**UPLANDS NATURAL COMMUNITY SURVEY**

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| **Site Name:** |  | **Survey Area:** |  |
| **Quad name:** |  | **Quad code:** |  |
| **County:** |  | **Town:** |  |

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| **COMMUNITY TYPE:** | Occurrence Number:  |
| **Surveyors:** | Date: |
| **EO Type:** [ ]  New EO [ ]  Update to Existing EO [ ]  Not EO Quality | Sourcecode: |

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| **LOCATION** (attach map showing location) |
| **Coordinates**: |
| **Directions to Occurrence**: | **Elevation**Min ft / mMax ft / m |
| **Locational Uncertainty**: [ ]  Areal delimited [ ]  Mapped to within 12.5 m of actual location [ ]  Greater uncertainty \_\_\_\_\_\_\_\_ m / ft / km / miles |
| **Confidence Extent**: [ ]  Confident full extent of feature **IS** known [ ]  Confident full extent is **NOT** known [ ]  **Uncertain** if full extent is known |

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| **HABITAT DESCRIPTION** |
| **General Description of Community** *(if forest be sure to include if it is old growth and how you know):* |
| **Threats to Community?** |
| **Management/Protection Needs?** |
| **Other Comments (animal use, species distribution, etc.):** |

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| **LANDOWNER INFORMATION** |
| Landowner name/address for entire natural community (attach additional owner information on a separate sheet): | Phone: | Comments:  |
| Tax map #: |
| Lot #: |

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| **VEGETATION DATA** |
| **TREE LAYER (canopy plus emergents, everything ≥ 10 cm DBH)** |
| TOTAL COVER OF STRATUM:<5% 10% 20% 30% 40% 50% 60% 70% 80% 90+% | Total Basal Area:ft2/acre | Conifer %: | Canopy height \_\_\_\_\_\_\_ m or ftSupercanopy spp? |
| Species name/code | Cover class\* | DBH range [ ] in [ ] cm | Core ages | Species name/code | Cover class\* | DBH range [ ] in [ ] cm | Core ages |
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| **SAPLING/TALL SHRUB LAYER (> 3 m tall and < 10 cm DBH)** |
| TOTAL COVER OF STRATUM: <5% 10% 20% 30% 40% 50% 60% 70% 80% 90+% |
| Species name/code | Cover class\* | Species name/code | Cover class\* |
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| **SHRUB LAYER** (woody plants ~1 – 3m tall) |
| TOTAL COVER OF STRATUM: <5% 10% 20% 30% 40% 50% 60% 70% 80% 90+% |
| Species name/code | Cover class\* | Species name/code | Cover class\* |
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| **HERB/DWARF SHRUB LAYER** (all herbaceous vascular plants plus any woody plants < 1 m tall) |
| TOTAL COVER OF STRATUM:<5% 10% 20% 30% 40% 50% 60% 70% 80% 90+% | DOMINANCE: tree regen\_\_\_\_\_\_\_\_%; shrub\_\_\_\_\_\_\_%;  graminoid\_\_\_\_\_\_\_\_%; forb\_\_\_\_\_\_\_% |
| Species name/code | Cover class\* | Species name/code | Cover class\* |
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| **BRYOID LAYER** (all ground-layer non-vascular plants; do not include epiphytes) |
| TOTAL COVER OF STRATUM:<5% 10% 20% 30% 40% 50% 60% 70% 80% 90+% | DOMINANCE: bryophytes\_\_\_\_\_\_\_\_\_% lichens \_\_\_\_\_\_\_\_% |
| Species name/code | Cover class\* | Species name/code | Cover class\* |
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| **\*cover classes (midpoint):** < 2%= **1**, 2-5%= **3**, 6-12%= **9**, 13-24%= **19**, 25-49%= **37**, 50-74%= **63**, 75-100%= **87** |

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| ADDITIONAL SPECIES within area where vegetation cover by strata were taken | OTHER PLANT SPP seen in community (spp codes), for complete plant species list |
| Stratum | Species code | Cover class | Stratum | Species code | Cover class |  |
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| **ENVIRONMENTAL SETTING** |
| SOILS (rooting zone):Sample #\_\_\_\_ | Aspect (true):  | Slope: Include units! (45º = 100%) [ ]  measured [ ]  estimated |
| Depth to which soil examined\_\_\_\_\_\_\_\_Organic layer depth\_\_\_\_\_\_\_\_\_\_\_cm or [ ]  >1 mMineral layer below organic? \_\_\_\_\_\_\_depth\_\_\_\_\_\_\_\_Mottling in top 30 cm?\_\_\_\_\_\_\_depth\_\_\_\_\_\_\_\_Depth to water table: \_\_\_\_\_\_\_\_Depth to obstruction: \_\_\_\_\_\_\_\_ nature of obstruction: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Stoniness: [ ]  very little (<1%)/ [ ]  moderate (2-25%)/ [ ]  very (>25%)pH: \_\_\_\_\_\_\_\_\_\_ measured in [ ]  soil or [ ]  interstitial waterPost decomposition (peat substrates only) \_\_\_\_\_\_ at \_\_\_\_\_\_\_\_ deep | Hydrologic regime:[ ]  upland[ ]  nontidal wetland: [ ]  perm flooded  [ ]  semi per flooded [ ]  seasonally fld. [ ]  saturated[ ]  tidal – irreg. fld.[ ]  tidal – reg. fld. [ ]  saltwater  [ ]  brackish [ ]  freshwater[ ]  unknown | Habitat patchiness (describe zones or patches if present): |
| Microtopography:  |
| Average Texture:[ ]  gravel[ ]  sand[ ]  loamy sand / sandy loam[ ]  loam [ ]  silt loam[ ]  clay loams [ ]  sandy clay / clay[ ]  peat[ ]  muck | Drainage & moisture regime (see MAPPSS key):  [ ]  very poorly drained[ ]  poorly drained[ ]  somewhat poorly drained[ ]  moderately well drained[ ]  well drained[ ]  somewhat excessively drained[ ]  excessively drained | Bedrock type:[ ]  Igneous [ ]  granite [ ]  dioritic [ ]  gabbroic[ ]  Metamorphic [ ]  slate/phyllite [ ]  schist/gneiss[ ]  Sedimentary [ ]  limestone [ ]  other details? | Topographic position[ ]  D drainage channel[ ]  P low plain, level[ ]  N narrow valley[ ]  T toe of slope[ ]  L lower slope [ ]  M middle slope [ ]  T hillside terrace[ ]  U upper slope [ ]  E cliff/ledge[ ]  S ridge, summit, crest | Surficial deposit:[ ]  bedrock[ ]  talus slope[ ]  glacial till[ ]  moraine[ ]  esker/outwash[ ]  glacial delta[ ]  lacustrine/fluvial[ ]  marine[ ]  aeolian[ ]  other: |
| Comments: |

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| **COMMUNITY RANKING** |
| 1. **CURRENT CONDITION** and **QUALITY** of the community.

Natural and anthropogenic disturbance **within** the community (check off, then describe extent and how recent below) |
| [ ]  Logging – most recently ~ \_\_\_\_\_\_\_ yrs ago[ ]  Agriculture / pasture [ ]  Fire[ ]  Wind or ice damage[ ]  Impoundment[ ]  Exotic plants  | [ ]  Animal effects (insect outbreaks, browsing)[ ]  Erosion[ ]  Dumping or Mining[ ]  ORV / vehicle disturbance[ ]  Trails / roads[ ]  Other, list |
| **Describe:****Current Condition Rank:** [ ]  **A** – No apparent signs of human disturbance (or long enough ago that effects are no longer visible or are extremely minor).[ ]  **B** – Some signs of human disturbance or degradation, but community generally intact.[ ]  **C** – Signs of human disturbance or degradation, community compromised in some significant way.[ ]  **D** – Highly disturbed (multiple impacts causing community to be drastically altered). |
| **2. SIZE** of the community. |
| What is the approximate size of the community occurrence? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[ ]  acres / [ ]  hectares / [ ]  sq mi |
| [ ]  Covers the natural extent of this community type [ ] Has been truncated through adjacent land use**Comments:** **Size Rank: [ ]  A** – Excellent [ ]  **B** – Good [ ]  **C** – Fair [ ]  **D** – Poor |
| **3. LANDSCAPE CONTEXT** of the area surrounding the community (**500m buffer**).**Describe**:**Landscape Context Rank:** [ ]  **A** –Buffer with little to no human disturbance in the last 30 years (evident in aerial imagery), and invasive plants or other ecosystem stressors absent or if present will have no impact on natural community EO. (Calculated score > .95)[ ]  **B** –Buffer largely in natural condition, but may be crossed by roads, have areas with recent (<30 yr old) timber harvesting or other impacts to a small percentage of the area and invasive plants or other ecosystem stressors absent or if present will have little to no impact on natural community EO. (calculated score > .85 and < .95)[ ]  **C** –Buffer with limited development, intensive recent timber harvesting, agricultural use over some of the buffer area, roads and other impacts but most of the buffer area still in some form of natural/native cover type. Invasive plants or other ecosystem stressors present and may have some potential to impact natural community EO (calculated score > .67 and < .85) [ ]  **D** –Majority of buffer not in some form of natural/native cover type. Invasive plants or other ecosystem stressors are present with a high potential to impact condition of the natural community EO (calculated score <.67) |
| **OVERALL RANK** for Community [ ]  **A** – Excellent [ ]  **B** – Good [ ]  **C** – Fair [ ]  **D** – Poor [ ]  **E** – Extant based on your experience Rank Date:Comments: |