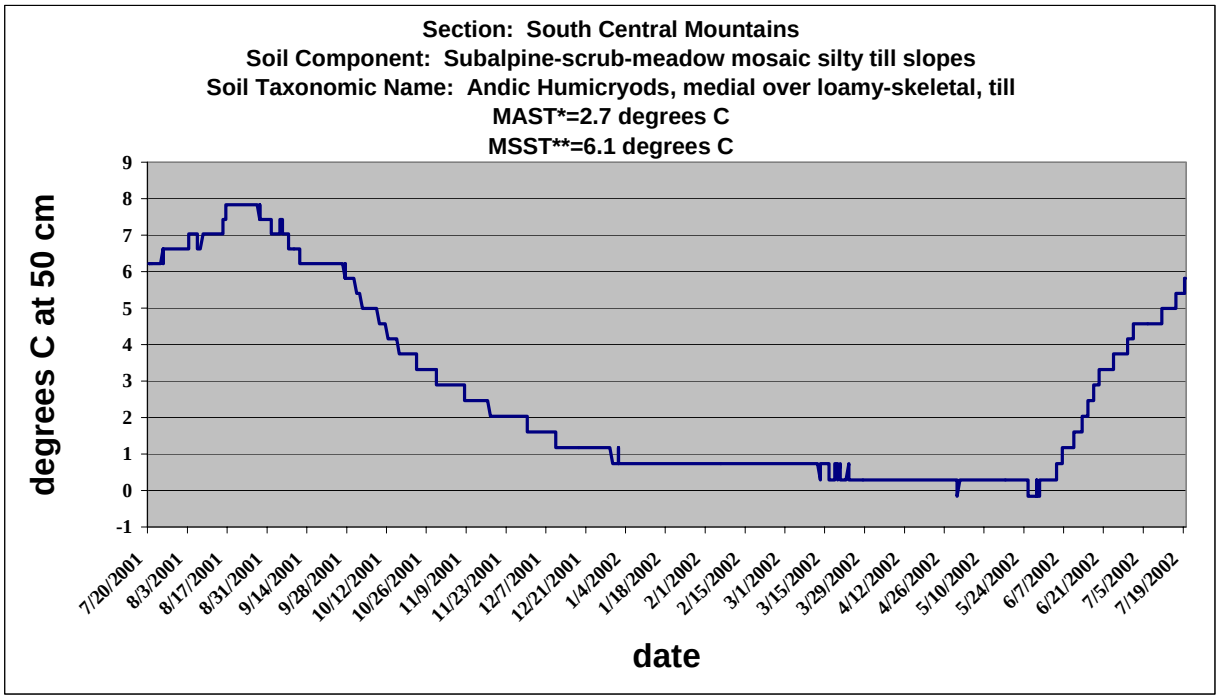
Typic Soil Profile and Temperature Graph
Spodic Dystrocryepts, sandy-skeletal



Soil Temperature Graph is from a Similar Soil Component



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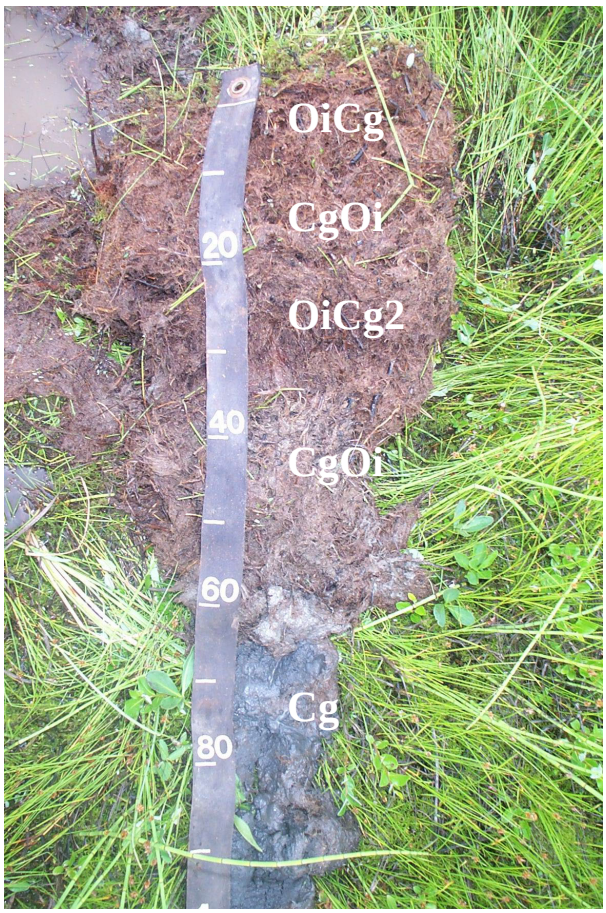
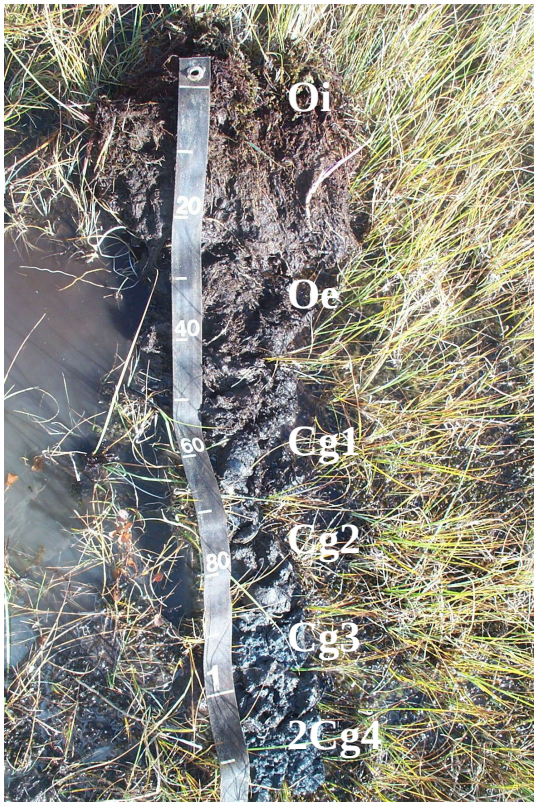
Typic Soil Profile and Temperature Graph
Terric Cryofibrists, euic

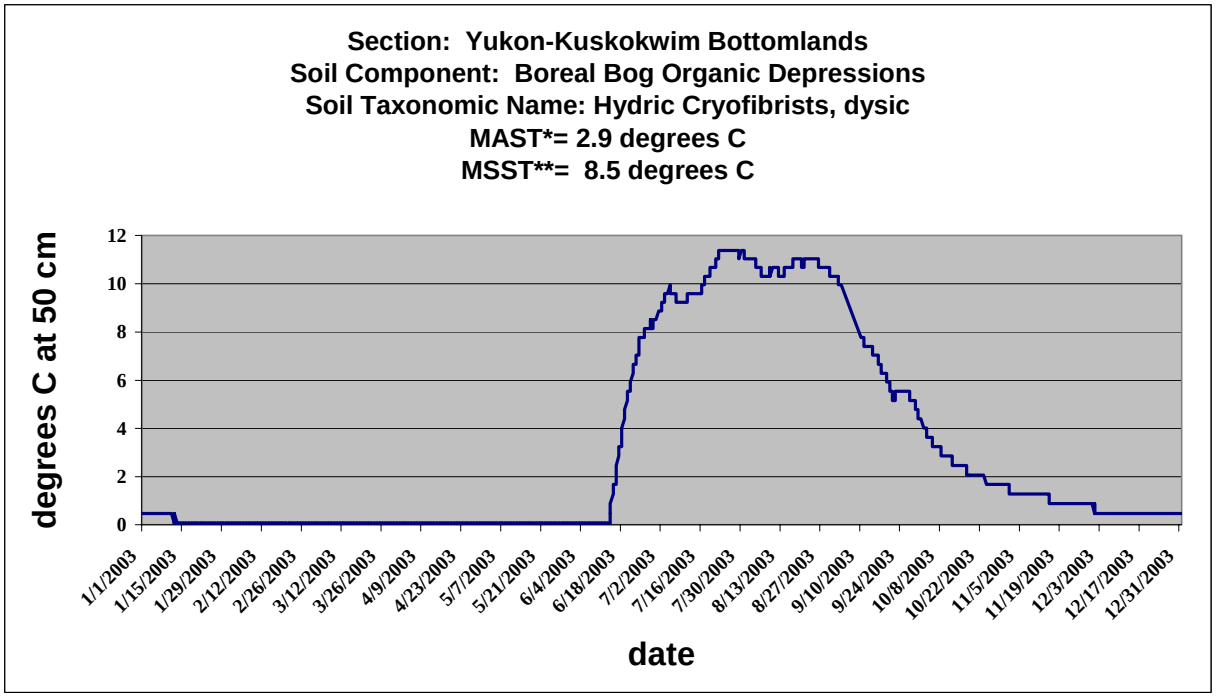


Soil Temperature Information is Unavailable

Typic Soil Profile and Temperature Graph
Terric Cryohemists, loamy



Soil Temperature Graph is from a Similar Soil Component



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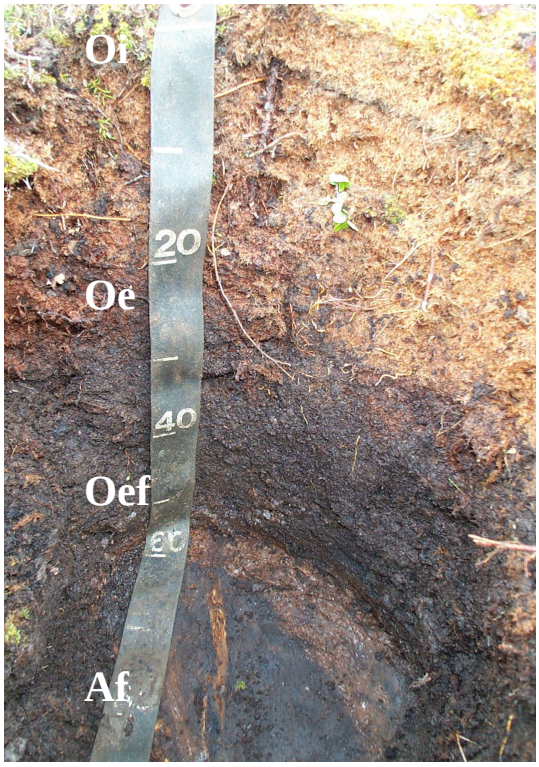
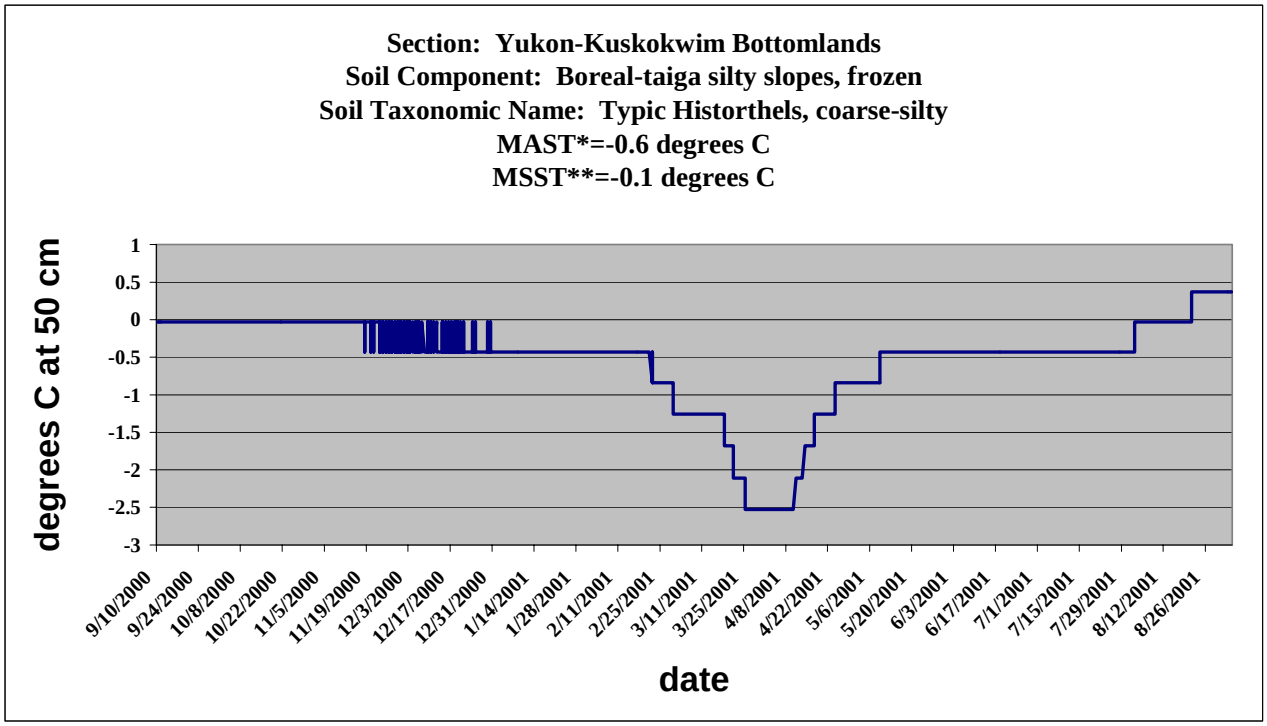
Typic Soil Profile and Temperature Graph
Terric Fibristels, loamy

Soil Temperature Information Unavailable

Typic Soil Profile and Temperature Graph
Terric Hemistels, loamy



Soil Temperature Graph is from a Similar Soil Component



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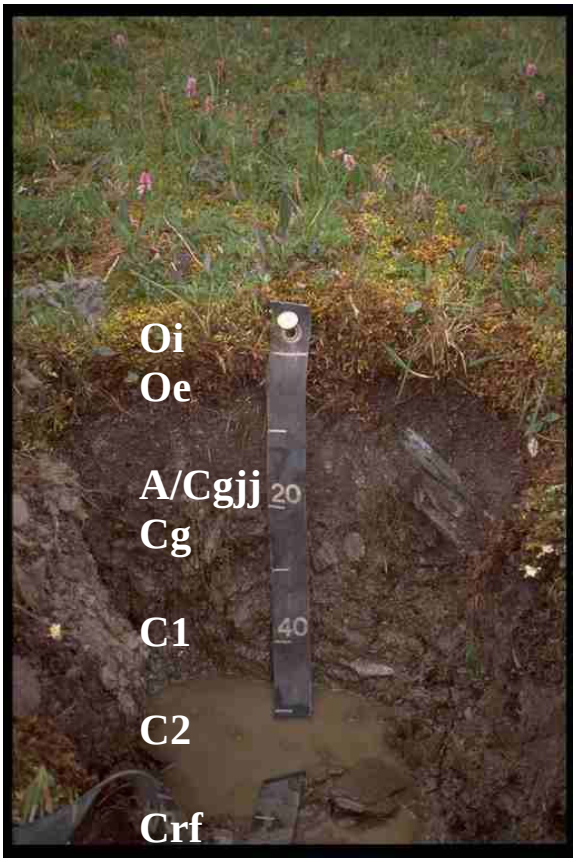
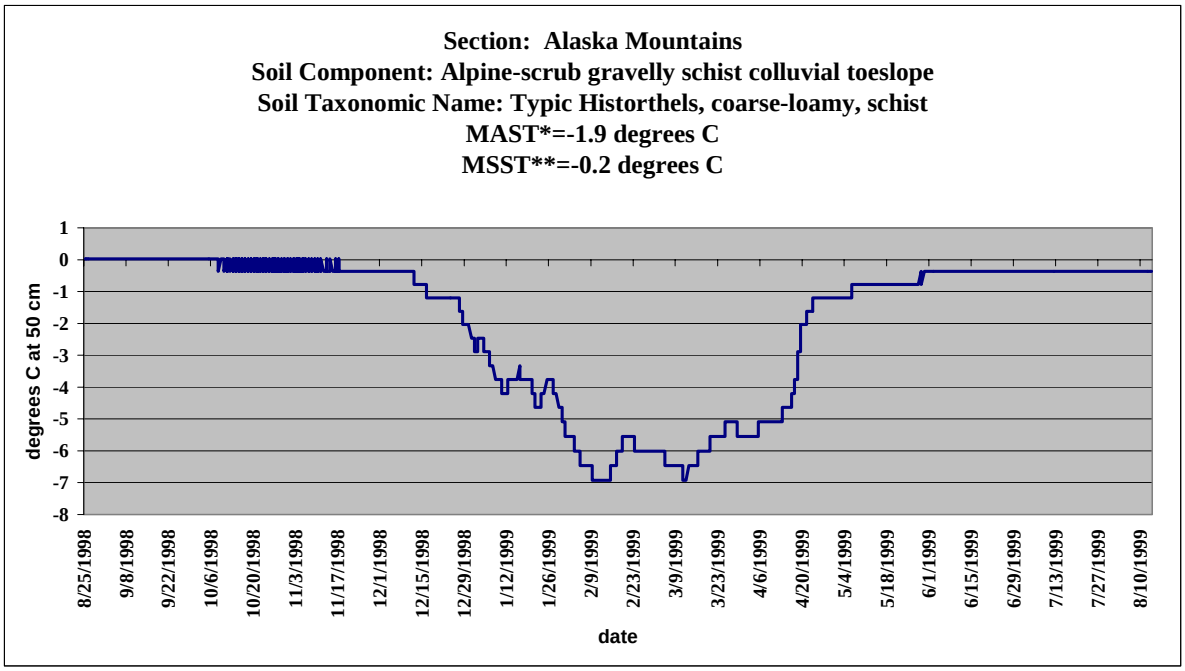
Typic Soil Profile and Temperature Graph
Thaptic Cryaquands, medial over loamy

Soil Temperature Information Unavailable

Typic Soil Profile and Temperature Graph
Typic Aquiturbels, loamy-skeletal



Soil Temperature Graph is from a Similar Soil Component



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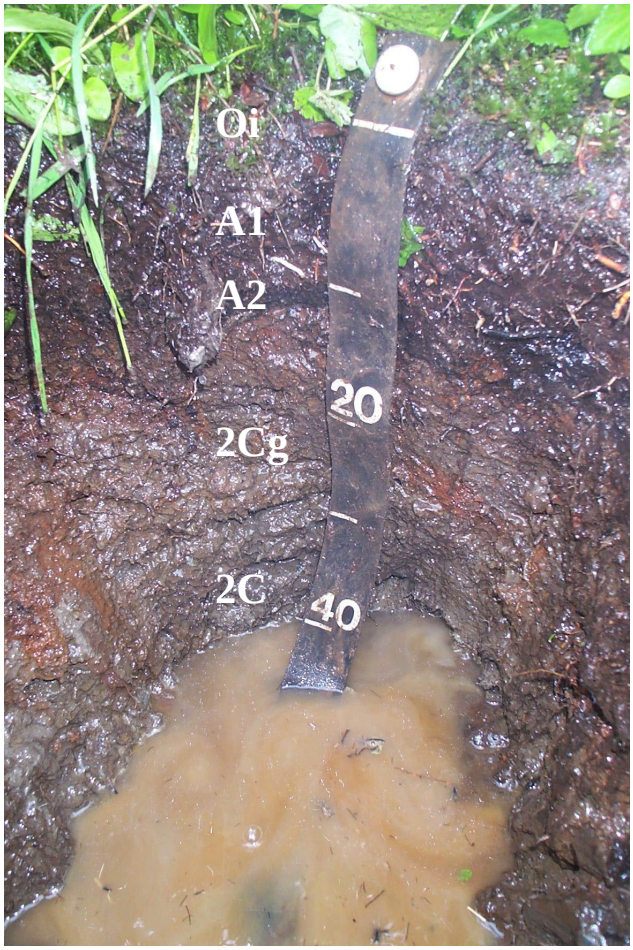
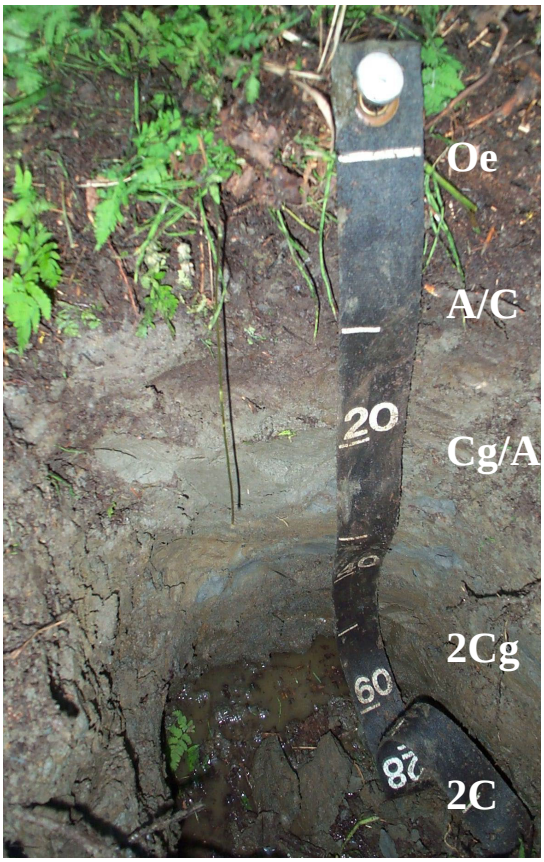
Typic Soil Profile and Temperature Graph
Typic Cryaquands, medial over loamy-skeletal

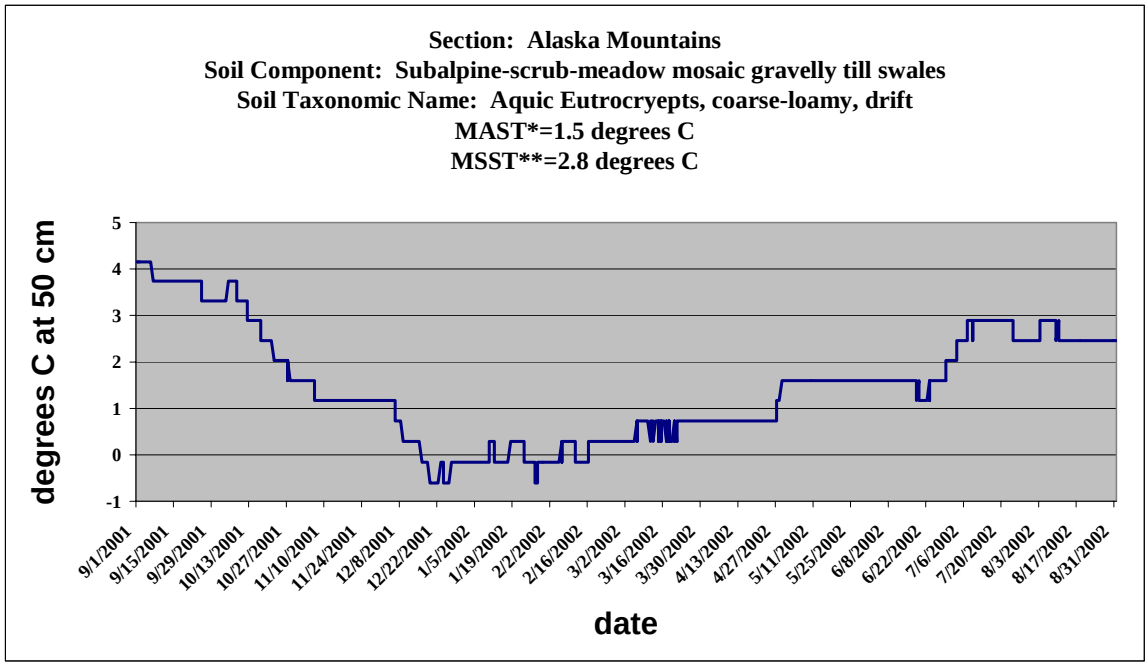


Soil Temperature Information is Unavailable

Typic Soil Profile and Temperature Graph
Typic Cryaquents, coarse-loamy over sandy-skeletal



Soil Temperature Graph is from a Similar Soil Component



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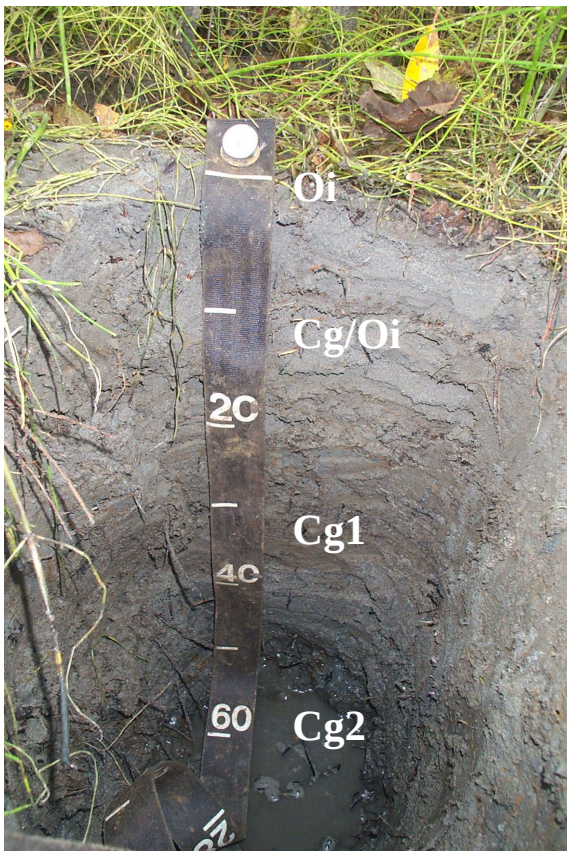
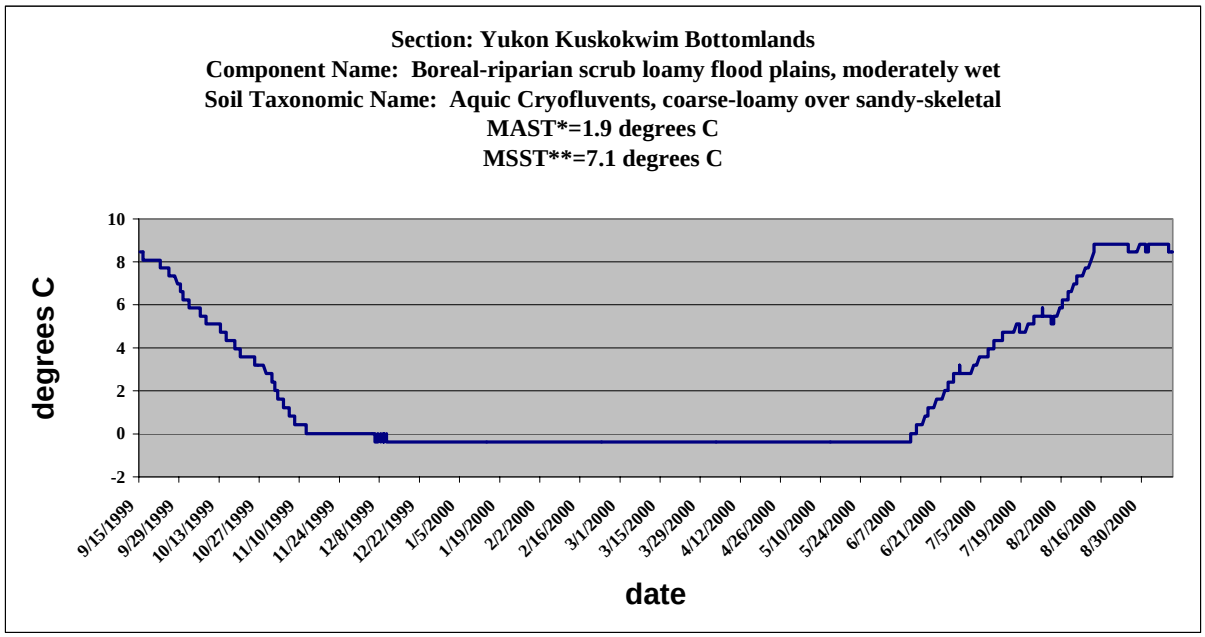
Typic Soil Profile and Temperature Graph
Typic Cryaquents, coarse-silty



Soil temperature Graph is from a similar soil component



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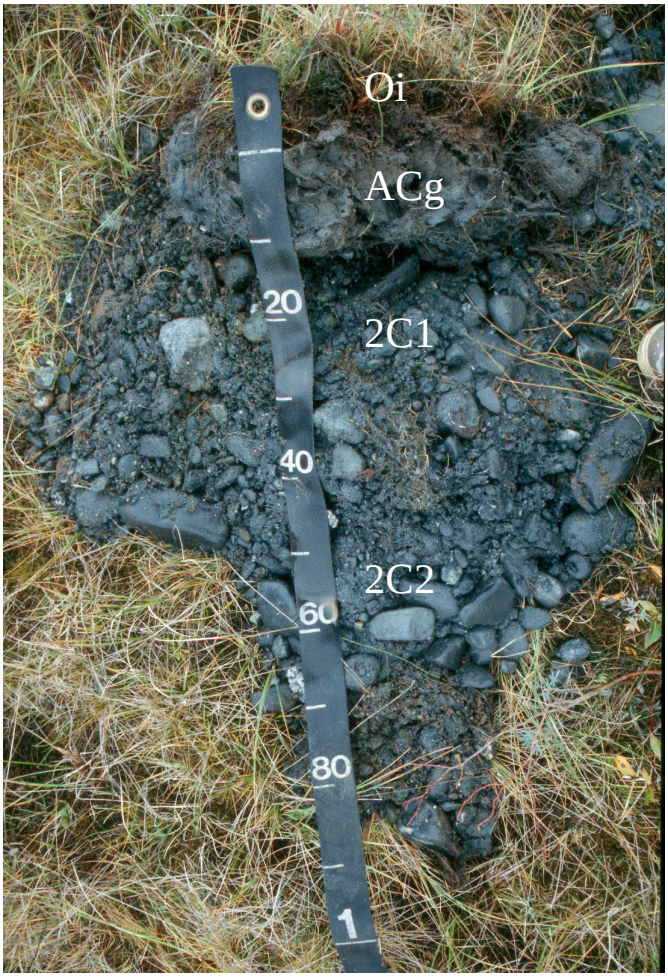
Typic Soil Profile and Temperature Graph
Typic Cryaquents, sandy-skeletal

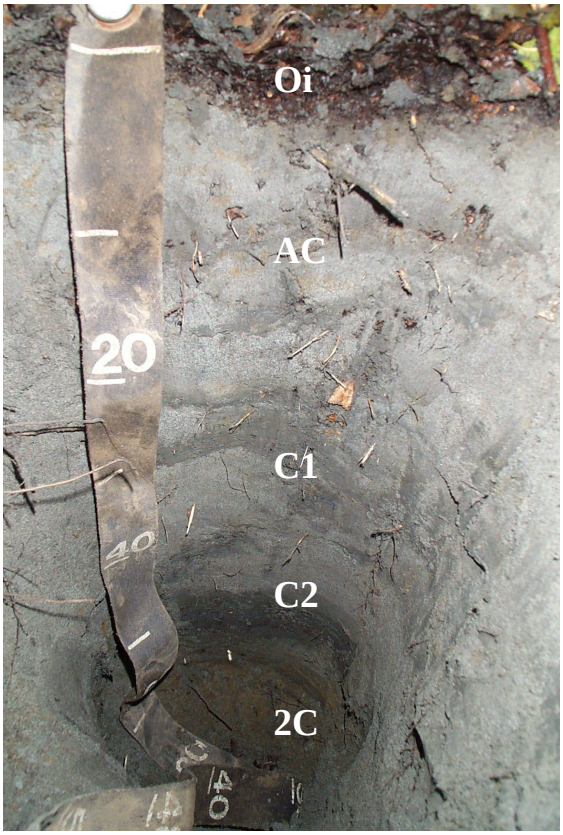


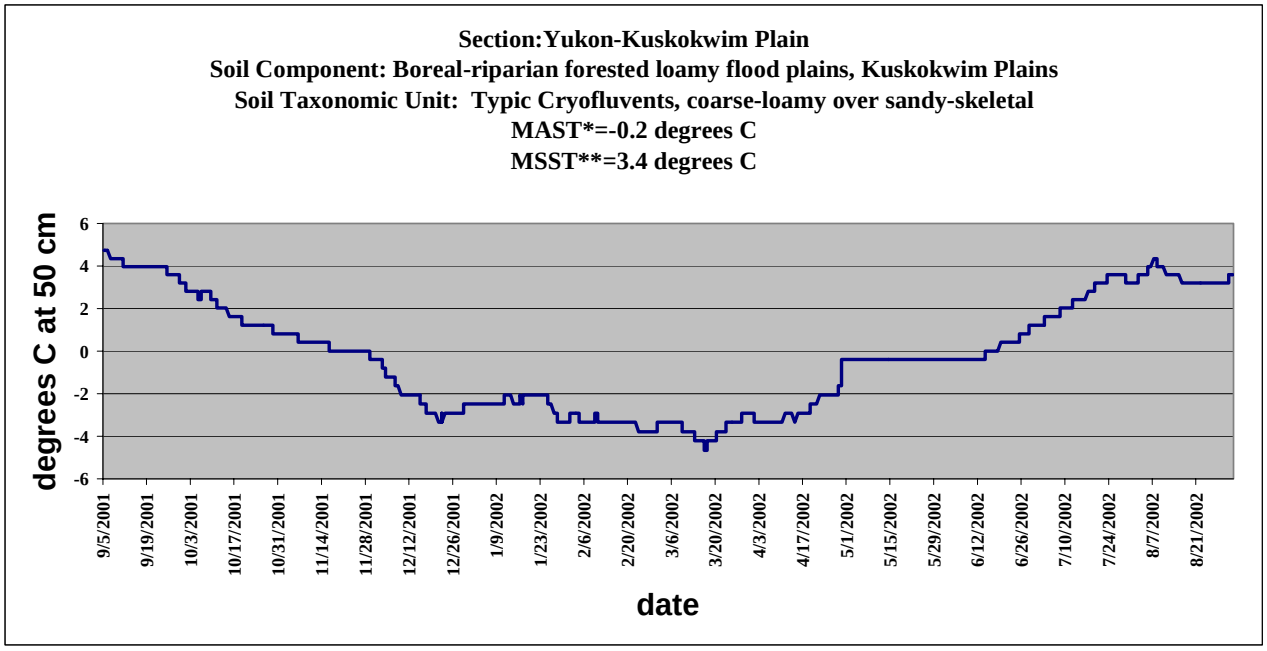
Soil Temperature Information is Unavailable

Typic Soil Profile and Temperature Graph
Typic Cryofibrists, dysic

Soil Temperature Information is Unavailable

Typic Soil Profile and Temperature Graph
Typic Cryofluvents, coarse-loamy over sandy skeletal





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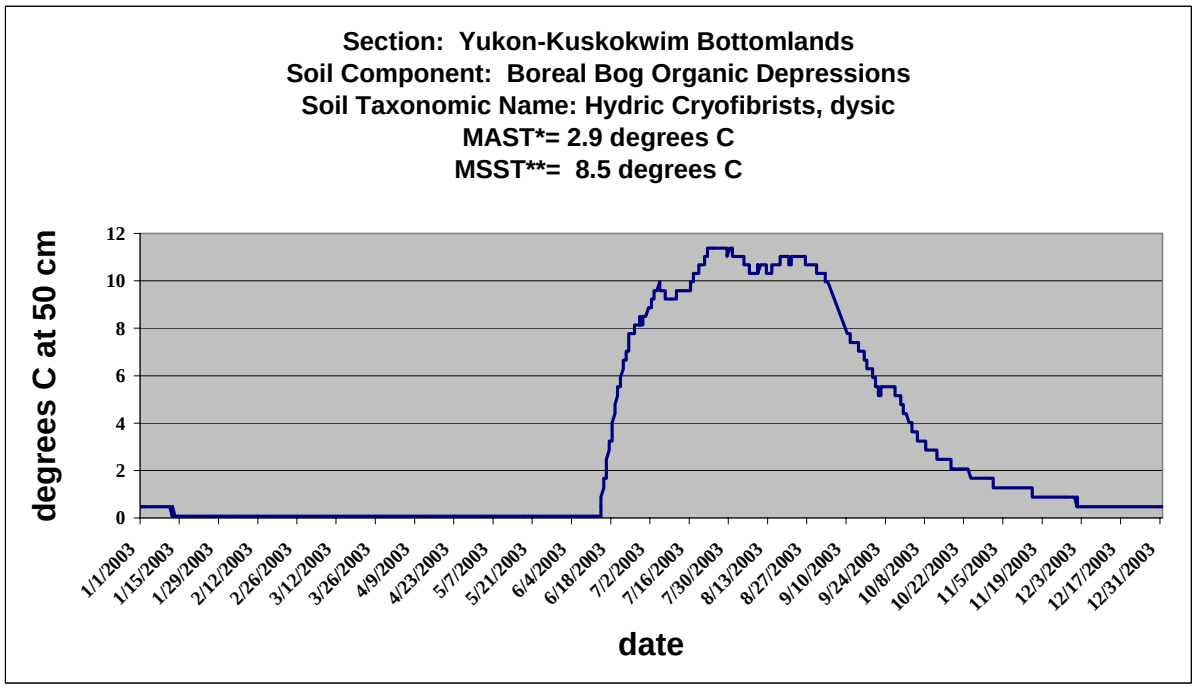
Typic Soil Profile and Temperature Graph
Typic Cryohemists, euic

Soil Temperature Graph is from a Similar Component



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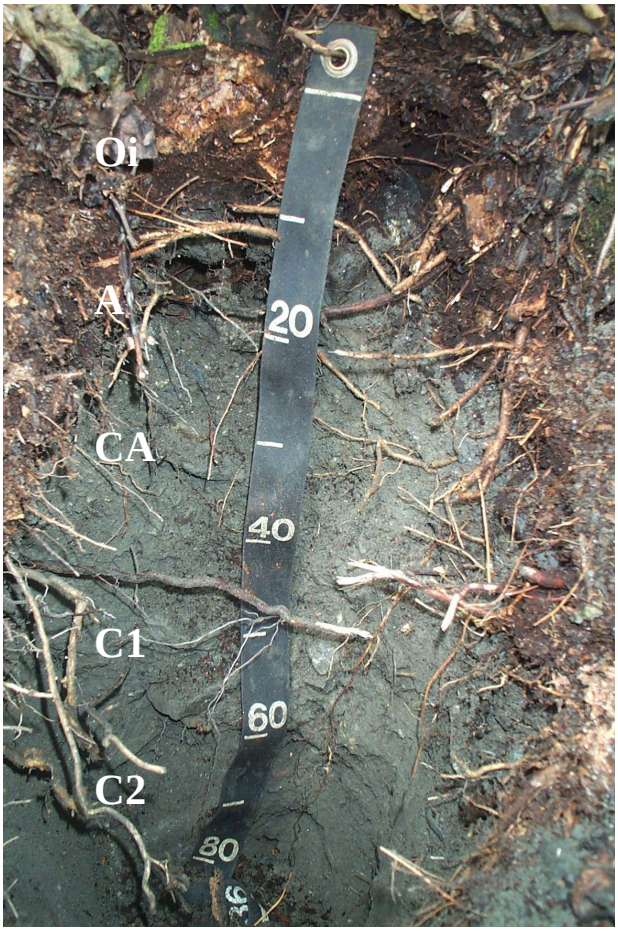
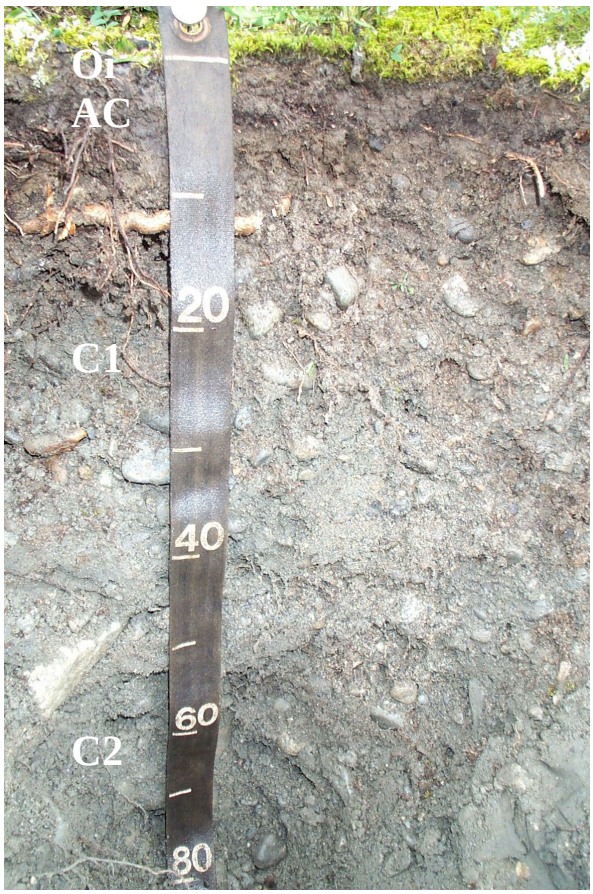
Typic Soil Profile and Temperature Graph
Typic Cryorthents, loamy-skeletal



Soil Temperature Information is Unavailable

Typic Soil Profile and Temperature Graph
Typic Cryorthents, sandy-skeletal



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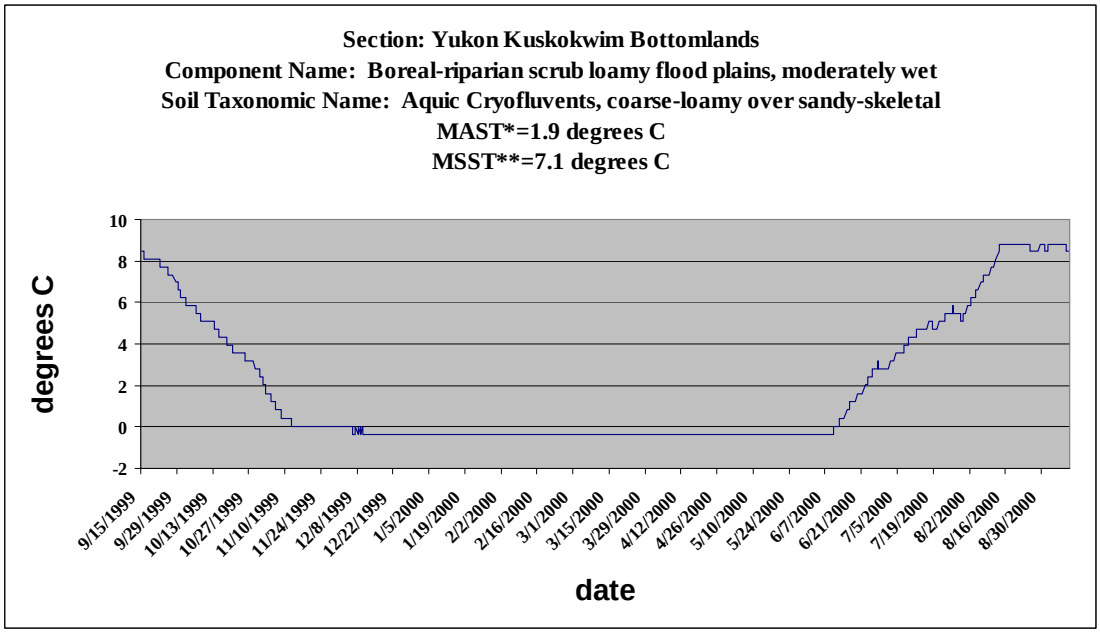

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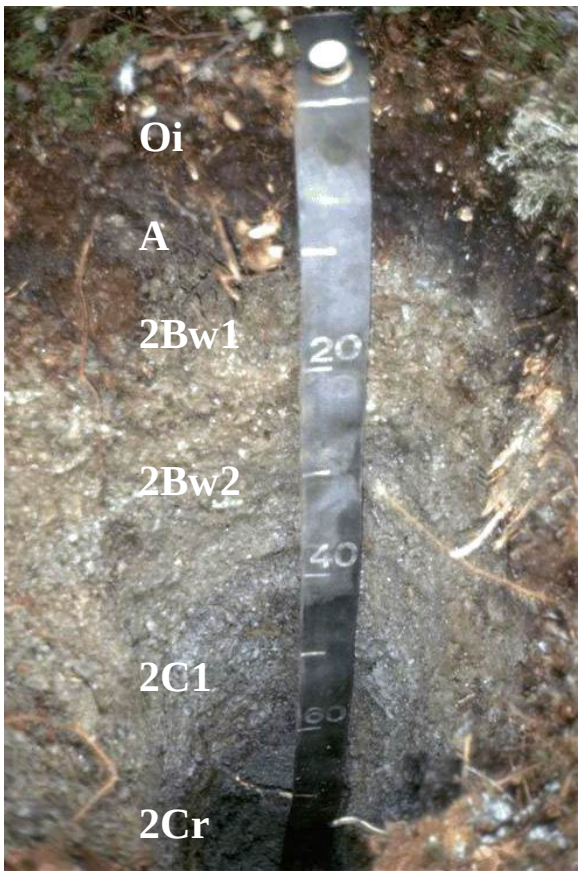
Typic Soil Profile and Temperature Graph
Typic Dystrocryepts, loamy-skeletal



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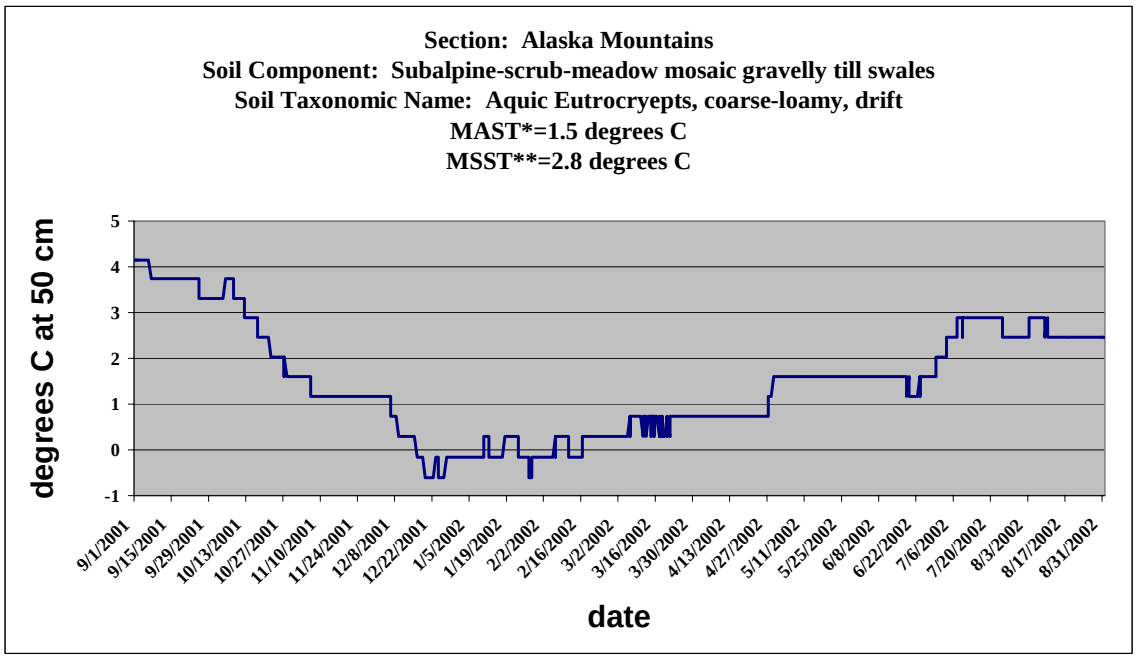

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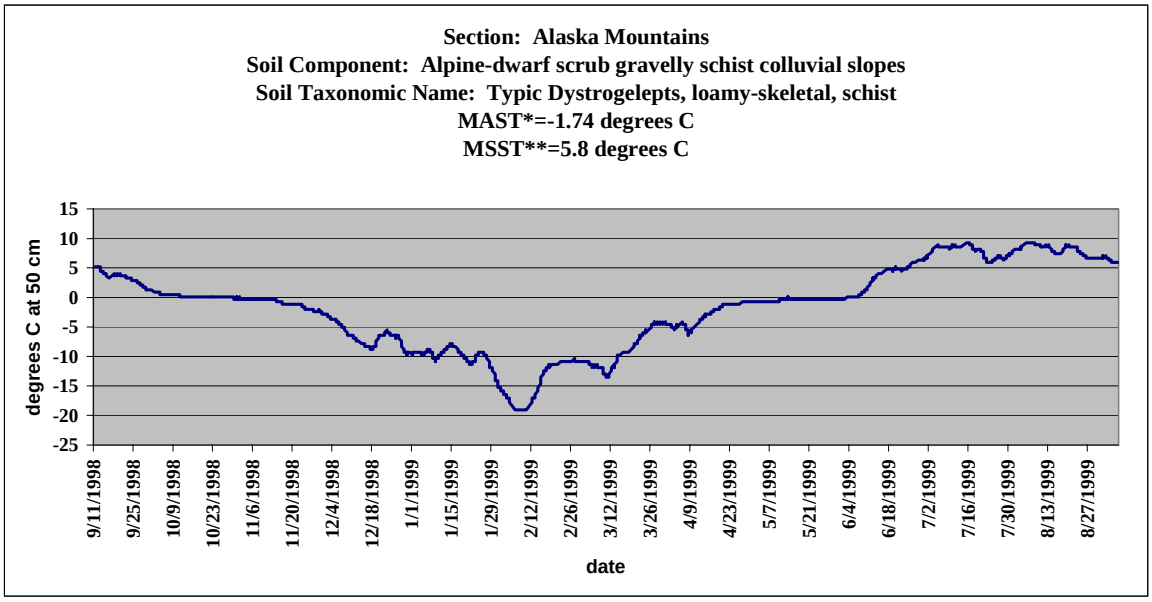
Typic Soil Profile and Temperature Graph
Typic Dystrogelepts, loamy-skeletal



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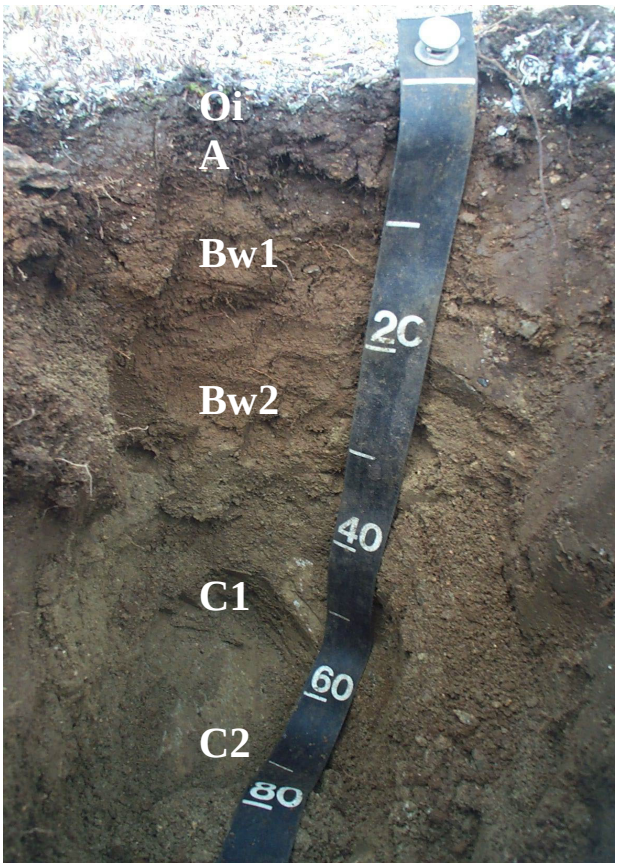
Typic Dystrogelepts, sandy-skeletal



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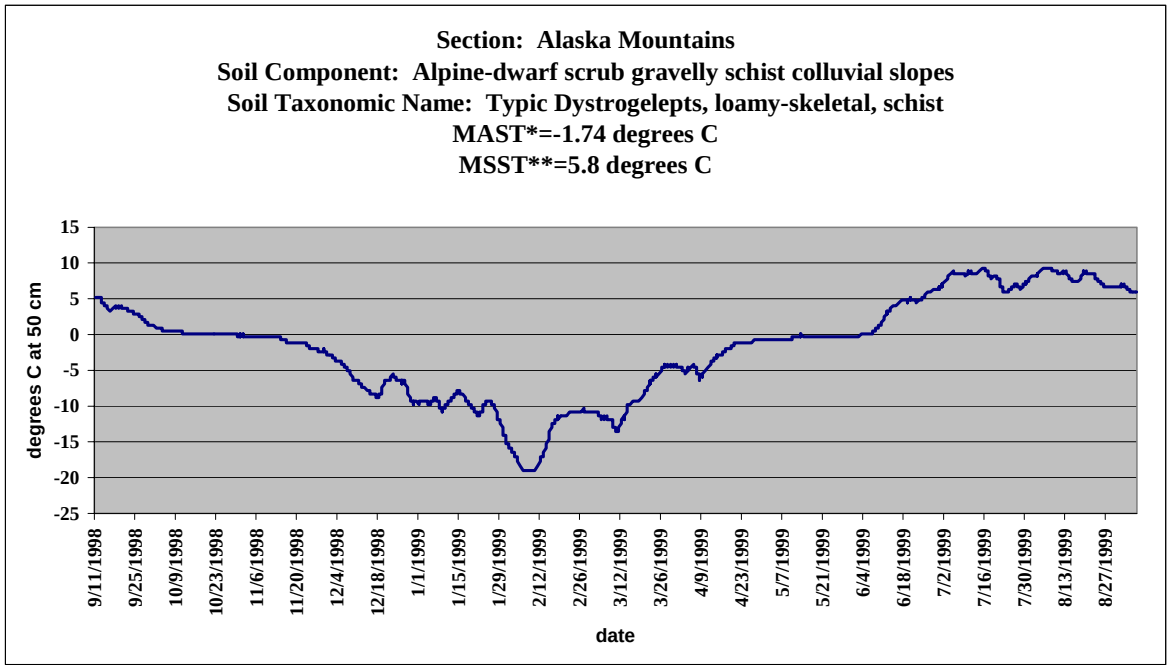

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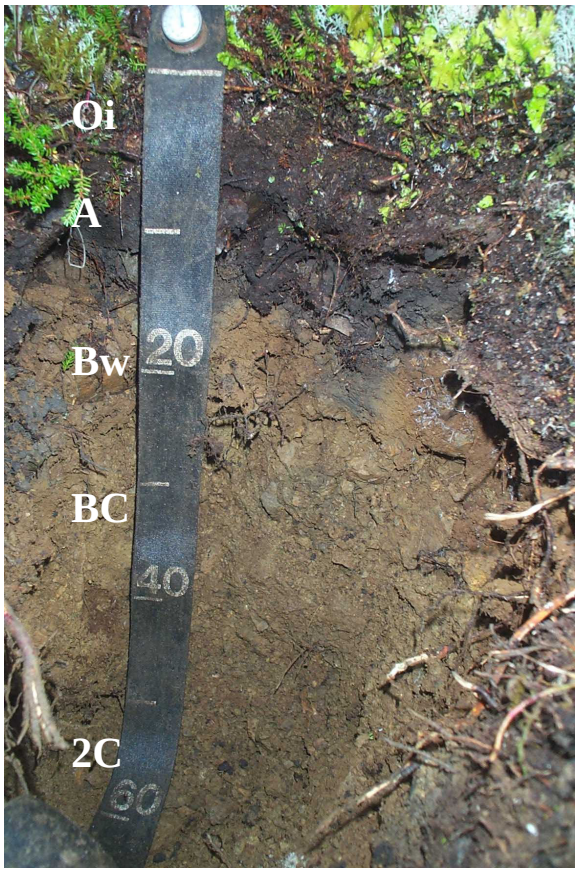
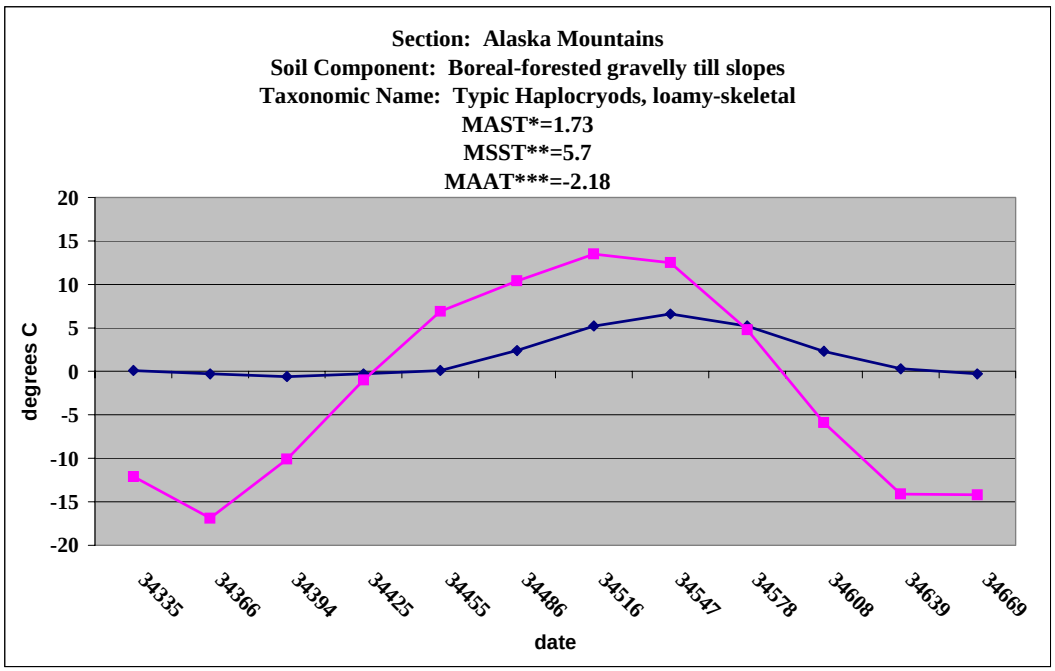
Typic Soil Profile and Temperature Graph
Typic Eutrocryepts, coarse-loamy



Soil Temperature Graph is from a Similar Component



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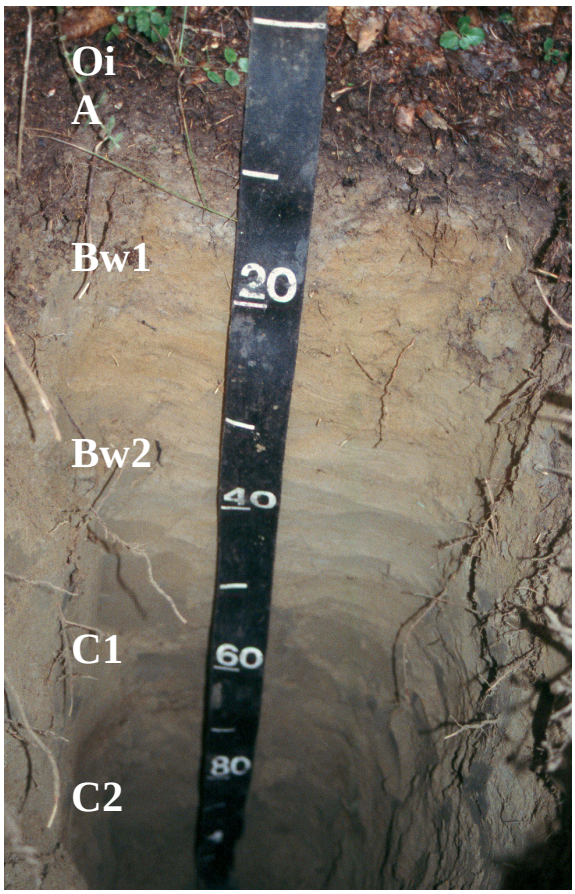
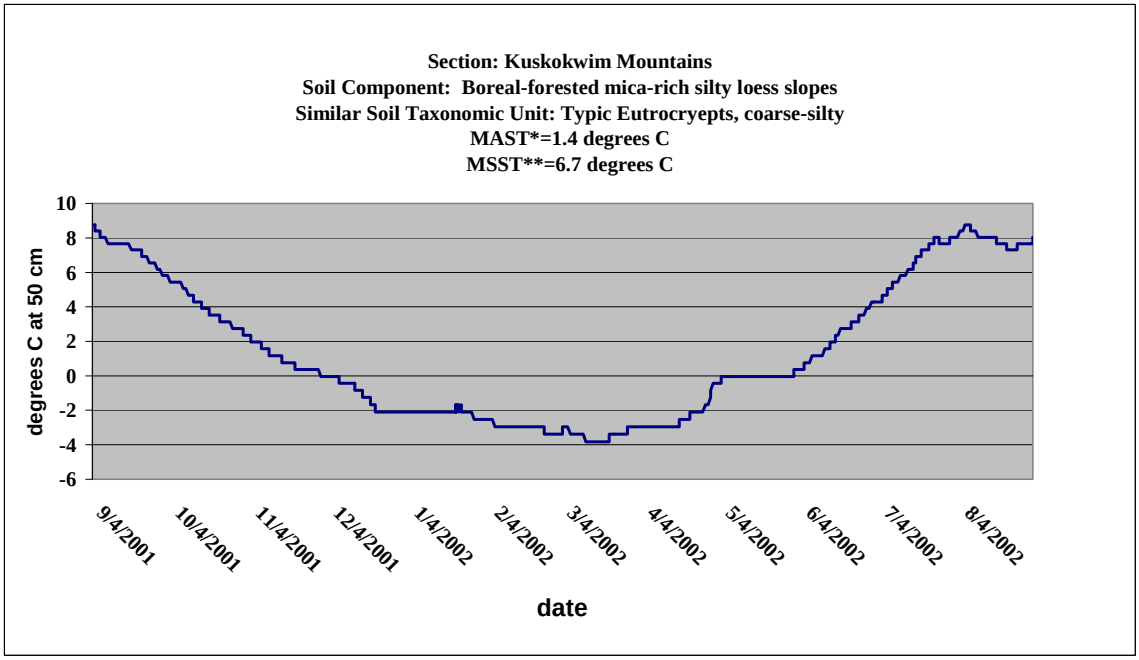
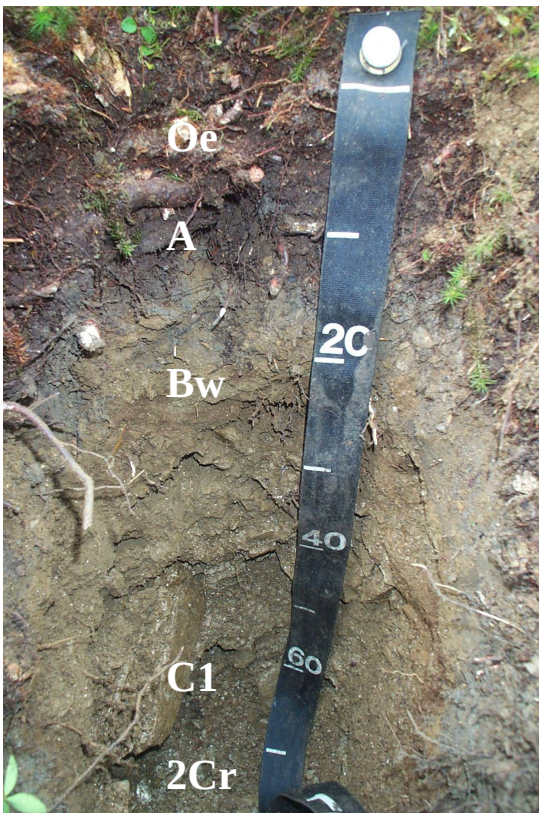
Typic Soil Profile and Temperature Graph
Typic Eutrocryepts, coarse-silty



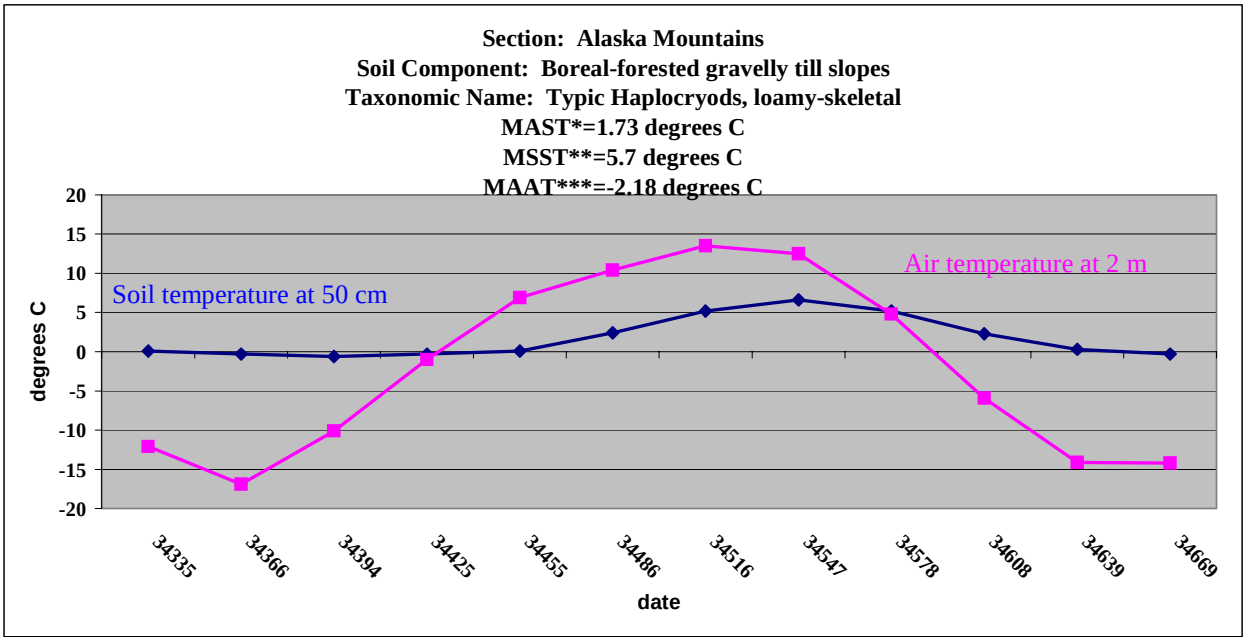


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Typic Eutrocryepts, loamy-skeletal

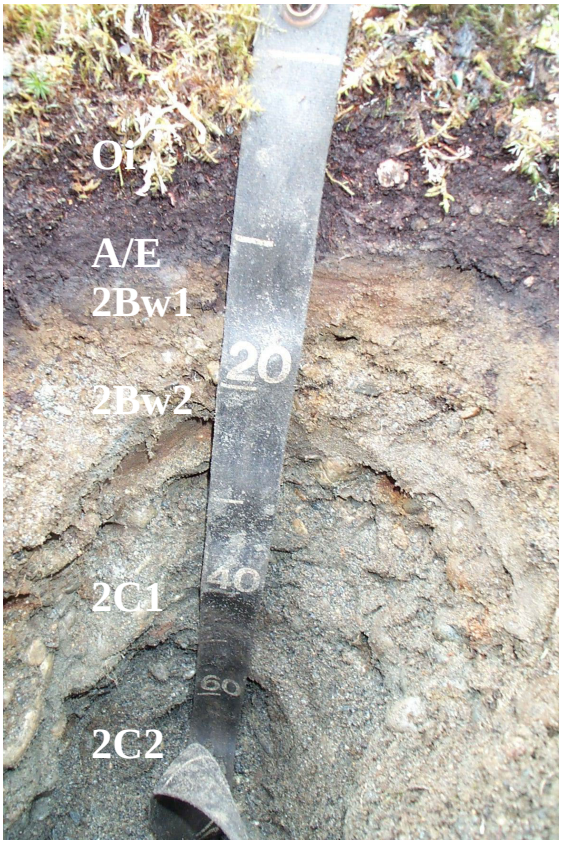


Soil Temperature Graph is from a Similar Soil Component

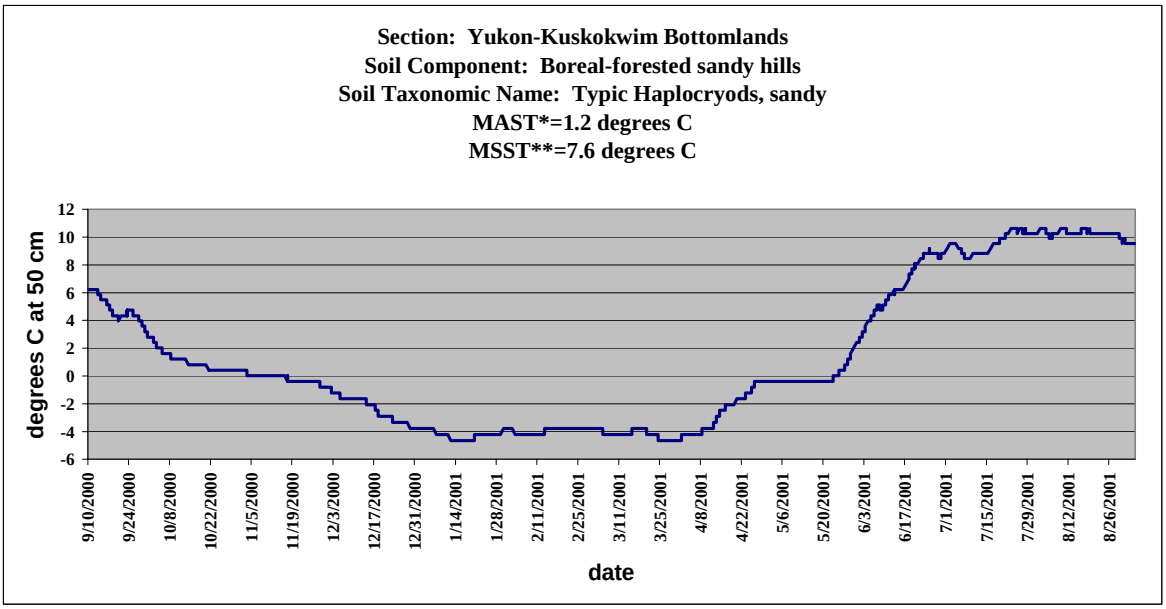


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm
***MAAT-Mean Annual Air Temperature at 2 m

Typic Soil Profile and Temperature Graph
Typic Eutrocryepts, sandy-skeletal

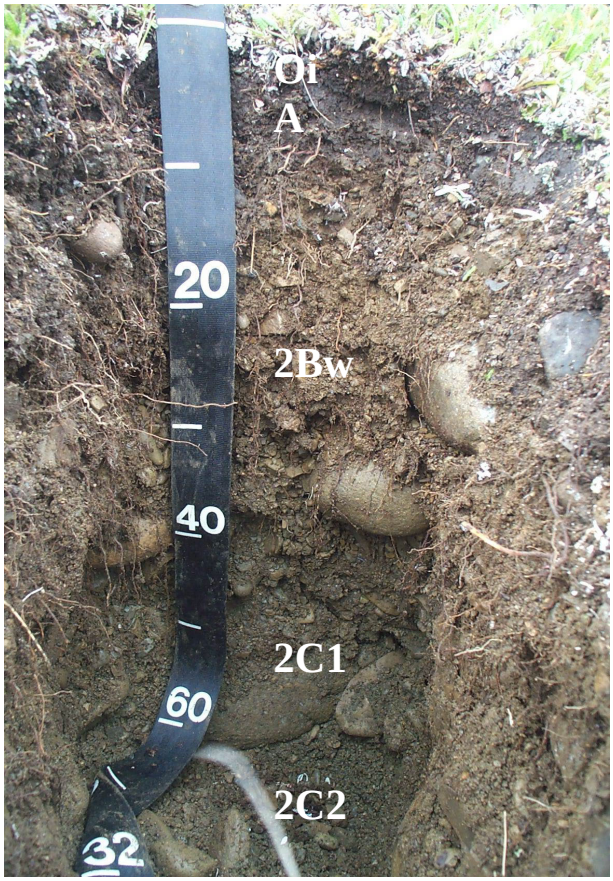


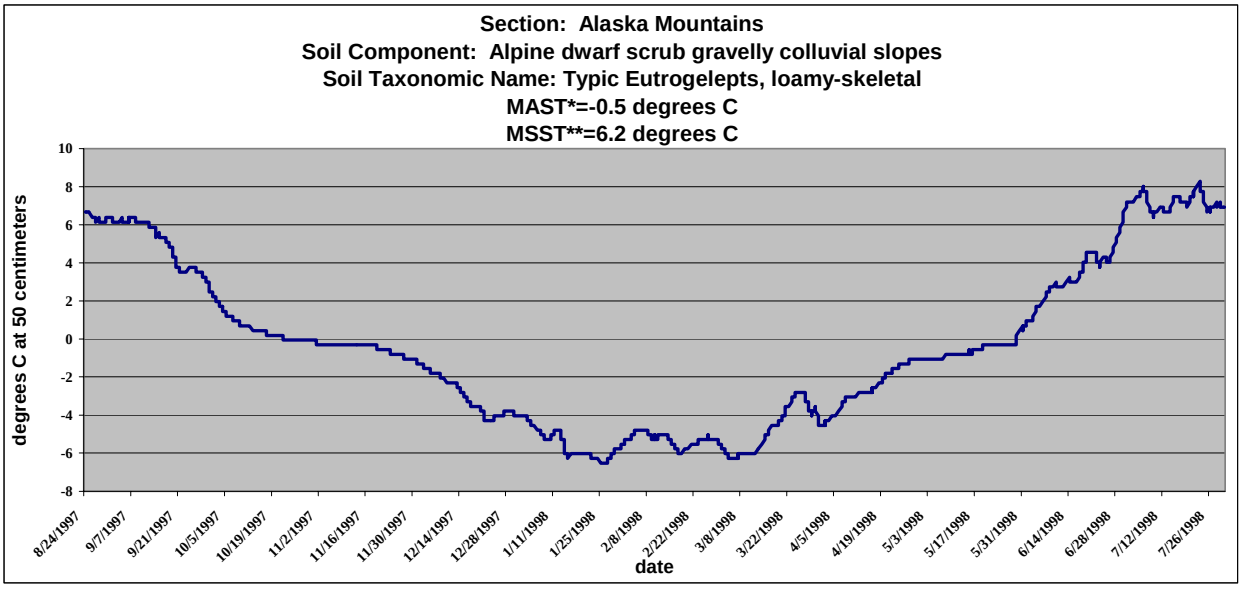
Soil Temperature Graph is from a Similar Soil Component



*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

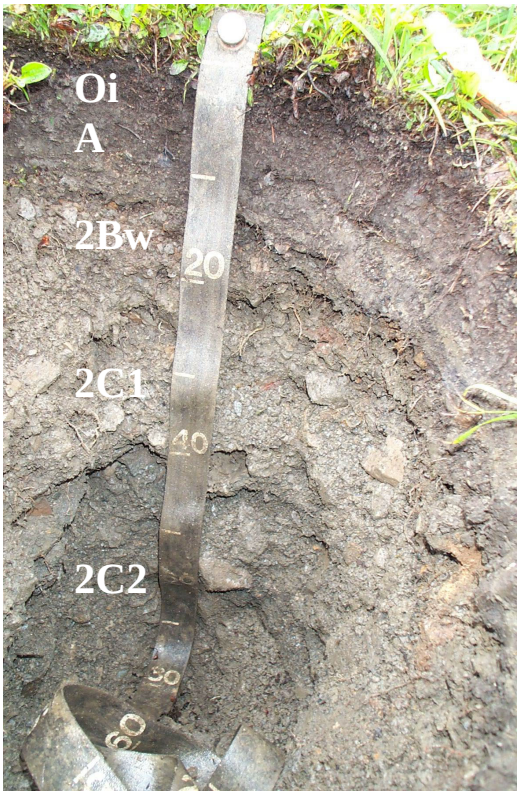
Typic Soil Profile and Temperature Graph
Typic Eutrogelepts, loamy-skeletal



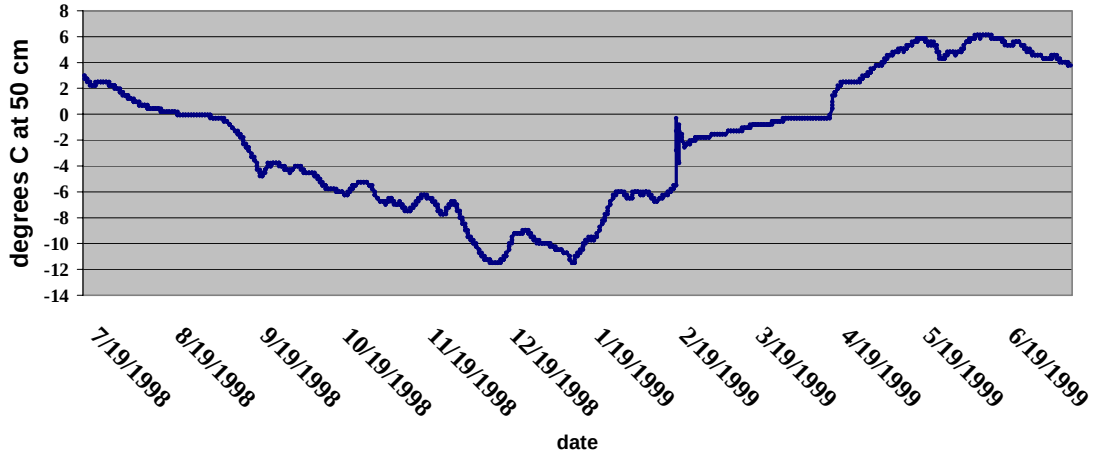


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Typic Eutrogelepts, sandy-skeletal

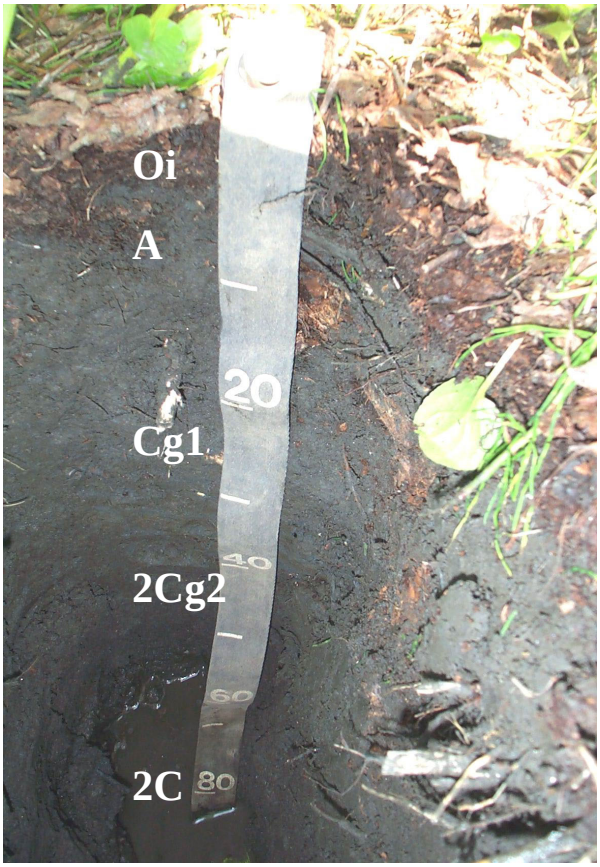


Section: Alaska Mountains
Soil Component: Alpine-dwarf scrub gravelly fan terraces, cold
Taxonomic Name: Typic Eutrogelepts, sandy-skeletal
MAAT*=-2.1 degrees C
MSST=2.5 degrees C**

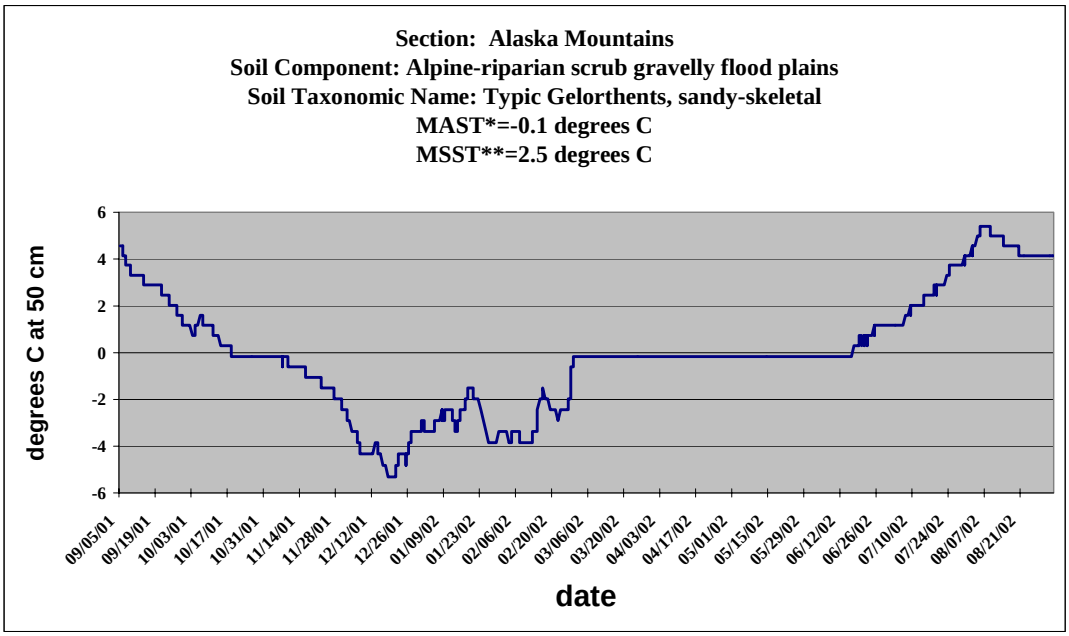


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Typic Gelaquents, coarse-loamy over sandy-skeletal

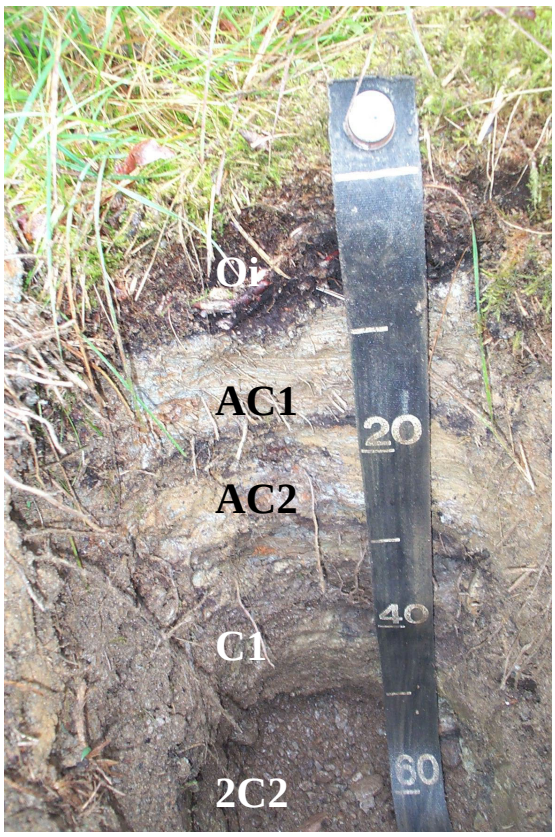


Soil Temperature Graph is from a Similar Soil Component

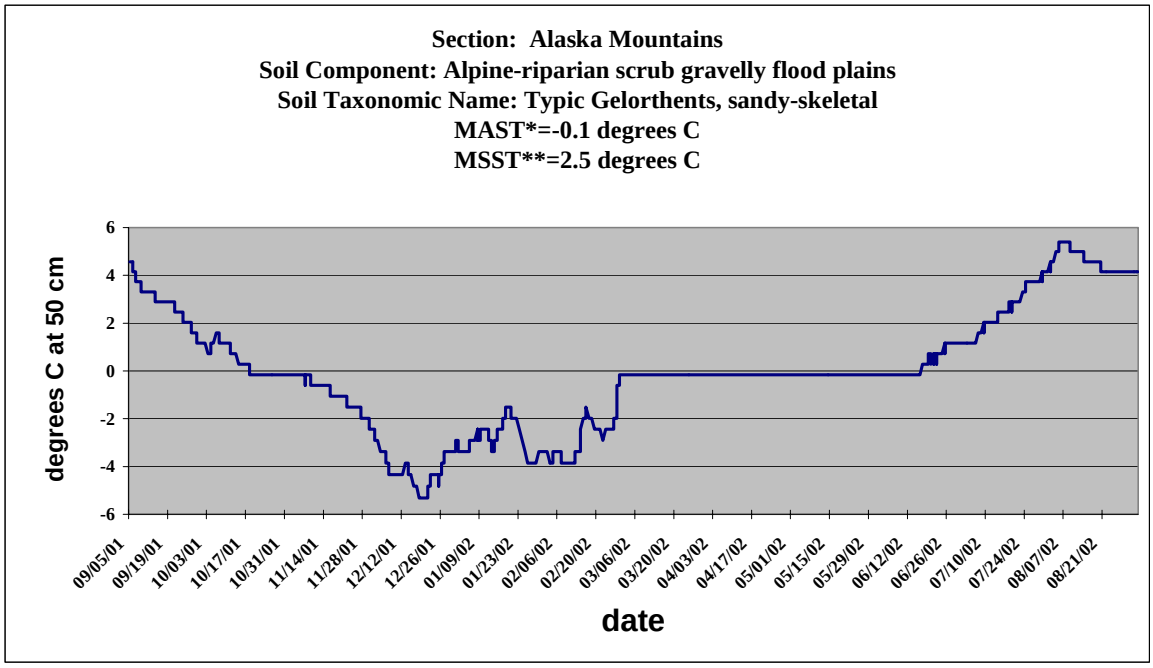


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Typic Gelifluvents, coarse-loamy over sandy-skeletal

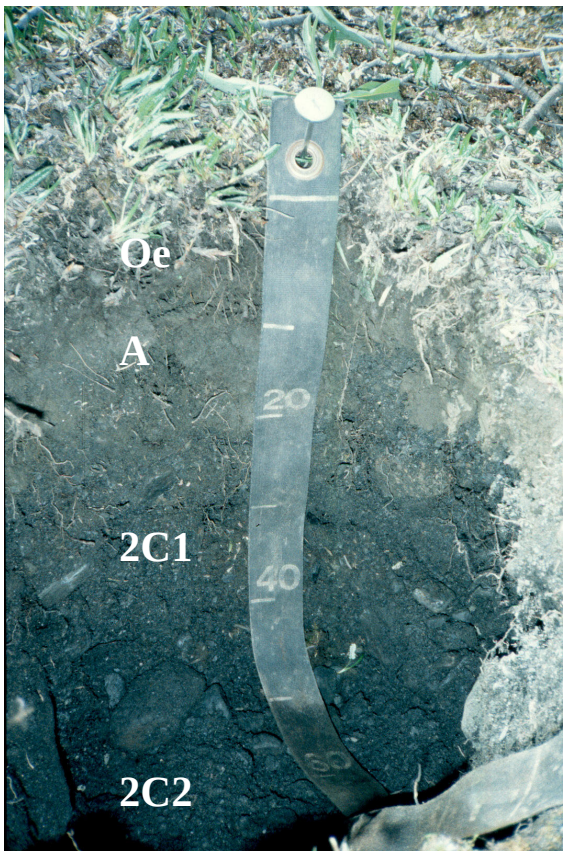


Soil Temperature Graph is from a Similar Soil Component

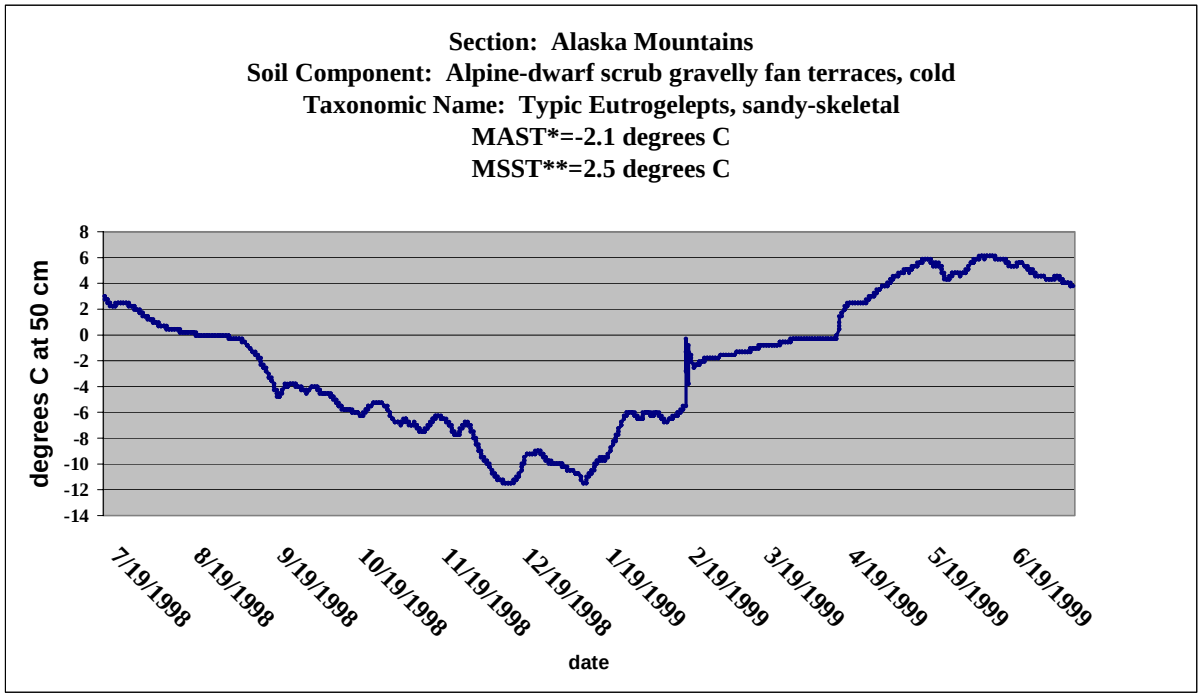


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Typic Gelorthents, loamy-skeletal

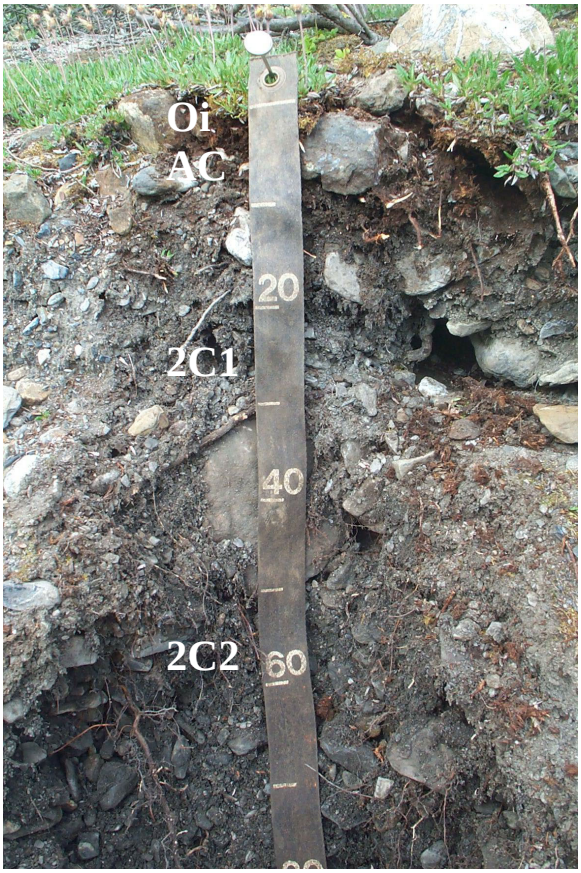


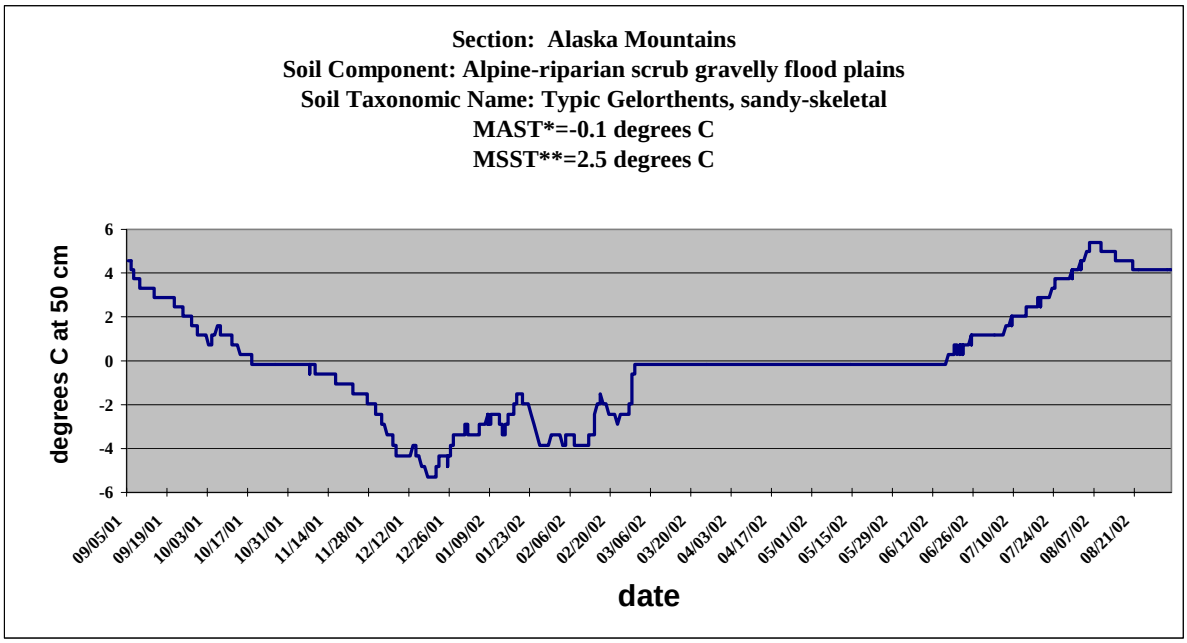
Soil Temperature Graph is from a Similar Soil Component



*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

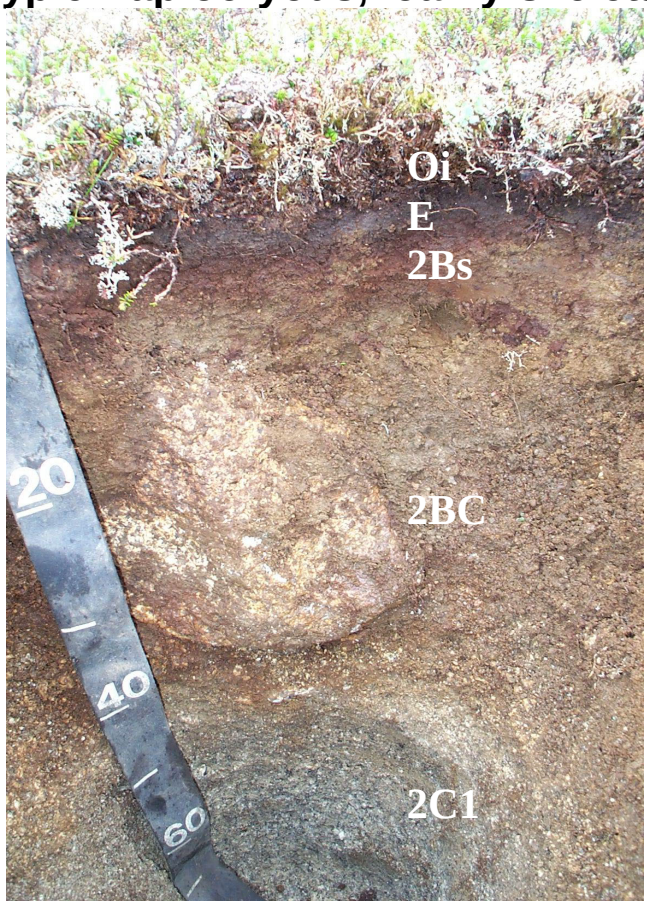
Typic Soil Profile and Temperature Graph
Typic Gelorthents, sandy-skeletal

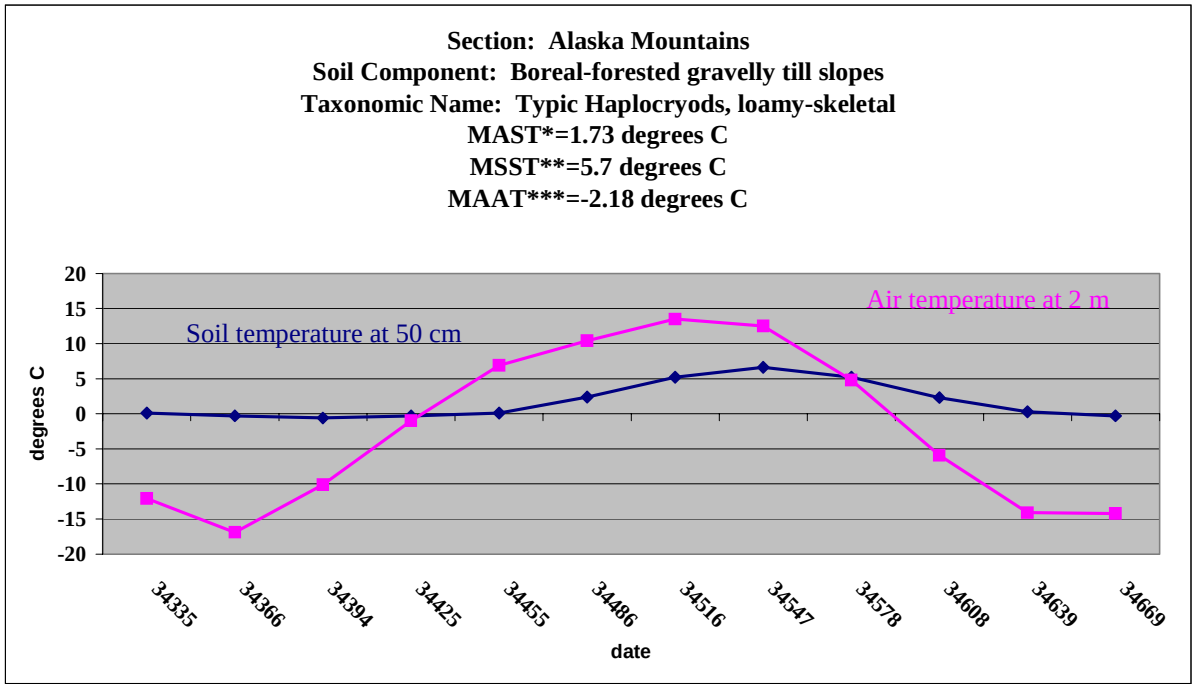




*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

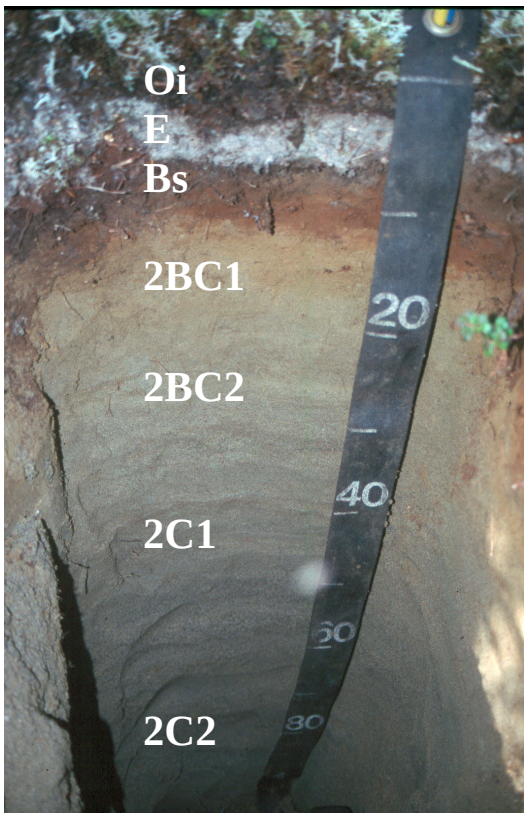
Typic Soil Profile and Temperature Graph
Typic Haplocryods, loamy-skeletal

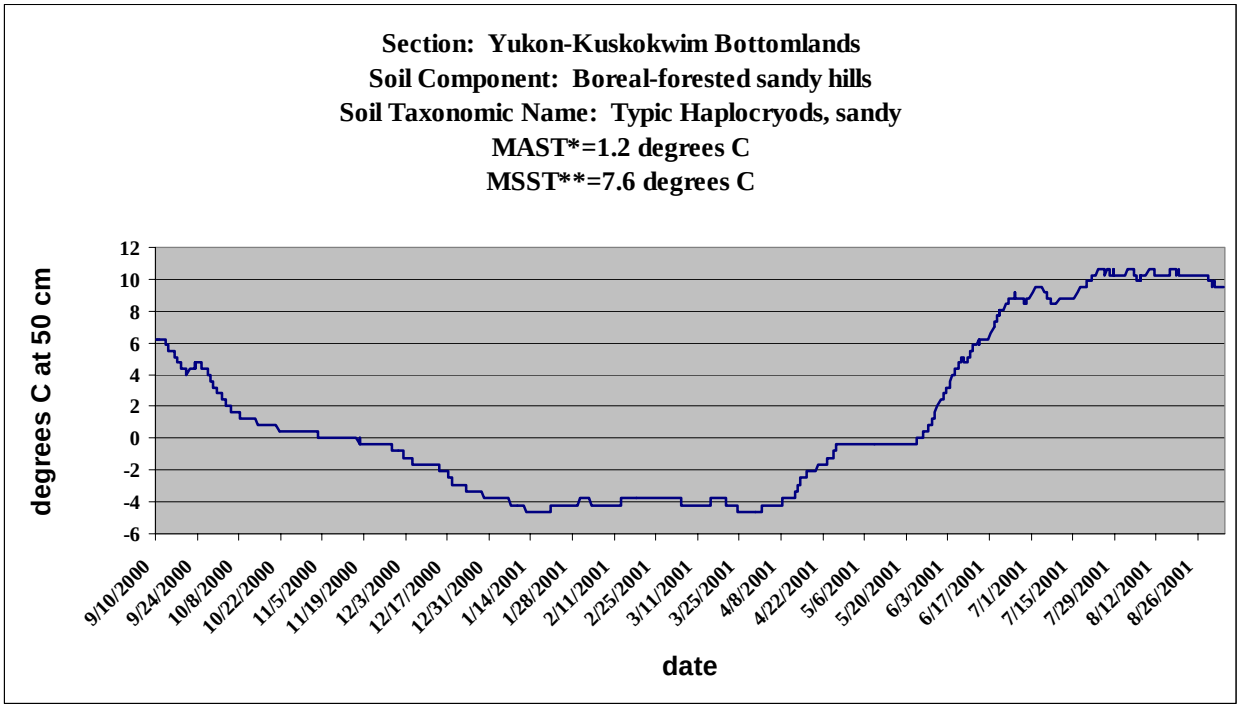




*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm
***MAAT-Mean Annual Air Temperature at 2 m

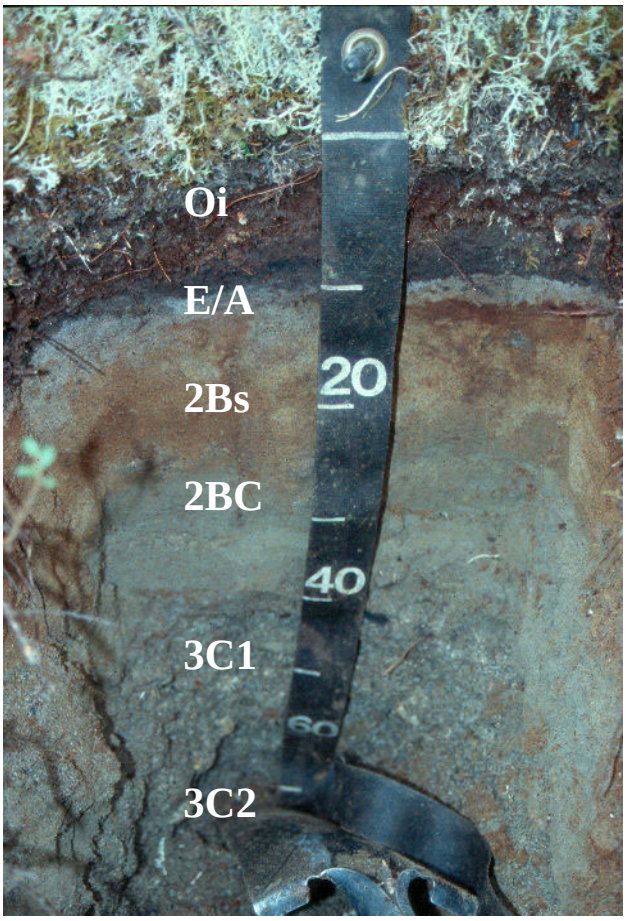
Typic Soil Profile and Temperature Graph
Typic Haplocryods, sandy



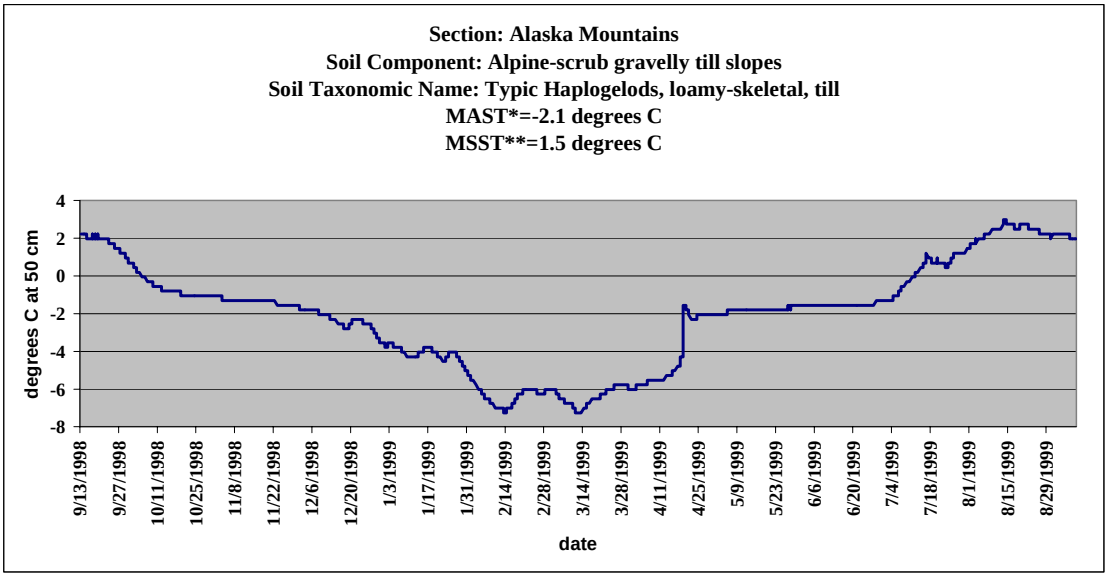


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Typic Haplogelods, coarse-loamy over sandy-skeletal

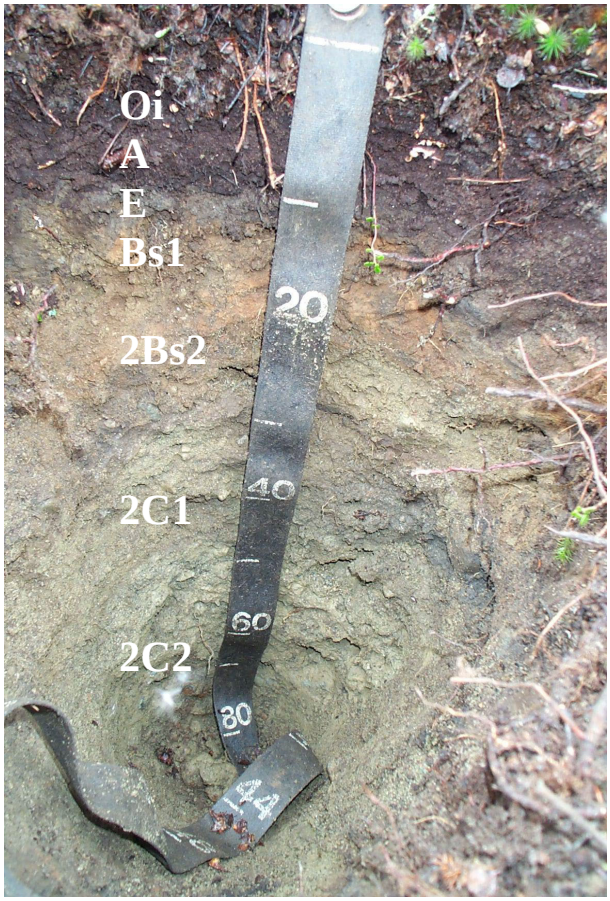


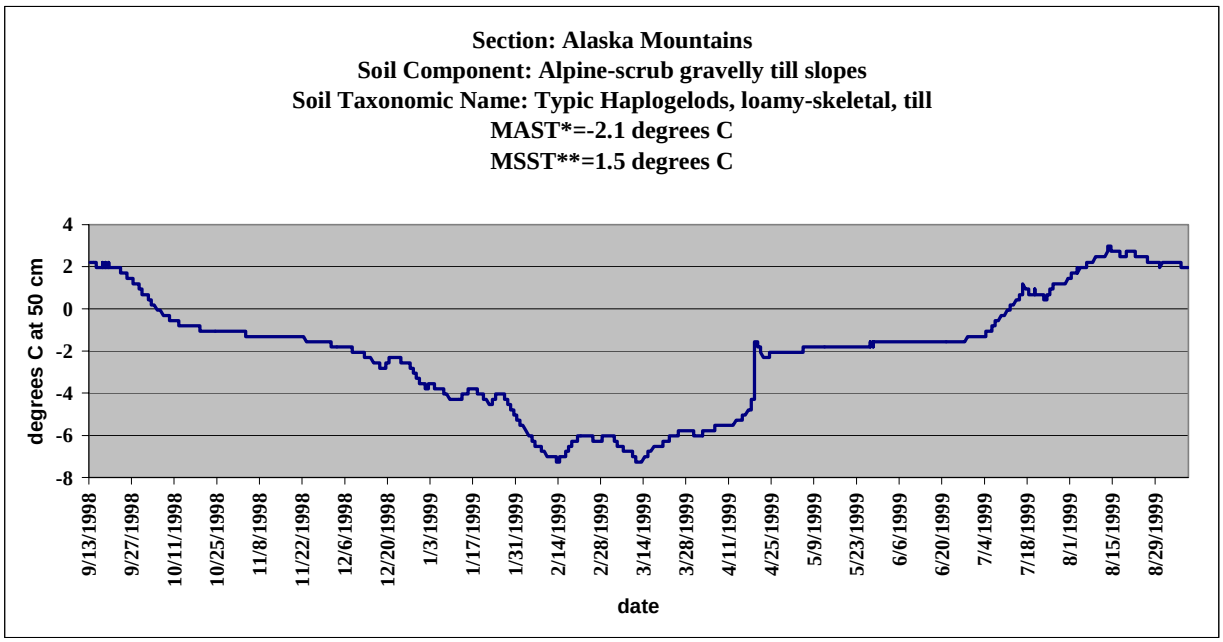
Soil Temperature Graph is from a Similar Soil Component



*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Typic Haplogelods, loamy-skeletal

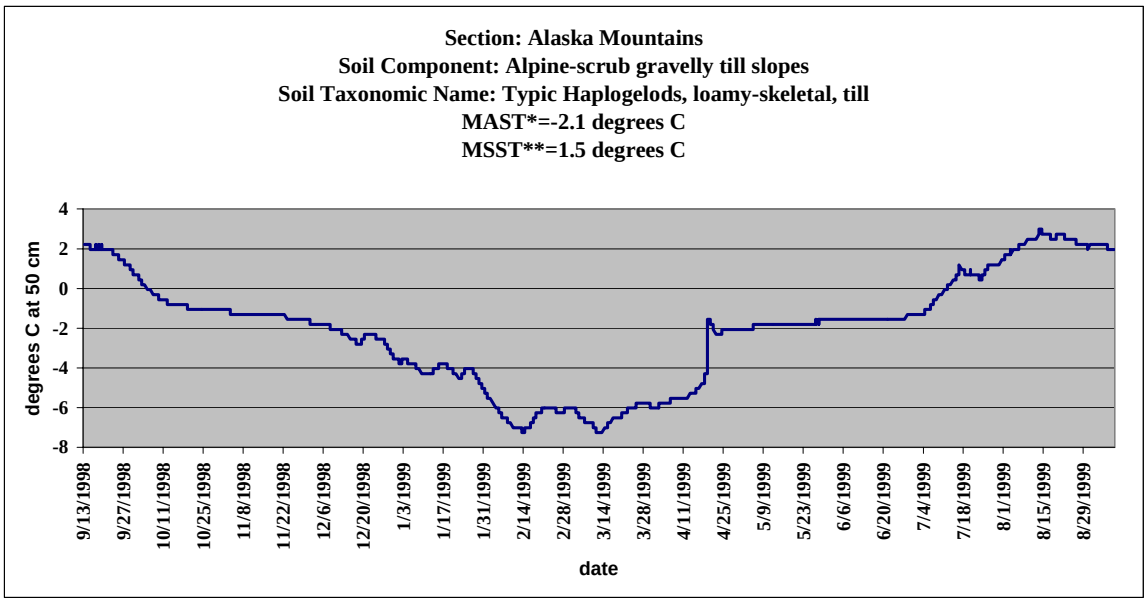




*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

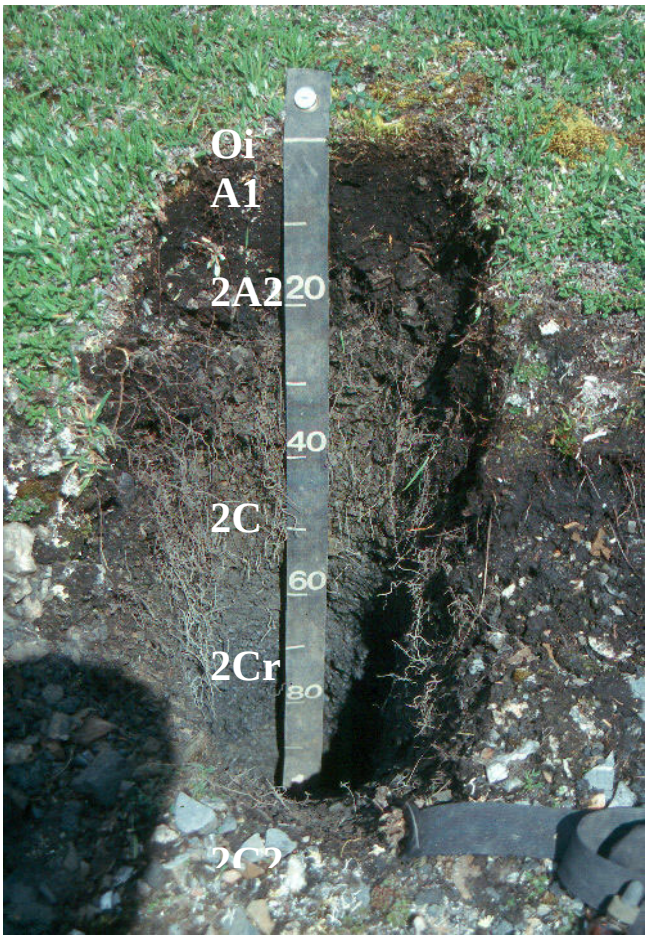
Typic Soil Profile and Temperature Graph
Typic Haplogelods, sandy-skeletal

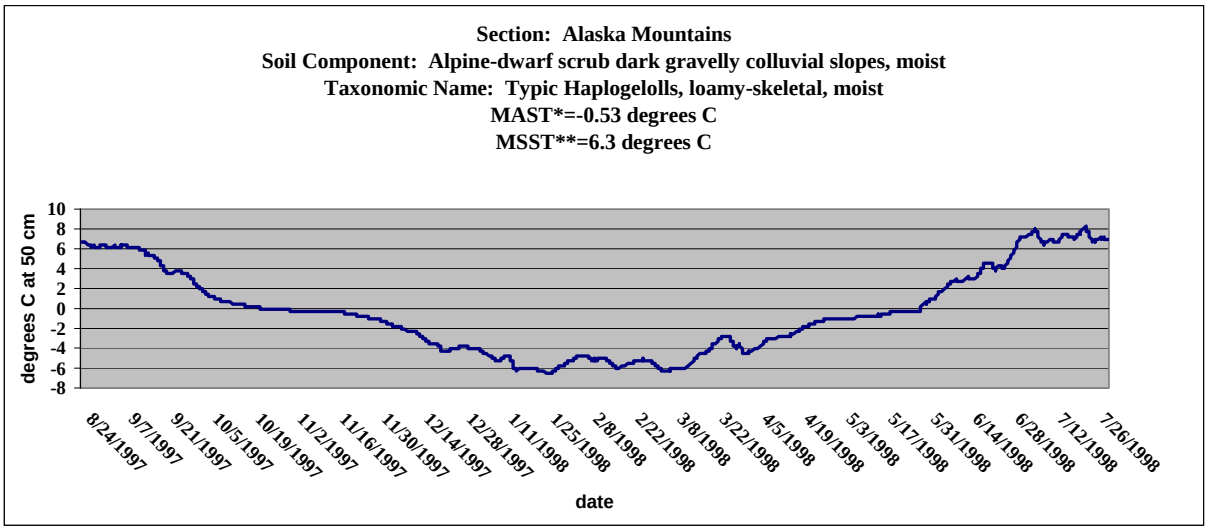
Soil Temperature Graph is from a Similar Soil Component



*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

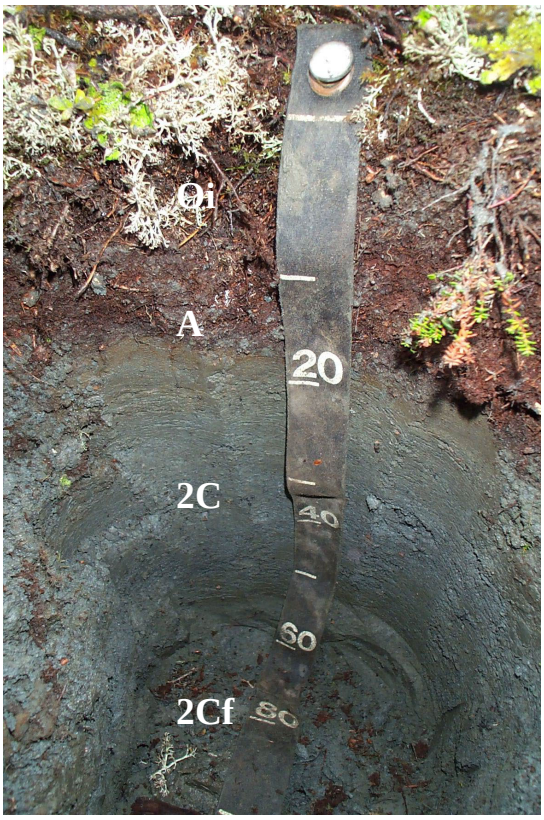
Typic Soil Profile and Temperature Graph
Typic Haplogelolls, loamy-skeletal

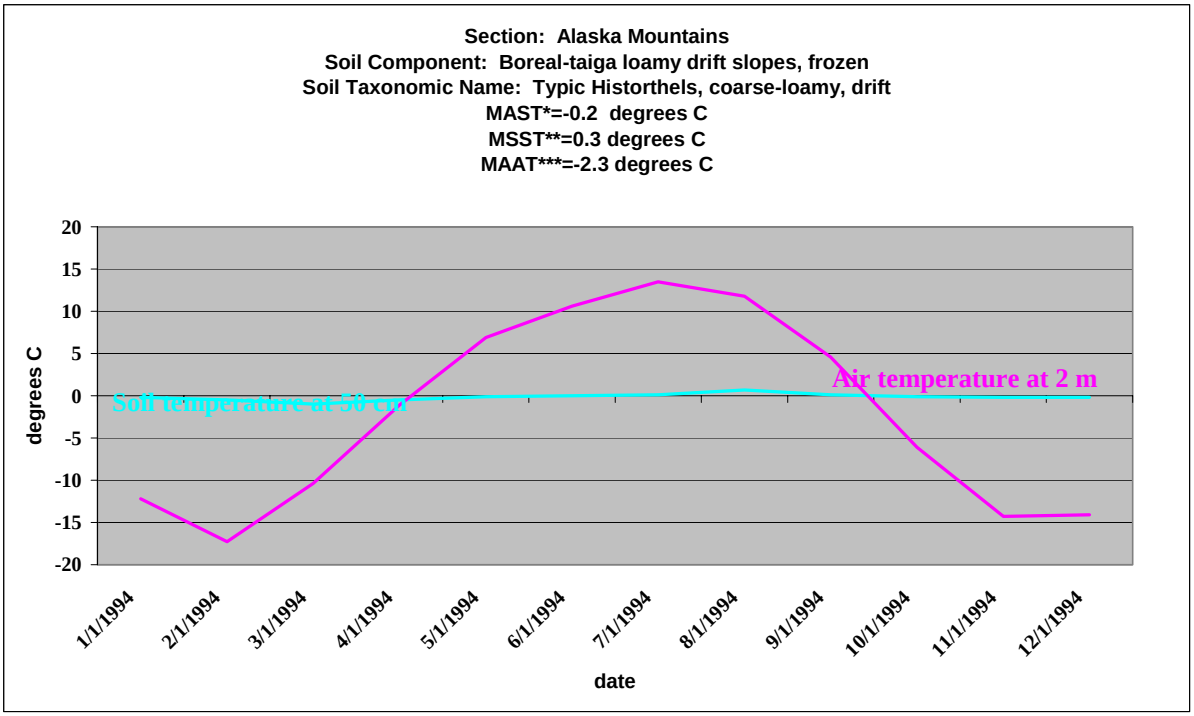




*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

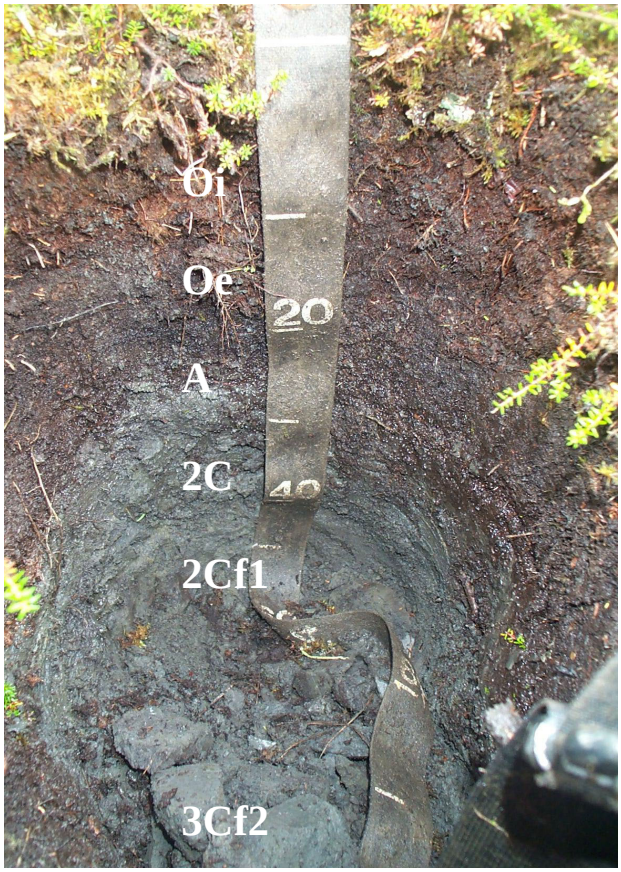
Typic Soil Profile and Temperature Graph
Typic Historthels, coarse-loamy



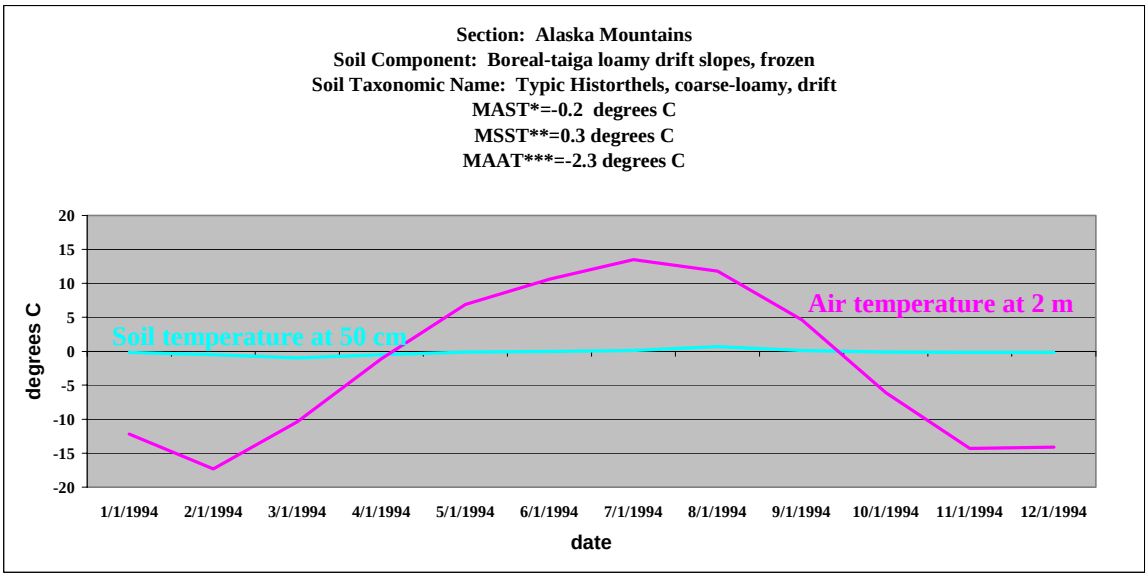


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm
***MAAT-Mean Annual Air Temperature at 2 m

Typic Soil Profile and Temperature Graph
Typic Historthels, coarse-loamy over sandy-skeletal

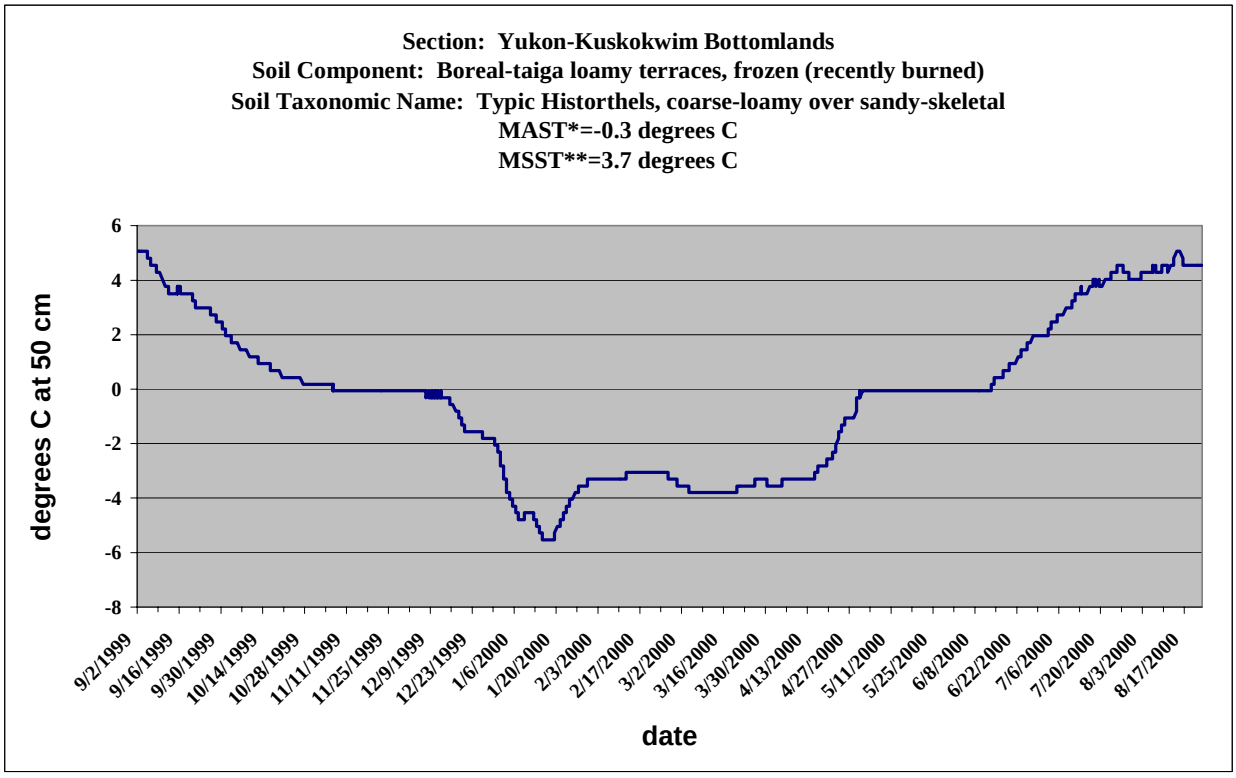


Temperature graph for soil with potential natural plant community

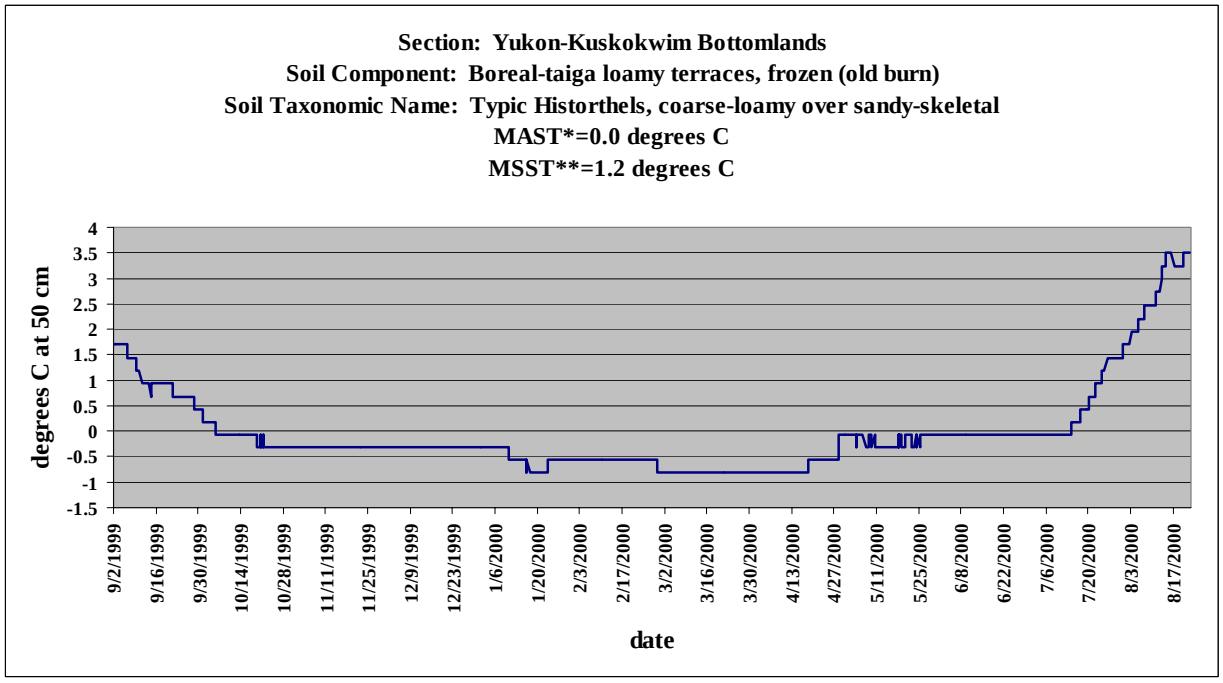


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm
***MAAT-Mean Annual Air Temperature at 2 m

Temperature graph for soil with early stage of fire induced secondary succession

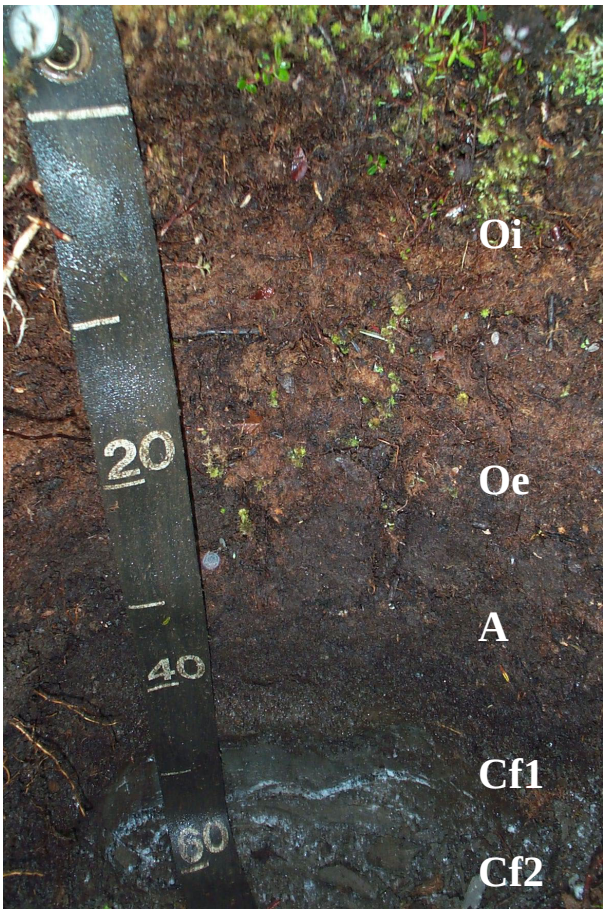


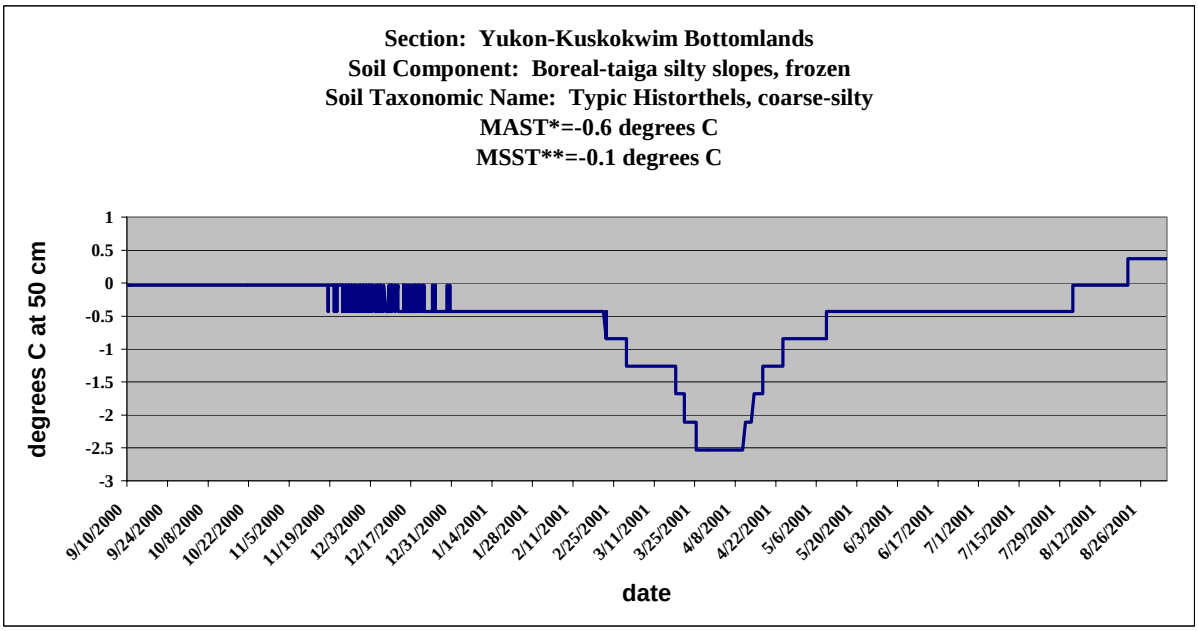
Temperature graph for soil with mid stage of fire induced secondary succession



*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

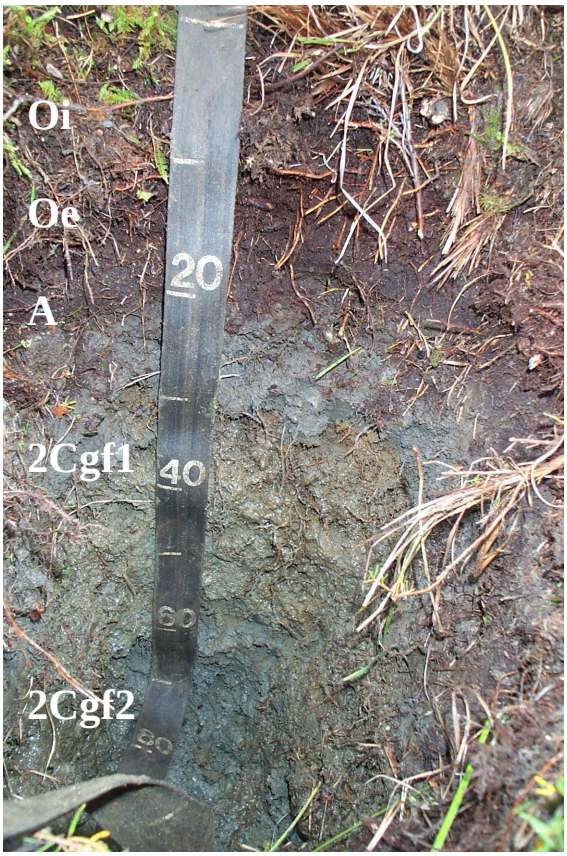
Typic Soil Profile and Temperature Graph
Typic Historthels, coarse-silty



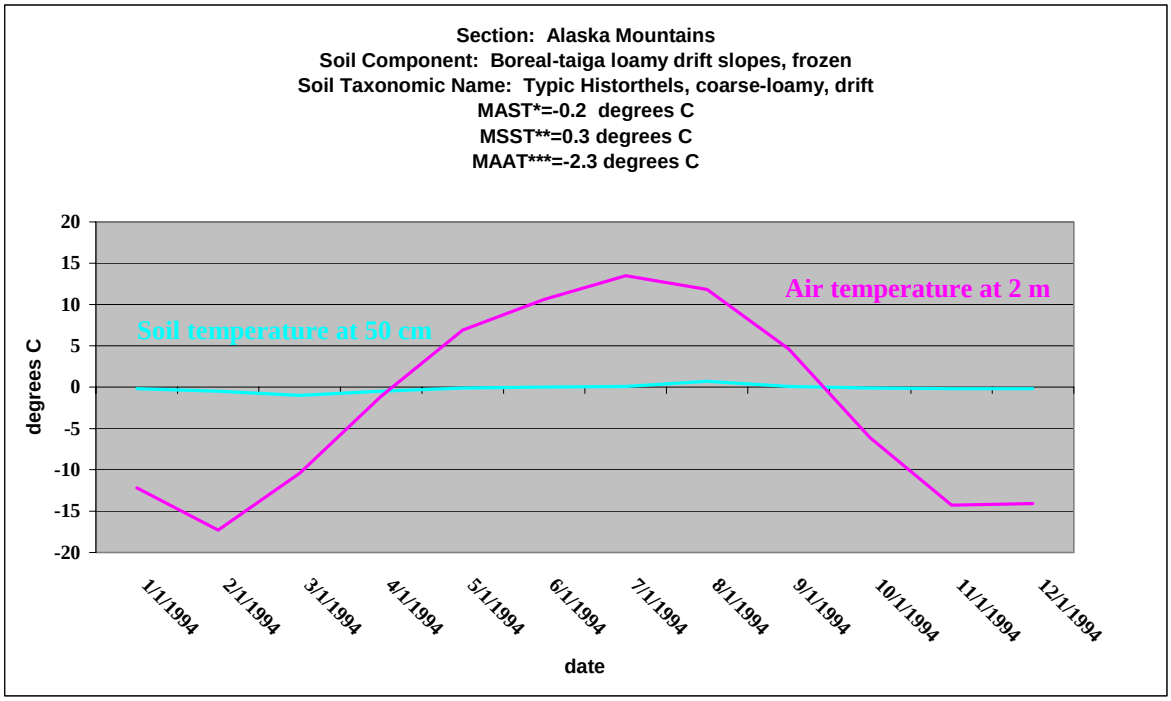


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Typic Historthels, loamy-skeletal

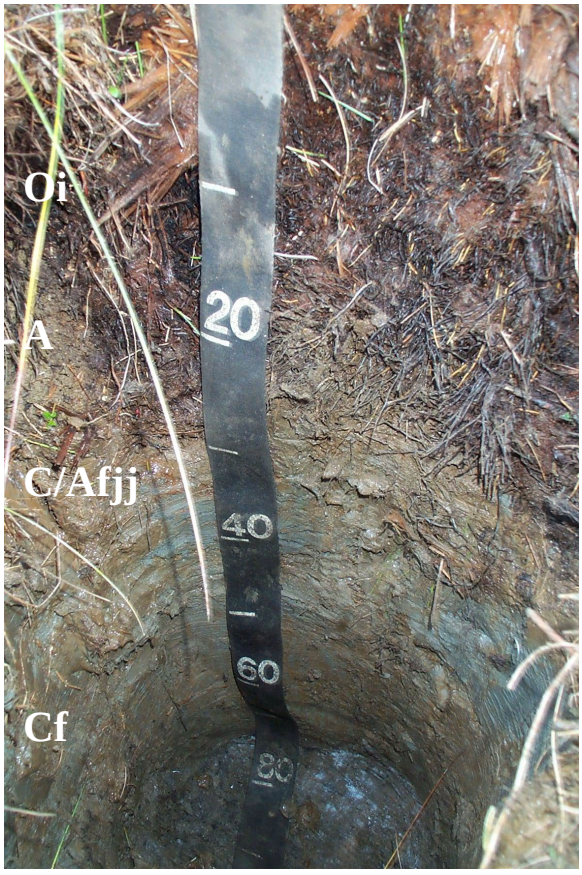


Soil Temperature Graph is from a Similar Soil Component

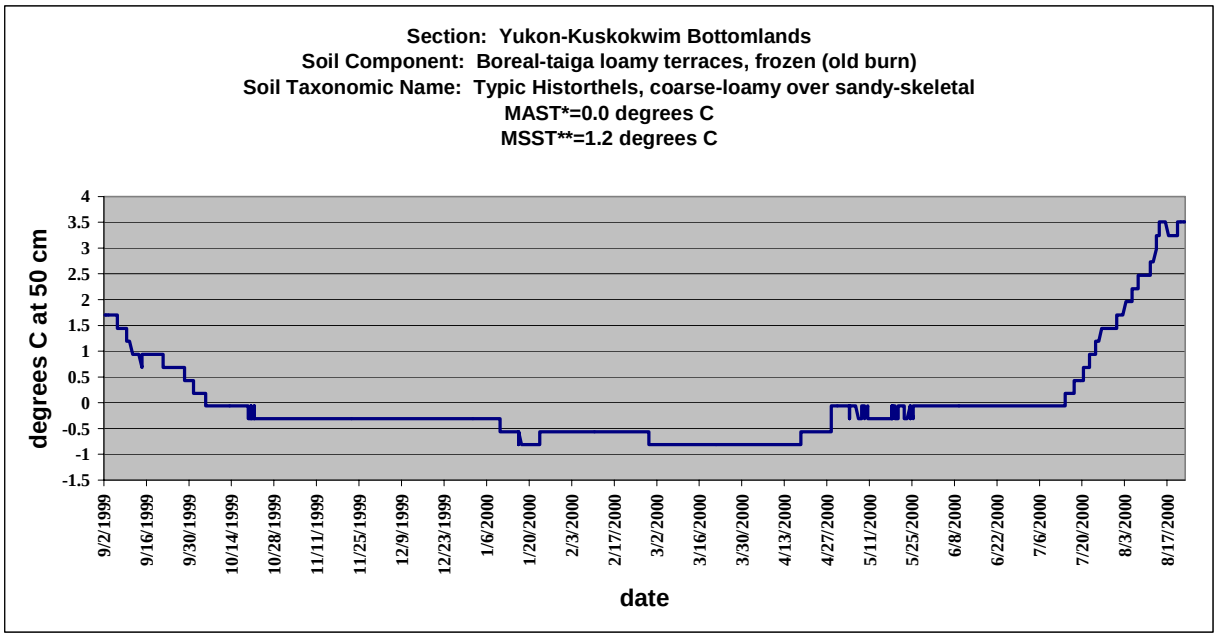


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm
***MAAT-Mean Annual Air Temperature at 2 m

Typic Soil Profile and Temperature Graph
Typic Histoturbels, coarse-loamy



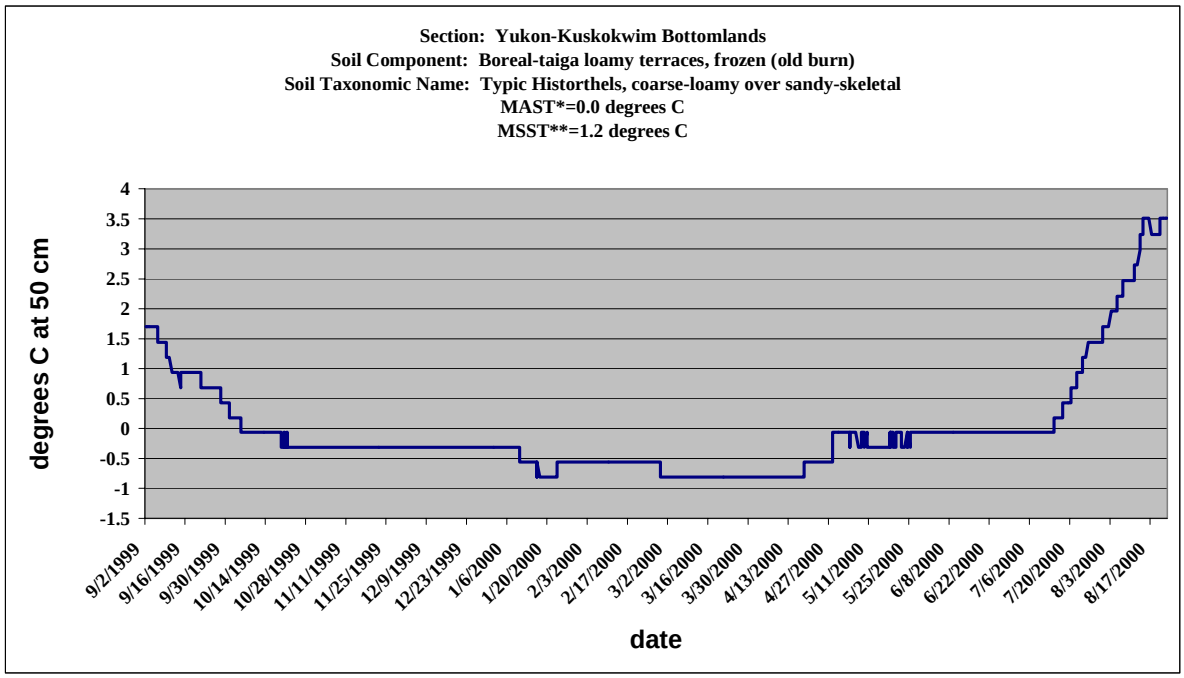
Soil Temperature Graph is from a Similar Soil Component



*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

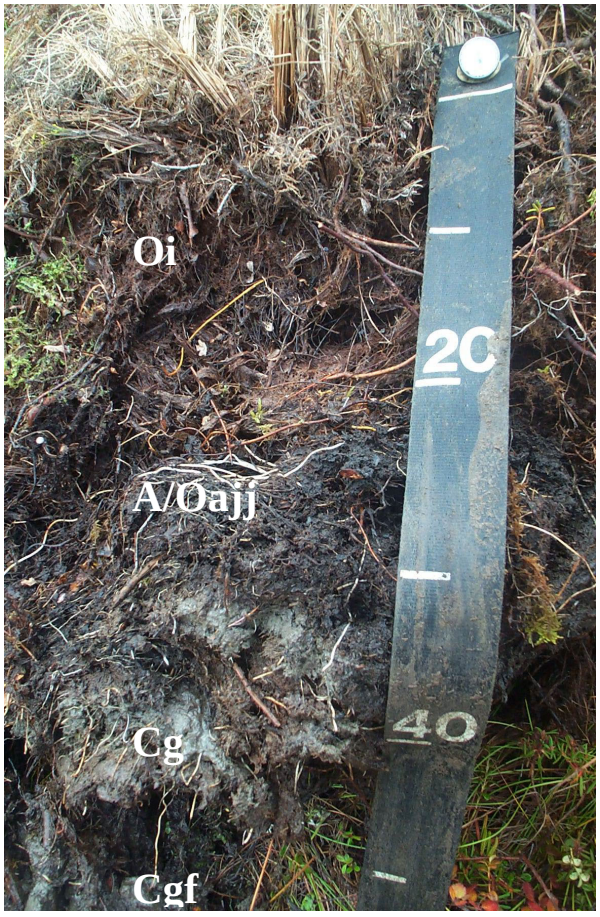
Typic Soil Profile and Temperature Graph
Typic Histoturbels, coarse-silty

Soil Temperature Graph is from a Similar Soil Component

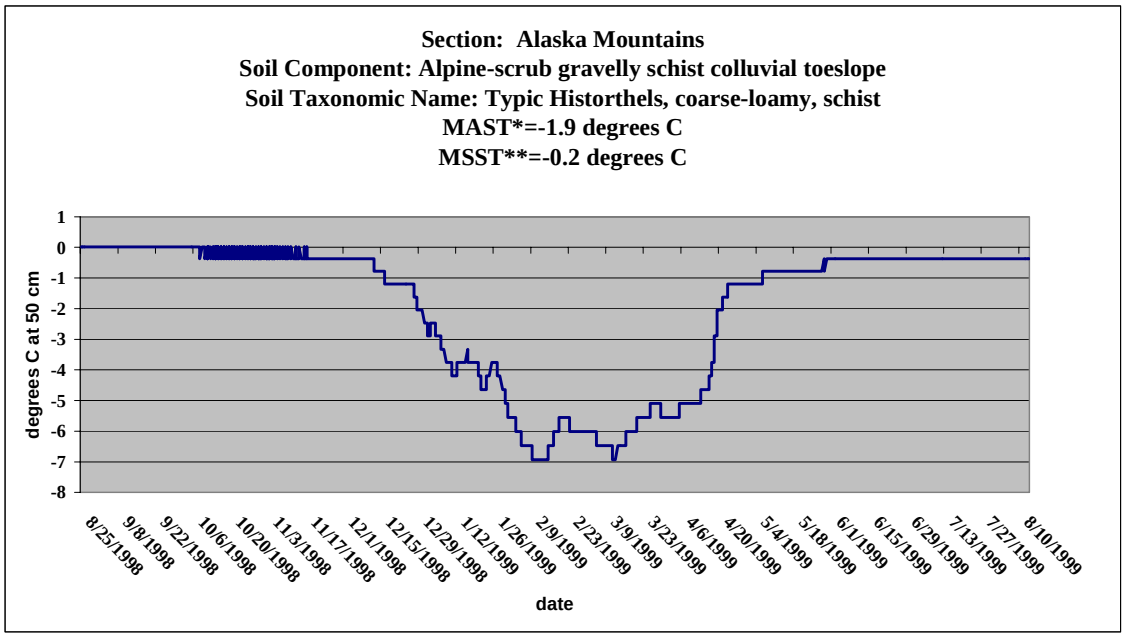


*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graph
Typic Histoturbels, loamy-skeletal

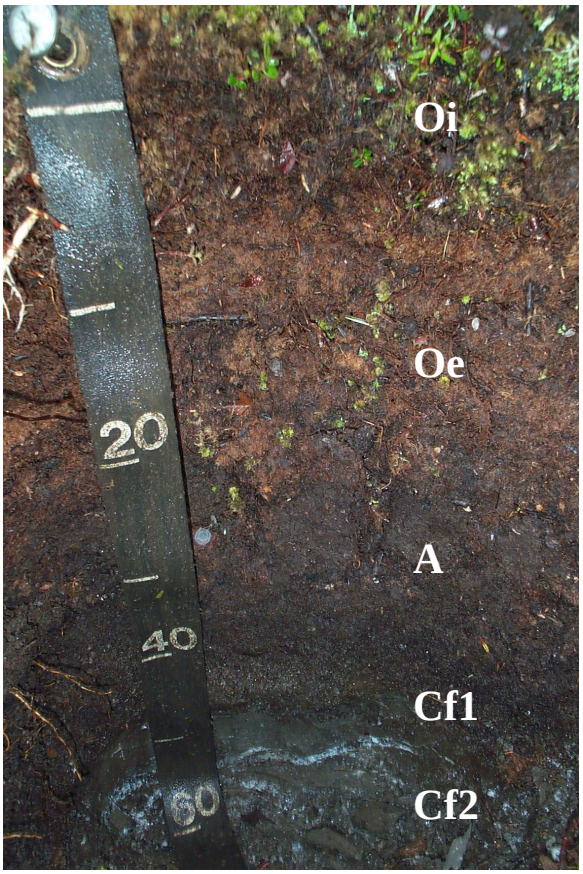


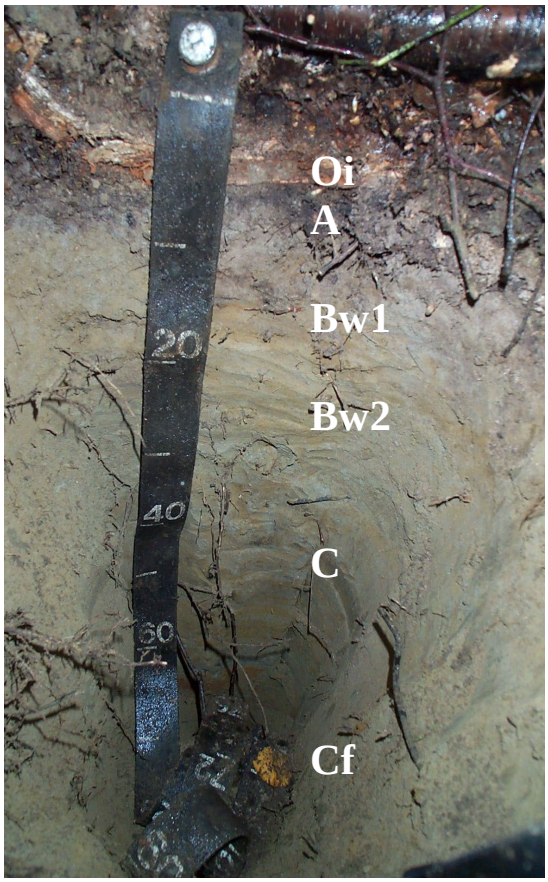
Soil Temperature Graph is from a Similar Soil Component



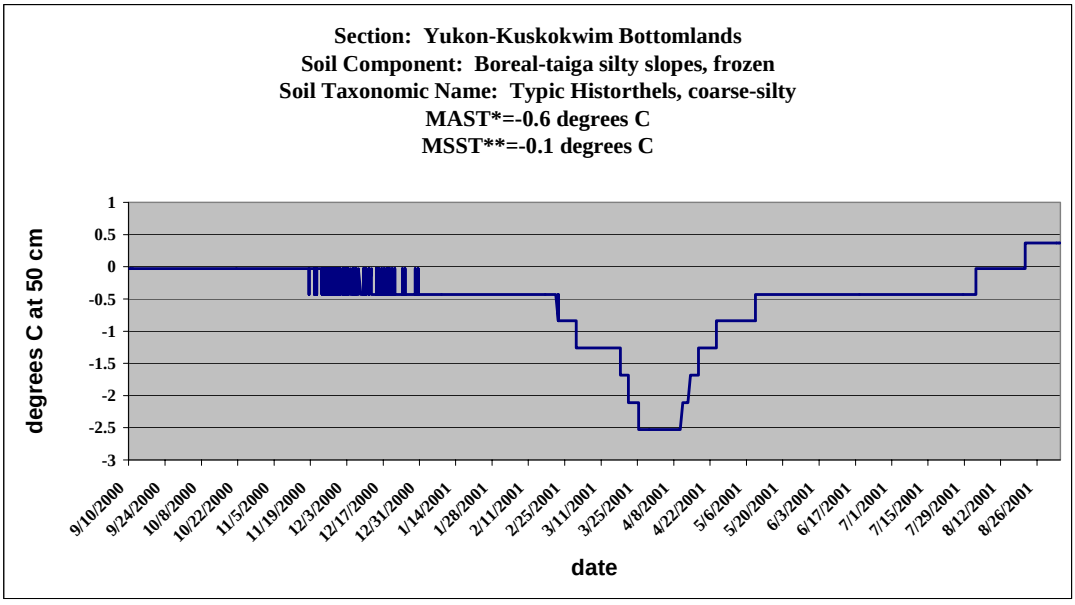
*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Typic Soil Profile and Temperature Graphs
Typic Umbrorthels, coarse-silty



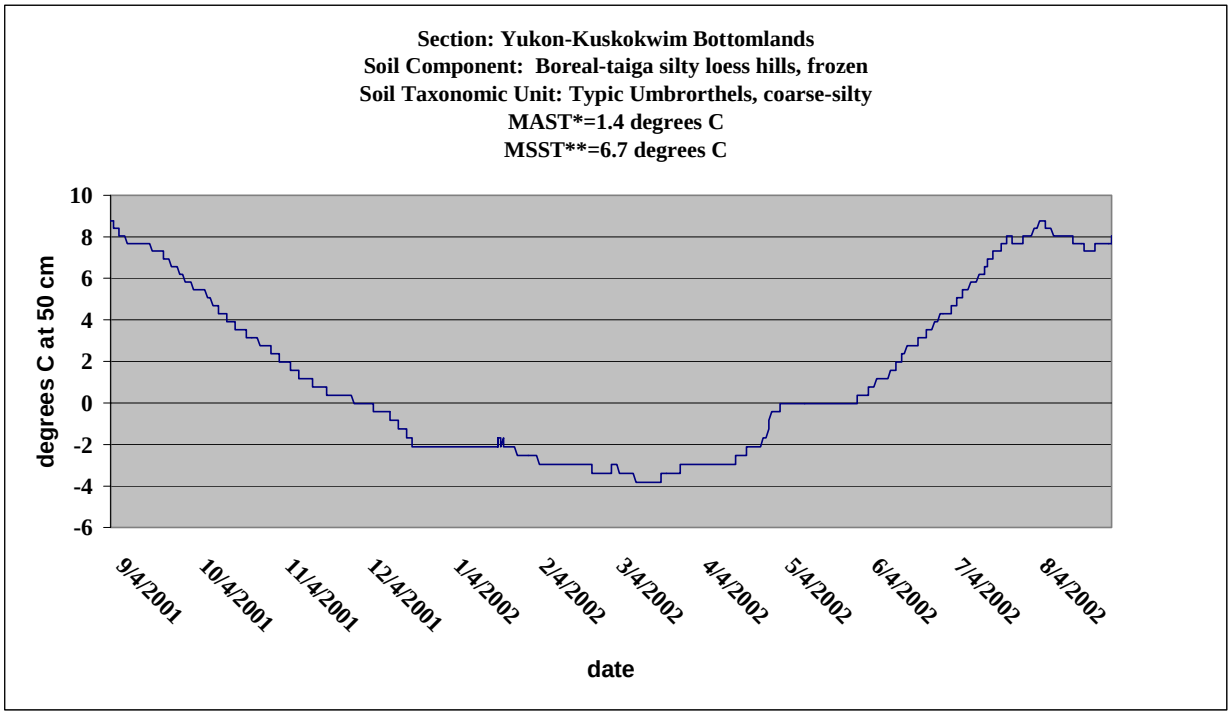


Soil Temperature Graph from Similar Soil Component and Associated with Left Photo (Climax Plant Community)



*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm

Soil Temperature Graph Associated with Right Photo (Mid stage of fire induced secondary succession)



*MAST-Mean Annual Soil Temperature at 50 cm
**MSST-Mean Summer Soil Temperature at 50 cm