

# Photo Fuel Plots: Lillooet

- **Gott Creek**  
#98-5-07-001-1  
IDF dk2—S1 modified with canopy
- **Gott Creek**  
#98-5-07-001-2  
IDF dk2—C4 modified
- **Tom Cole FSR**  
#98-5-07-001-3  
MS xk—C3
- **Tom Cole FSR**  
#98-5-07-002-1  
MS xk—C3
- **Tom Cole FSR**  
#98-5-07-004-1  
MS xk—C3
- **Tom Cole FSR**  
#98-5-07-004-2  
MS xk—C3
- **Tom Cole FSR**  
#98-5-07-004-3  
MS xk—C3
- **Tom Cole FSR**  
398-5-07-005-1  
MS xk—C3

LOCATION: Gott Creek

**Photo Fuel Plot # 98-5-07-001-1**



Post 1



Post 2



Post 3

| ECOLOGY                 |                           | PLOT SUMMARY                     |                                                           |
|-------------------------|---------------------------|----------------------------------|-----------------------------------------------------------|
| Aspect                  | southeast                 | Location                         | south of Gott Creek rec site                              |
| Slope (%)               | <5                        | GPS Coordinates                  | no GPS coverage available                                 |
| Elevation (m)           | no GPS coverage available | Map sheet                        | 92J050                                                    |
| Fuel Type               | S1 modified - with canopy | Polygon #                        | 340                                                       |
| Bigeoclimatic Zone      | IDFdk2                    | FOREST COVER SUMMARY             |                                                           |
| SOILS                   |                           | Primary Species                  | <i>Pseudotsuga menziesii</i>                              |
| LFH Layer               | <1                        | Secondary Species                | <i>Picea glauca x engelmannii</i> , <i>Pinus contorta</i> |
| Humus Form              | mull                      | % Canopy Closure                 | 36                                                        |
| Soil Order              | Regasolic                 | Treatment Type                   | spaced and pruned                                         |
| Moisture Regime         | submesic                  | Year of Treatment                | 1991                                                      |
| Nutrient regime         | poor                      | TREE AND FUEL CALCULATIONS       |                                                           |
| Texture                 | loamy sand                | Average Tree Height (m)          | 15.88                                                     |
| % Mineral Soil Exposure | 55                        | Average Height to Live Crown (m) | 6.27                                                      |
| CREW LIST               |                           | Coarse Woody Debris Mass (t/ha)  | 260.3                                                     |
| LF, RP, PL, HO, KT      |                           | Fine Fuel Mass (t/ha)            | 9.47                                                      |

| VEGETATION COVER  |                            |    |                                |    |  |
|-------------------|----------------------------|----|--------------------------------|----|--|
|                   | Brush Species              | %  | Herbaceous Species             | %  |  |
| Primary Species   | <i>Salix spp.</i>          | 20 | <i>Epilobium angustifolium</i> | 5  |  |
| Secondary Species | <i>Spiraea betulifolia</i> | 10 | <i>Orthilia secunda</i>        | 5  |  |
| Tertiary Species  | <i>Linnaea borealis</i>    | 10 | <i>Chimaphila umbellata</i>    | <5 |  |

| VEGETATION            |                                      |                           |                              |               |            |                         |                            |    |
|-----------------------|--------------------------------------|---------------------------|------------------------------|---------------|------------|-------------------------|----------------------------|----|
| Past Unique #:        |                                      | 92-5-07-001-1             |                              | New Unique #: |            | 98-5-07-001-1           |                            |    |
| GPS coordinates:      |                                      | no GPS coverage available |                              |               | Surveyors: |                         | NO, SM, LF, RP, PL, HO, KT |    |
| Location:             | 36.3 km south of Gott Creek rec site |                           |                              |               |            |                         |                            |    |
|                       |                                      |                           |                              |               | Map#:      |                         | 92J050                     |    |
| Mosses %              |                                      | 2                         |                              |               |            | Lichens %               |                            | 2  |
|                       |                                      |                           |                              |               |            |                         |                            |    |
| Seedling species      |                                      | %                         | Brush species                |               | %          | Herbaceous species      |                            | %  |
| Pseudotsuga menziesii |                                      | 5                         | Salix ssp.                   |               | 20         | Epilobium angustifolium |                            | 5  |
|                       |                                      |                           | Spiraea betulifolia          |               | 10         | Orthilia secunda        |                            | 5  |
|                       |                                      |                           | Linnaea borealis             |               | 10         | Chimaphila umbellata    |                            | <5 |
|                       |                                      |                           | Paxistima myrsinites         |               | 10         |                         |                            |    |
|                       |                                      |                           | Shepherdia canadensis        |               | 5          |                         |                            |    |
|                       |                                      |                           | Amelanchier alnifolia        |               | 5          |                         |                            |    |
|                       |                                      |                           | Ribes lacustre               |               | 5          |                         |                            |    |
|                       |                                      |                           | Acer glabrum                 |               | 5          |                         |                            |    |
|                       |                                      |                           | Rubus idaeus                 |               | 5          |                         |                            |    |
|                       |                                      |                           | Arctostaphylos uva-ursi      |               | 5          |                         |                            |    |
|                       |                                      |                           | Rubus parviflorus            |               | 5          |                         |                            |    |
|                       |                                      |                           | Alnus crispa ssp. sitchensis |               | 5          |                         |                            |    |
|                       |                                      |                           | Cornus stolonifera           |               | 5          |                         |                            |    |

| TREE TALLY                        |          |            |              |            |       |            |
|-----------------------------------|----------|------------|--------------|------------|-------|------------|
| Tree Species                      | Dominant | Codominant | Intermediate | Suppressed | Regen | Snag Count |
| <i>Pinus contorta</i>             | 0        | 0          | 0            | 0          | 54    | 0          |
| <i>Pseudotsuga menziesii</i>      | 2        | 1          | 0            | 120        | 10    | 0          |
| <i>Picea glauca x engelmannii</i> | 0        | 0          | 0            | 75         | 10    | 0          |
| <i>Thuja plicata</i>              | 0        | 0          | 1            | 0          | 1     | 0          |

LOCATION: Gott Creek

**Photo Fuel Plot # 98-5-07-001-2**



Post 1



Post 2



Post 3

| ECOLOGY                 |             | PLOT SUMMARY                     |                                   |
|-------------------------|-------------|----------------------------------|-----------------------------------|
| Aspect                  | flat        | Location                         | Gott Creek                        |
| Slope (%)               | 0           | GPS Coordinates                  | N50-32.214' W122-07.613'          |
| Elevation (m)           | 707         | Map sheet                        | 92J060                            |
| Fuel Type               | C4 modified | Polygon #                        | 934                               |
| Bigeoclimatic Zone      | IDFdk2      | FOREST COVER SUMMARY             |                                   |
| SOILS                   |             | Primary Species                  | <i>Pinus contorta</i>             |
| LFH Layer               | 16          | Secondary Species                | <i>Picea glauca x engelmannii</i> |
| Humus Form              | moder       | % Canopy Closure                 | 50                                |
| Soil Order              | Brunisolic  | Treatment Type                   | spaced and pruned                 |
| Moisture Regime         | mesic       | Year of Treatment                | 1988                              |
| Nutrient regime         | medium      | TREE AND FUEL CALCULATIONS       |                                   |
| Texture                 | silty loam  | Average Tree Height (m)          | 10.43                             |
| % Mineral Soil Exposure | 0           | Average Height to Live Crown (m) | 1.49                              |
| CREW LIST               |             | Coarse Woody Debris Mass (t/ha)  | 122.6                             |
| LF, RP, PL, HO, KT      |             | Fine Fuel Mass (t/ha)            | 5.57                              |

| VEGETATION COVER  |                             |    |                                |    |  |
|-------------------|-----------------------------|----|--------------------------------|----|--|
|                   | Brush Species               | %  | Herbaceous Species             | %  |  |
| Primary Species   | <i>Symphoricarpos albus</i> | 25 | <i>Cornus canadensis</i>       | 15 |  |
| Secondary Species | <i>Linnaea borealis</i>     | 10 | <i>Epilobium angustifolium</i> | 5  |  |
| Tertiary Species  | <i>Cornus stolonifera</i>   | 10 | <i>Orthilia secunda</i>        | 3  |  |

| VEGETATION       |  |            |                              |  |               |                                |  |                    |  |
|------------------|--|------------|------------------------------|--|---------------|--------------------------------|--|--------------------|--|
| Past Unique #:   |  |            | 92-5-07-001-2                |  | New Unique #: |                                |  | 98-5-07-001-2      |  |
| GPS coordinates: |  |            | N50-32.214' W122-07.613'     |  |               | Surveyors:                     |  | LR, RP, PL, HO, KT |  |
| Location:        |  | Gott Creek |                              |  |               |                                |  |                    |  |
|                  |  |            |                              |  |               | Map#:                          |  | 82J060             |  |
| Mosses %         |  | <5         |                              |  |               | Lichens %                      |  | 0                  |  |
|                  |  |            |                              |  |               |                                |  |                    |  |
| Seedling species |  | %          | Brush species                |  | %             | Herbaceous species             |  | %                  |  |
|                  |  |            | <i>Symphoricarpos albus</i>  |  | 25            | <i>Cornus canadensis</i>       |  | 15                 |  |
|                  |  |            | <i>Cornus stolonifera</i>    |  | 10            | <i>Epilobium angustifolium</i> |  | 5                  |  |
|                  |  |            | <i>Lonicera involucrata</i>  |  | 10            | <i>Orthilia secunda</i>        |  | 3                  |  |
|                  |  |            | <i>Linnaea borealis</i>      |  | 10            | <i>Achillea millefolium</i>    |  | 3                  |  |
|                  |  |            | <i>Salix ssp.</i>            |  | 5             | <i>Pyrola chloranthra</i>      |  | 2                  |  |
|                  |  |            | <i>Shepherdia canadensis</i> |  | 5             | <i>Taraxacum officinale</i>    |  | 2                  |  |
|                  |  |            | <i>Spiraea betulifolia</i>   |  | 3             | <i>Lilium columbianum</i>      |  | 1                  |  |
|                  |  |            | <i>Rosa acicularis</i>       |  | 3             |                                |  |                    |  |
|                  |  |            | <i>Rubus parviflorus</i>     |  | 3             |                                |  |                    |  |
|                  |  |            | <i>Rubus idaeus</i>          |  | 1             |                                |  |                    |  |
|                  |  |            | <i>Mahonia aquifolium</i>    |  | 1             |                                |  |                    |  |

| TREE TALLY                        |          |            |              |            |       |            |
|-----------------------------------|----------|------------|--------------|------------|-------|------------|
| Tree Species                      | Dominant | Codominant | Intermediate | Suppressed | Regen | Snag Count |
| <i>Pseudotsuga menziesii</i>      | 0        | 0          | 0            | 0          | 7     | 0          |
| <i>Pinus contorta</i>             | 0        | 0          | 48           | 0          | 0     | 0          |
| <i>Picea glauca x engelmannii</i> | 1        | 0          | 0            | 0          | 0     | 0          |

| ADDITIONAL COMMENTS                      |
|------------------------------------------|
| Fire behavior may be like S1 with canopy |

LOCATION: Tom Cole FSR

**Photo Fuel Plot # 98-5-07-001-3**



Post 1



Post 2



Post 3

| ECOLOGY                 |            | PLOT SUMMARY                     |                                   |
|-------------------------|------------|----------------------------------|-----------------------------------|
| Aspect                  | flat       | Location                         | Tom Cole FSR - 9.75 km            |
| Slope (%)               | 0          | GPS Coordinates                  | N50-48.619' W121-44.152'          |
| Elevation (m)           | 1625       | Map sheet                        | 92I082                            |
| Fuel Type               | C3         | Polygon #                        | 932                               |
| Bigeoclimatic Zone      | MSxk       | FOREST COVER SUMMARY             |                                   |
| SOILS                   |            | Primary Species                  | <i>Pinus contorta</i>             |
| LFH Layer               | 4          | Secondary Species                | <i>Picea glauca x engelmannii</i> |
| Humus Form              | moder      | % Canopy Closure                 | 45                                |
| Soil Order              | Brunisolic | Treatment Type                   | none                              |
| Moisture Regime         | subxeric   | Year of Treatment                | n/a                               |
| Nutrient regime         | medium     | TREE AND FUEL CALCULATIONS       |                                   |
| Texture                 | sandy loam | Average Tree Height (m)          | 28.01                             |
| % Mineral Soil Exposure | 0s         | Average Height to Live Crown (m) | 7.07                              |
| CREW LIST               |            | Coarse Woody Debris Mass (t/ha)  | 55.6                              |
| LP, LL, KN              |            | Fine Fuel Mass (t/ha)            | 2.14                              |

| VEGETATION COVER  |                                |    |                                |    |  |
|-------------------|--------------------------------|----|--------------------------------|----|--|
|                   | Brush Species                  | %  | Herbaceous Species             | %  |  |
| Primary Species   | <i>Arctostaphylos uva-ursi</i> | 25 | <i>Calamagrostis rubescens</i> | 30 |  |
| Secondary Species | <i>Vaccinium membranaceum</i>  | 10 | <i>Cornus canadensis</i>       | 20 |  |
| Tertiary Species  | <i>Ribes lacustre</i>          | 5  | <i>Pyrola chlorantha</i>       | 5  |  |

| VEGETATION               |   |                                |           |                                               |        |
|--------------------------|---|--------------------------------|-----------|-----------------------------------------------|--------|
| Past Unique #:           |   | 91-5-07-001-3                  |           | New Unique #:                                 |        |
| GPS coordinates:         |   | N50-48.619' W121-44.152'       |           | Surveyors:                                    |        |
| Location:                |   | Tom Cole FSR - 9.75 km         |           |                                               |        |
|                          |   |                                |           | Map#:                                         | 921082 |
| Mosses %                 |   | 30                             | Lichens % |                                               | 0      |
|                          |   |                                |           |                                               |        |
| Seedling species         | % | Brush species                  | %         | Herbaceous species                            | %      |
| <i>Picea engelmannii</i> | 3 | <i>Arctostaphylos uva-ursi</i> | 25        | <i>Calamagrostis rubescens</i>                | 30     |
| <i>Picea glauca</i>      | 3 | <i>Vaccinium scoparium</i>     | 10        | <i>Cornus canadensis</i>                      | 20     |
|                          |   | <i>Shepherdia canadensis</i>   | 5         | <i>Pyrola chlorantha</i>                      | 5      |
|                          |   | <i>Ribes lacustre</i>          | 5         | <i>Lupinus acticus</i>                        | 5      |
|                          |   | <i>Lonicera involucrata</i>    | 5         | <i>Equisetum arvense</i>                      | 5      |
|                          |   |                                |           | <i>Aster conspicuus</i>                       | 4      |
|                          |   |                                |           | <i>Epilobium angustifolium</i>                | <5     |
|                          |   |                                |           | <i>Petasites frigidus</i> var <i>plamatus</i> | <5     |
|                          |   |                                |           | <i>Fragaria virginiana</i>                    | <5     |
|                          |   |                                |           | <i>Streptopus amplexifolius</i>               | <5     |

| TREE TALLY                   |          |            |              |            |       |            |
|------------------------------|----------|------------|--------------|------------|-------|------------|
| Tree Species                 | Dominant | Codominant | Intermediate | Suppressed | Regen | Snag Count |
| <i>Pseudotsuga menziesii</i> | 1        | 0          | 0            | 0          | 0     | 0          |
| <i>Pinus contorta</i>        | 0        | 0          | 8            | 5          | 0     | 1          |
| <i>Picea engelmannii</i>     | 0        | 4          | 3            | 2          | 0     | 0          |

LOCATION: Tom Cole FSR

**Photo Fuel Plot # 98-5-07-002-1**



Post 1



Post 2



Post 3

| ECOLOGY                 |            | PLOT SUMMARY                     |                              |
|-------------------------|------------|----------------------------------|------------------------------|
| Aspect                  | north      | Location                         | Tom Cole FSR                 |
| Slope (%)               | 10         | GPS Coordinates                  | N50-48.545' W121-42.975'     |
| Elevation (m)           | 1523       | Map sheet                        | 92I082                       |
| Fuel Type               | C3         | Polygon #                        | 943                          |
| Bigeoclimatic Zone      | MSxk       | FOREST COVER SUMMARY             |                              |
| SOILS                   |            | Primary Species                  | <i>Picea engelmannii</i>     |
| LFH Layer               | 2          | Secondary Species                | <i>Pseudotsuga menziesii</i> |
| Humus Form              | moder      | % Canopy Closure                 | 70                           |
| Soil Order              | Brunisolic | Treatment Type                   | fuelbreak                    |
| Moisture Regime         | subxeric   | Year of Treatment                | 1990s                        |
| Nutrient regime         | poor       | TREE AND FUEL CALCULATIONS       |                              |
| Texture                 | sandy loam | Average Tree Height (m)          | 17.31                        |
| % Mineral Soil Exposure | 5          | Average Height to Live Crown (m) | 7.21                         |
| CREW LIST               |            | Coarse Woody Debris Mass (t/ha)  | 5.5                          |
| LP, LL, KN              |            | Fine Fuel Mass (t/ha)            | 0.15                         |

| VEGETATION COVER  |                                |    |                                |    |  |
|-------------------|--------------------------------|----|--------------------------------|----|--|
|                   | Brush Species                  | %  | Herbaceous Species             | %  |  |
| Primary Species   | <i>Arctostaphylos uva-ursi</i> | 30 | <i>Calamagrostis rubescens</i> | 50 |  |
| Secondary Species | <i>Vaccinium membranaceum</i>  | 15 | <i>Pyrola chlorantha</i>       | 5  |  |
| Tertiary Species  | <i>Linnaea borealis</i>        | 15 | <i>Epilobium angustifolium</i> | <5 |  |

| VEGETATION        |  |                          |  |                                 |  |
|-------------------|--|--------------------------|--|---------------------------------|--|
| Past Unique #:    |  | 91-5-07-001-3            |  | New Unique #:                   |  |
| GPS coordinates:  |  | N50-48.619' W121-44.152' |  | Surveyors:                      |  |
| Location:         |  | Tom Cole FSR - 9.75 km   |  |                                 |  |
|                   |  |                          |  | Map#:                           |  |
| Mosses %          |  | 30                       |  | 92I082                          |  |
|                   |  |                          |  | Lichens %                       |  |
|                   |  |                          |  | 0                               |  |
|                   |  |                          |  |                                 |  |
| Seedling species  |  | %                        |  | Brush species                   |  |
|                   |  |                          |  | %                               |  |
| Picea engelmannii |  | 3                        |  | Arctostaphylos uva-ursi         |  |
| Picea glauca      |  | 3                        |  | Vaccinium scoparium             |  |
|                   |  |                          |  | Shepherdia canadensis           |  |
|                   |  |                          |  | Ribes lacustre                  |  |
|                   |  |                          |  | Lonicera involucrata            |  |
|                   |  |                          |  | Aster conspicuus                |  |
|                   |  |                          |  | Epilobium angustifolium         |  |
|                   |  |                          |  | Petasites frigidus var plamatus |  |
|                   |  |                          |  | Fragaria virginiana             |  |
|                   |  |                          |  | Streptopus amplexifolius        |  |

| TREE TALLY                   |          |            |              |            |       |            |
|------------------------------|----------|------------|--------------|------------|-------|------------|
| Tree Species                 | Dominant | Codominant | Intermediate | Suppressed | Regen | Snag Count |
| <i>Pinus contorta</i>        | 10       | 4          | 49           | 21         | 0     | 11         |
| <i>Pseudotsuga menziesii</i> | 0        | 0          | 6            | 1          | 0     | 0          |

LOCATION: Tom Cole FSR

**Photo Fuel Plot # 98-5-07-004-1**



Post 1



Post 2



Post 3

| ECOLOGY                 |            | PLOT SUMMARY                     |                              |
|-------------------------|------------|----------------------------------|------------------------------|
| Aspect                  | north      | Location                         | Tom Cole FSR - 9 km          |
| Slope (%)               | 5          | GPS Coordinates                  | N50-48.966' W121-43.816'     |
| Elevation (m)           | 1550       | Map sheet                        | 921.082                      |
| Fuel Type               | C3         | Polygon #                        | 934                          |
| Bigeoclimatic Zone      | MSxk       | FOREST COVER SUMMARY             |                              |
| SOILS                   |            | Primary Species                  | <i>Pseudotsuga menziesii</i> |
| LFH Layer               | 5          | Secondary Species                | <i>Pinus contorta</i>        |
| Humus Form              | mor        | % Canopy Closure                 | 60                           |
| Soil Order              | Brunisolic | Treatment Type                   | fuelbreak                    |
| Moisture Regime         | medium     | Year of Treatment                | 1990s                        |
| Nutrient regime         | submesic   | TREE AND FUEL CALCULATIONS       |                              |
| Texture                 | sandy loam | Average Tree Height (m)          | 25.18                        |
| % Mineral Soil Exposure | 5          | Average Height to Live Crown (m) | 12.22                        |
| CREW LIST               |            | Coarse Woody Debris Mass (t/ha)  | 1.8                          |
| LP, LL, KN              |            | Fine Fuel Mass (t/ha)            | 0.30                         |

| VEGETATION COVER  |                                |    |                                |    |
|-------------------|--------------------------------|----|--------------------------------|----|
|                   | Brush Species                  | %  | Herbaceous Species             | %  |
| Primary Species   | <i>Vaccinium membranaceum</i>  | 10 | <i>Calamagrostis rubescens</i> | 60 |
| Secondary Species | <i>Vaccinium scoparium</i>     | 5  | <i>Arnica cordifolia</i>       | 15 |
| Tertiary Species  | <i>Arctostaphylos uva-ursi</i> | 5  | <i>Orthilia secunda</i>        | 10 |

| VEGETATION            |  |                          |  |                          |  |
|-----------------------|--|--------------------------|--|--------------------------|--|
| Past Unique #:        |  | 91-5-07-004-1            |  | New Unique #:            |  |
| GPS coordinates:      |  | N50-48.966' W121-43.816' |  | Surveyors:               |  |
| Location:             |  | Tom Cole FSR - 9km       |  |                          |  |
|                       |  |                          |  | Map#:                    |  |
| Mosses %              |  | 40                       |  | Lichens %                |  |
|                       |  |                          |  | 921082                   |  |
|                       |  |                          |  | 5                        |  |
|                       |  |                          |  |                          |  |
| Seedling species      |  | %                        |  | Brush species            |  |
| Pseudotsuga menziesii |  | 5                        |  | Vaccinium membranace-    |  |
| Picea engelmannii     |  | <5                       |  | Vaccinium scoparium      |  |
|                       |  |                          |  | Alnus crispa ssp. sitch- |  |
|                       |  |                          |  | Spiraea betulifolia      |  |
|                       |  |                          |  | Rosa gymnocarpa          |  |
|                       |  |                          |  | Linnaea borealis         |  |
|                       |  |                          |  | Paxistima myrsinites     |  |
|                       |  |                          |  | Arctostaphylos uva-ursi  |  |
|                       |  |                          |  | Herbaceous species       |  |
|                       |  |                          |  | Calamagrostis rubescens  |  |
|                       |  |                          |  | Arnica cordifolia        |  |
|                       |  |                          |  | Orthilia secunda         |  |
|                       |  |                          |  | Aster conspicuus         |  |
|                       |  |                          |  | Aster foliaceus          |  |
|                       |  |                          |  | Chimaphila umbellata     |  |
|                       |  |                          |  | Goodyera oblongifolia    |  |
|                       |  |                          |  | Lilium columbianum       |  |

| TREE TALLY                   |         |          |            |              |            |       |            |
|------------------------------|---------|----------|------------|--------------|------------|-------|------------|
| Tree Species                 | Veteran | Dominant | Codominant | Intermediate | Suppressed | Regen | Snag Count |
| <i>Pseudotsuga menziesii</i> | 1       | 5        | 0          | 0            | 0          | 0     | 0          |
| <i>Pinus contorta</i>        | 0       | 2        | 8          | 2            | 1          | 0     | 1          |

LOCATION: Tom Cole FSR

**Photo Fuel Plot # 98-5-07-004-2**



Post 1



Post 2



Post 3

| ECOLOGY                 |            | PLOT SUMMARY                     |                              |
|-------------------------|------------|----------------------------------|------------------------------|
| Aspect                  | north      | Location                         | Tom Cole FSR - sky stop 7    |
| Slope (%)               | 35         | GPS Coordinates                  | N50-48.684' W121-43.389'     |
| Elevation (m)           | 1589       | Map sheet                        | 921082                       |
| Fuel Type               | C3         | Polygon #                        | 943                          |
| Bigeoclimatic Zone      | MSxk       | FOREST COVER SUMMARY             |                              |
| SOILS                   |            | Primary Species                  | <i>Pinus contorta</i>        |
| LFH Layer               | 10         | Secondary Species                | <i>Pseudotsuga menziesii</i> |
| Humus Form              | mor        | % Canopy Closure                 | 70                           |
| Soil Order              | Brunisolic | Treatment Type                   | fuelbreak                    |
| Moisture Regime         | submesic   | Year of Treatment                | 1990s                        |
| Nutrient regime         | medium     | TREE AND FUEL CALCULATIONS       |                              |
| Texture                 | sandy loam | Average Tree Height (m)          | 24.2                         |
| % Mineral Soil Exposure | 5          | Average Height to Live Crown (m) | 18.53                        |
| CREW LIST               |            | Coarse Woody Debris Mass (t/ha)  | 8.2                          |
| LP, LL, KN              |            | Fine Fuel Mass (t/ha)            | 0.25                         |

| VEGETATION COVER  |                                  |    |                             |    |
|-------------------|----------------------------------|----|-----------------------------|----|
|                   | Brush Species                    | %  | Herbaceous Species          | %  |
| Primary Species   | <i>Spiraea betulifolia</i>       | 15 | <i>Arnica cordifolia</i>    | 15 |
| Secondary Species | <i>Alnus crispa spp. sinuata</i> | 10 | <i>Chimaphila umbellata</i> | 5  |
| Tertiary Species  | <i>Arctostaphylos uva-ursi</i>   | 5  | <i>Pyrola chlorantha</i>    | <5 |

| VEGETATION                   |                                            |                                  |               |                                |               |
|------------------------------|--------------------------------------------|----------------------------------|---------------|--------------------------------|---------------|
| Past Unique #:               |                                            | 91-5-07-004-2                    | New Unique #: |                                | 98-5-07-004-2 |
| GPS coordinates:             |                                            | N50-48.684' W121-43.389'         |               | Surveyors:                     | LP, KN, LL    |
| Location:                    | Tom Cole FSR - left at sky stop 7 junction |                                  |               |                                |               |
|                              |                                            |                                  |               | Map#:                          | 92I082        |
| Mosses %                     |                                            | 25                               | Lichen %      |                                | 20            |
|                              |                                            |                                  |               |                                |               |
| Seedling species             | %                                          | Brush species                    | %             | Herbaceous species             | %             |
| <i>Pseudotsuga menziesii</i> | 10                                         | <i>Spiraea betulifolia</i>       | 15            | <i>Arnica cordifolia</i>       | 15            |
|                              |                                            | <i>Alnus crispa ssp. sinuata</i> | 10            | <i>Chimiphila umbellata</i>    | 5             |
|                              |                                            | <i>Arctostaphylos uva-ursi</i>   | 5             | <i>Pyrola chlorantha</i>       | <5            |
|                              |                                            | <i>Vaccinium membranaceum</i>    | <5            | <i>Calamagrostis rubescens</i> | <5            |
|                              |                                            | <i>Rosa gymnocarpa</i>           | <5            |                                |               |

| TREE TALLY        |                              |          |            |              |            |       |            |
|-------------------|------------------------------|----------|------------|--------------|------------|-------|------------|
|                   | Tree Species                 | Dominant | Codominant | Intermediate | Suppressed | Regen | Snag Count |
| Primary Species   | <i>Pinus contorta</i>        | 1        | 3          | 60           | 13         | 0     | 11         |
| Secondary Species | <i>Pseudotsuga menziesii</i> | 0        | 0          | 9            | 1          | 0     | 0          |
| Tertiary Species  |                              |          |            |              |            |       |            |

LOCATION: Tom Cole FSR

**Photo Fuel Plot # 98-5-07-004-3**



Post 1



Post 2



Post 3

| ECOLOGY                 |            | PLOT SUMMARY                     |                              |
|-------------------------|------------|----------------------------------|------------------------------|
| Aspect                  | north      | Location                         | Tom Cole FSR - sky           |
| Slope (%)               | 35         | GPS Coordinates                  | N50-48.669'                  |
| Elevation (m)           | 1418       | Map sheet                        | 921082                       |
| Fuel Type               | C3         | Polygon #                        | 943                          |
| Bigeoclimatic Zone      | MSxx       | FOREST COVER SUMMARY             |                              |
| SOILS                   |            | Primary Species                  | <i>Pinus contorta</i>        |
| LFH Layer               | 7          | Secondary Species                | <i>Pseudotsuga menziesii</i> |
| Humus Form              | moder      | % Canopy Closure                 | 70                           |
| Soil Order              | Brunisolic | Treatment Type                   | fuelbreak                    |
| Moisture Regime         | submesic   | Year of Treatment                | 1990s                        |
| Nutrient regime         | medium     | TREE AND FUEL CALCULATIONS       |                              |
| Texture                 | sandy loam | Average Tree Height (m)          | 25.21                        |
| % Mineral Soil Exposure | 0          | Average Height to Live Crown (m) | 15.48                        |
| CREW LIST               |            | Coarse Woody Debris Mass (t/ha)  | 19.5                         |
| LP, LL, KN              |            | Fine Fuel Mass (t/ha)            | 0.39                         |

| VEGETATION COVER  |                                  |    |                                |    |
|-------------------|----------------------------------|----|--------------------------------|----|
|                   | Brush Species                    | %  | Herbaceous Species             | %  |
| Primary Species   | <i>Alnus crispa spp. Sinuate</i> | 20 | <i>Arnica cordifolia</i>       | 15 |
| Secondary Species | <i>Spiraea betulifolia</i>       | 5  | <i>Orthilia secunda</i>        | 10 |
| Tertiary Species  | <i>Vaccinium scoparium</i>       | 5  | <i>Calamagrostis rubescens</i> | 5  |

| VEGETATION            |                           |                          |                              |               |                         |
|-----------------------|---------------------------|--------------------------|------------------------------|---------------|-------------------------|
| Past Unique #:        |                           | 91-5-07-004-3            |                              | New Unique #: |                         |
|                       |                           |                          |                              | 98-5-07-004-3 |                         |
| GPS coordinates:      |                           | N50-48.669' W121-43.440' |                              | Surveyors:    |                         |
|                       |                           |                          |                              | LP, LL, KN    |                         |
| Location:             | Tom Cole FSR - Sky Stop 7 |                          |                              |               |                         |
|                       |                           |                          |                              | Map#:         |                         |
|                       |                           |                          |                              | 92I082        |                         |
| Mosses %              |                           | 40                       |                              |               | Lichens %               |
|                       |                           |                          |                              |               | 30                      |
|                       |                           |                          |                              |               |                         |
| Seedling species      |                           | %                        | Brush species                | %             | Herbaceous species      |
|                       |                           |                          |                              |               | %                       |
| Pseudotsuga menziesii |                           | 5                        | Alnus crispa ssp. sitchensis | 20            | Arnica cordifolia       |
|                       |                           |                          | Spiraea betulifolia          | 5             | Orthila secunda         |
|                       |                           |                          | Vaccinium scoparium          | 5             | Calamagrostis rubescens |
|                       |                           |                          | Linnaea borealis             | 5             | Aster conspicuus        |
|                       |                           |                          | Shepherdia canadensis        | <5            | Aster foliaceus         |
|                       |                           |                          |                              | <5            | <5                      |

| TREE TALLY                   |          |            |              |            |       |            |
|------------------------------|----------|------------|--------------|------------|-------|------------|
| Tree Species                 | Dominant | Codominant | Intermediate | Suppressed | Regen | Snag Count |
| <i>Pinus contorta</i>        | 3        | 26         | 7            | 3          | 0     | 1          |
| <i>Pseudotsuga menziesii</i> | 0        | 1          | 1            | 0          | 0     | 0          |

LOCATION: Tom Cole FSR

**Photo Fuel Plot # 98-5-07-005-1**



Post 1



Post 2

| ECOLOGY                 |            | PLOT SUMMARY                     |                           |
|-------------------------|------------|----------------------------------|---------------------------|
| Aspect                  | north      | Location                         | Tom Cole FSR - sky stop 4 |
| Slope (%)               | <5         | GPS Coordinates                  | N50-49.533' W121-44.900'  |
| Elevation (m)           | 1286       | Map sheet                        | 92I082                    |
| Fuel Type               | C3         | Polygon #                        | 1008                      |
| Bigeoclimatic Zone      | MSxx       | FOREST COVER SUMMARY             |                           |
| SOILS                   |            | Primary Species                  | <i>Pinus contorta</i>     |
| LFH Layer               | 8          | Secondary Species                | <i>Picea engelmannii</i>  |
| Humus Form              | mor        | % Canopy Closure                 | 16                        |
| Soil Order              | Brunisolic | Treatment Type                   | logged                    |
| Moisture Regime         | submesic   | Year of Treatment                | 1990                      |
| Nutrient regime         | medium     | TREE AND FUEL CALCULATIONS       |                           |
| Texture                 | sandy loam | Average Tree Height (m)          | 28.38                     |
| % Mineral Soil Exposure | 3          | Average Height to Live Crown (m) | 17.68                     |
| CREW LIST               |            | Coarse Woody Debris Mass (t/ha)  | 45.8                      |
| LP, LL, KN              |            | Fine Fuel Mass (t/ha)            | 0.76                      |

| VEGETATION COVER  |                                |    |                          |    |
|-------------------|--------------------------------|----|--------------------------|----|
|                   | Brush Species                  | %  | Herbaceous Species       | %  |
| Primary Species   | <i>Arctostaphylos uva-ursi</i> | 25 | <i>Aster conspicuus</i>  | 15 |
| Secondary Species | <i>Shepherdia canadensis</i>   | 5  | <i>Arnica cordifolia</i> | 15 |
| Tertiary Species  | <i>Rosa nutkana</i>            | <5 | <i>Cornus canadensis</i> | 10 |

| VEGETATION            |  |                           |  |                         |  |
|-----------------------|--|---------------------------|--|-------------------------|--|
| Past Unique #:        |  | 91-5-07-005-1             |  | New Unique #:           |  |
| GPS coordinates:      |  | N50-49.533' W121-44.900'  |  | Surveyors:              |  |
| Location:             |  | Tom Cole FSR - sky stop 4 |  |                         |  |
|                       |  |                           |  | Map#:                   |  |
| Mosses %              |  | 40                        |  | 92I082                  |  |
|                       |  |                           |  | Lichens %               |  |
|                       |  |                           |  | 45                      |  |
|                       |  |                           |  |                         |  |
| Seedling species      |  | %                         |  | Brush species           |  |
| %                     |  | %                         |  | Herbaceous species      |  |
| Pseudotsuga menziesii |  | 15                        |  | Arctostaphylos uva-ursi |  |
|                       |  | 25                        |  | Aster conspicuus        |  |
|                       |  | 5                         |  | Arnica cordifolia       |  |
|                       |  | Rosa nutkana              |  | Cornus canadensis       |  |
|                       |  | <5                        |  | 10                      |  |
|                       |  | Acer glabrum              |  | Goodyera oblongifolia   |  |
|                       |  | <5                        |  | 5                       |  |
|                       |  | Viburnum edule            |  | Pyrola chlorantha       |  |
|                       |  | <5                        |  | 5                       |  |
|                       |  | Osmorhiza chilensis       |  | <5                      |  |

| TREE TALLY        |                              |          |            |              |            |       |            |
|-------------------|------------------------------|----------|------------|--------------|------------|-------|------------|
|                   | Tree Species                 | Dominant | Codominant | Intermediate | Suppressed | Regen | Snag Count |
| Primary Species   | <i>Pinus contorta</i>        | 3        | 21         | 10           | 8          | 0     | 3          |
| Secondary Species | <i>Picea engelmannii</i>     | 0        | 0          | 2            | 0          | 1     | 0          |
| Tertiary Species  | <i>Pseudotsuga menziesii</i> | 1        | 4          | 4            | 1          | 0     | 0          |