

# Upper Kuparuk River Region Vegetation mapped at scale, plotted at 1:63,360

## Title and Credits

- elevpts\_point
- mines\_point
- anthro2\_arc
- <all other values>
- Barrens**
  - 1. Barren (roads and pads)
  - 2. Lichens on rocks
  - 3. Partially vegetated barrens, and revegetated disturbed areas
- Moist graminoid tundras**
  - 4. Tussock sedge, dwarf-shrub, moss tundra
  - 5. Non-tussock sedge, dwarf-shrub, moss tundra
  - 6. Miscellaneous graminoid, dwarf-shrub, forb communities
- Wet Graminoid Tundras and Water**
  - 7. Sedge, moss tundra (poor fen)
  - 8. Sedge, moss tundra (fens)
  - 9. Water and deep-water herbaceous marsh

### Prostrate Shrub Tundras

- 10. Prostrate dwarf-shrub, forb, fruticose-lichen tundra
- 11. Hemi-prostrate and prostrate dwarf-shrub, forb, moss, fruticose-lichen tundra
- 12. Hemi-prostrate dwarf-shrub, fruticose-lichen tundra

### Erect Shrub Tundras

- 13. Dwarf-shrub, sedge, moss tundra
- 14. Dwarf- to low-shrub, tundra
- 15. Low to tall shrublands (riparian south-facing slopes)
- xSedge, hemi-prostrate dwarf shrub, moss tundra
- xForb or graminoid marsh
- xWater

|   |  | Area |         |
|---|--|------|---------|
|   |  | H    | Percent |
|   |  | a    | of Map  |
| <b>Top</b>  |  |      |         |
| <b>Barrens</b>  |  |      |         |
| 1. Barren (roads and pads)  | No codes on 1:25,000 ITUM. Roads and pads are on separate coverage.  |      |         |
| 2. Lichens on rocks   | Lichen communities on rocks, including <i>Cetraria nigricans</i> - <i>Rhizocarpon geographicum</i> (12).   |      |         |
| 3. Partially vegetated barrens, and revegetated disturbed areas                     | Barren rock complexes on scree slopes, river gravels, etc. (11); partially vegetated alpine areas (13) including <i>Saxifraga oppositifolia</i> - <i>Saxifraga eschscholtzii</i> (131); partially vegetated riparian areas (14) including <i>Epilobium latifolium</i> - <i>Castilleja caudata</i> (141); revegetated gravel pads with <i>Festuca rubra</i> (142); and non-sorted circles with <i>Anthelia juratzkana</i> - <i>Juncus biglumis</i> .                    |      |         |
| <b>Moist graminoid tundras</b>  |  |      |         |
| 4. Tussock sedge, dwarf shrub, moss tundra  | Moist acidic tundra complexes (31) mainly acidic tussock tundra dominated by graminoids (311). Dominant plant communities include <i>Eriophorum vaginatum</i> - <i>Sphagnum</i> and <i>Carex bigelowii</i> - <i>Sphagnum</i> (3111).   |      |         |
| 5. Non-tussock sedge, dwarf shrub, moss tundra                                      | Moist nonacidic tundra complexes (32). Dominant communities include <i>Carex bigelowii</i> - <i>Dryas integrifolia</i> (321); <i>Carex bigelowii</i> - <i>Dryas integrifolia</i> , subtype <i>Equisetum arvense</i> (322); <i>Eriophorum vaginatum</i> - <i>Tomentypnum nitens</i> (323); <i>Carex bigelowii</i> - <i>Dryas integrifolia</i> subtype <i>Cassiope tetragona</i> or <i>Carex bigelowii</i> - <i>Sphagnum</i> , subtype <i>Cassiope tetragona</i> (3113). |      |         |
| 6. Miscellaneous graminoid, dwarf-shrub, forb communities                           | Various graminoid dominated communities on disturbances including those on landslides and thermokarst areas, and drained lake basins. Dominant communities include <i>Festuca altaica</i> - <i>Poa glauca</i> (Disturbed thermokarst areas and animal dens) (325); and <i>Deschampsia caespitosa</i> - <i>Carex saxatilis</i> (drained lakes) (326); <i>Carex podocarpa</i> - <i>Salix chamissonis</i> (snowy streambanks) (515).                                      |      |         |
| <b>Wet graminoid tundras and water</b>  |  |      |         |
| 7. Sedge, moss tundra (poor fen)  | Poor fen wetland complexes (41). Dominant plant communities include <i>Sphagnum lenense</i> - <i>Salix fuscescens</i> (411), <i>Sphagnum orientale</i> - <i>Eriophorum scheuchzeri</i> (412), and <i>Eriophorum angustifolium</i> - <i>Sphagnum</i> (413).   |      |         |
| 8. Sedge, moss tundra (fen)   | Rich fen wetland complexes (42). Dominant plant communities include: Lower microsites: <i>Carex aquatilis</i> - <i>Carex chordeorrhiza</i> (422), and <i>Eriophorum angustifolium</i> - <i>Carex aquatilis</i> (423). Raised microsites: <i>Tomentypnum nitens</i> - <i>Trichophorum caespitosum</i> and <i>Tomentypnum nitens</i> - <i>Carex bigelowii</i> (421).   |      |         |
| 9. Water and deep-water herbaceous marsh  | Water (6)  |      |         |
| Herbaceous marshes (includes <i>Hipvul-Arcful</i> and <i>Hipvul-Spahyp</i> ) (43)   |  |      |         |
| <b>P - Prostrate-shrub tundras</b>  |  |      |         |
| 10. Prostrate dwarf-shrub, forb, fruticose-lichen tundra                            | Dry acidic complexes (21); <i>Selsib-Dryoct</i> (211); <i>Salph-Arcalp</i> (212); <i>Hiealp-Betnan</i> (213); <i>Claarb-Stetom</i> (lichen tundra (215); Dry nonacidic tundra <i>Oxynig-Dryint</i> (24) <i>Dryas integrifolia</i> - <i>Astragalus umbellatus</i> (22).   |      |         |
| (Note: Dry tundra complexes)  |  |      |         |
| 11. Hemi-prostrate and prostrate dwarf-shrub, forb, moss, fruticose-lichen tundra   | Caline-Castet (acidic stripes) (214); Dry nonacidic tundra <i>Astumb-Dryint</i> (22)   |      |         |
| (Note: mostly stripe complexes with <i>Dryint</i> and or <i>Castet</i> communities) |  |      |         |
| 12. Hemi-prostrate dwarf-shrub, fruticose-lichen tundra                             | Snowbed complex (23); <i>Carmie-Castet</i> (231); <i>Dryint Castet</i> (232); <i>Salrot</i> (233)  |      |         |
| (Note: Snowbed complexes)   |  |      |         |
| <b>Erect-shrub tundras</b>  |  |      |         |
| 13. Dwarf-shrub, sedge, moss tundra   | Moist acidic tundra complexes dominated by shrubs (312). Dominant plant communities include <i>Betula nana</i> - <i>Eriophorum vaginatum</i> , and <i>Salix pulchra</i> - <i>Carex bigelowii</i> .   |      |         |
| (Note: Shrubby tussock tundra)  |  |      |         |
| 14. Dwarf- to low-shrub, tundra   | Shrub tundra dominated by dwarf birch or willows. Dominant plant communities include <i>Betula nana</i> - <i>Rubus chamaemorus</i> or <i>Salix pulchra</i> - <i>Sphagnum</i> (513).  |      |         |
| 15. Low to tall shrublands (riparian south-facing slopes)                           | Shrublands along streams and water tracks dominated by diamondleaf willow. Dominant plant communities include <i>Salix pulchra</i> - <i>Eriophorum angustifolium</i> (511), feltleaf willow, and lanate willow (512) <i>Salix pulchra</i> - <i>Calamagrostis Canadensis</i> (514) <i>Salix alaxensis</i> tall shrublands (5121) and low shrublands (5122); Misc. shrublands including those dominated by <i>Salix glauca</i> or <i>Alnus crispa</i> (52).              |      |         |
| (Note: includes low shrubs along streams and upland shrubs on southfacing slopes)   |  |      |         |
| Total   |  |      |         |

Bottom

