



Form H1: MAPS Habitat Structure Assessment (HSA) form

Location code: ____ Station code: ____ Date: (m/d/y) __/__/ **2021** Surveyed by: _____ Survey (circle one): single | consensus

Habitat dominance code (as shown on station map; circle one): A – dominant | B – sub-dominant | C – minor 1 | D – minor 2 | E – minor 3

Describe habitat type: _____

Successional stage of habitat type (circle one): L – late | M – mid | E – early National Vegetation Classification Standard Formation: _____

Percentage of station comprised of this habitat type (from station map): ____% National Vegetation Classification Standard Alliance: _____

Pattern code of this habitat type (1-12): _____ Average height of: Tree canopy ____m, Shrubs ____m, Herbaceous vegetation ____m

| Vegetative Layers | Cover ¹ <5, 10, 20,...see below...90, >95 | Pattern 1-12 | Number of Species | Vegetation types within each layer <i>Estimated percentages must add up to 100%</i> | | | | Main species <i>e.g. Vaccinium ovatum, Poa pretensis Quercus rubra, Q. alba, Pinus contorta</i> |
|----------------------|--|---------------------|-------------------------|--|--------------|---------------|-----------------|--|
| | | | | Conifer | Broad | Forbs & ferns | Grass-like | |
| Upperstory: >15m | | | | % | % | % | | |
| Midstory: 5 -15m | | | | % | % | % | | |
| Understory: 0.5 - 5m | | | | % | % | % | % | |
| Ground cover*: <0.5m | | | | Woody | Nonvascular | Forbs & ferns | Grass-like | |
| Live vegetation | % | | | % | % | % | % | |
| Dead vegetation | % | | leaves | twigs | branches | old logs | recent treefall | |
| Total non-vegetative | % | NA see text p.13 | rock | stones or gravel | dirt or sand | water | human-made | |

| Non-vegetative Features | Estimate % | Pattern 1-12 | Circle one or more features of cover type | | | | | Comment |
|-------------------------|------------|--------------|--|--|--|------------------------------|--------------------|---------|
| Running water | % | | seep/trickle | very small brook (<0.5m) | small stream (0.5-2.0m) | large stream (2.0-5.0m) | river (>5m) | |
| | | | canal | | | | | |
| Standing water | % | | pond/lake <50m ² >50m ² | for livestock <50m ² >50m ² | marsh/bog <50m ² >50m ² | seasonal occasional | permanent other | |
| | | | | | | | | |
| Human-made Corridors | % | | paved | gravel | dirt | mown | boardwalk | |
| | | | road | track | break | path | other | |
| Human-made Structure | % | | building | fence | bridge | powerline | tower | |
| | | | culvert | dam | channel | wall | other | |

| General description of habitat type including habitat age: | | | | | Feature | Options |
|--|--|--|--|--|--------------|--|
| | | | | | Drainage: | well-drained poorly-drained |
| | | | | | Slope: | flat gentle undulating steep |
| | | | | | Geography: | bottomland hillside ridgetop plain |
| | | | | | Ridges: | none single two >2 |
| | | | | | Aspect: | none N E S W All |
| Number of snags (>1m tall, >10cm diam.): 0 <5 5-15 >15 | | | | | Logging: | clear-cut selective strip |
| Management / Disturbance history: | | | | | Disturbance: | fire wind flood drained icestorm |
| | | | | | Other: | write here |

| | | | | | | | | | | | |
|----------------------------|-------|---------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|
| Percentage cover midpoints | <5 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | >95 |
| Percentage cover range | 0---- | 5%----- | 15%----- | 25%----- | 35%----- | 45%----- | 55%----- | 65%----- | 75%----- | 85%----- | 95%-----100% |

* Ground Cover (Live vegetation, Dead vegetation, and Total non-vegetative) must total 100%