# Vegetation Map
## 082L036

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRIMS / Ownership
Base Map Source: TRIM / Tantalis

This map is created from information on-line digitally in the BC Geographic Warehouse. The map has been produced to the standards of use of the Province of British Columbia. All rights reserved. Province of British Columbia. The accompanying portrayal may not be complete and up to date Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. Crown ownership does not...

Labels Projected To: January 1, 2016

### MAP SYMBOLOGY

**Forest Inventory Features**
- Forest Vegetation Polygons
- Denudes Opening or Vegetation
- Permanent Sample Plot (SITE)
- Research Installations

**TRIM_Base Features**
- Ice And Rivers
- Forest Tenure Road Lines
- Permit Roads
- Rough Tracks
- Trails/Cutlines
- Railways
- Aiff strips
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrodrainlines - ESRI
- Watercourses - ESRI
- Waterbodies - ESRI
- Wetlands - ESRI
- Ocean - ESRI

**Administrative Boundaries**
- BC Provincial Boundary
- DND/LAND Region boundary
- Resource District boundary - FADM
- BEC Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licences - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (1:1 000 000 Incl. 11% hatch)
- Municipal boundary (1:1 000 000 Incl. no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

**Other:**
- BCGS Wrapsheet Grid (1:20,000)

## VEGETATION LABEL DETAILS

**Example of a Vegetation Label:**

LINE DESCRIPTION
1. Structure symbol and Opening Number
2. Polygon Number (multiple polygons will be labeled 1,2)
3. Species Composition
e.g. the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4. Age Class (1 = 0-40 yrs, 2 = 41-80 yrs, 3 = 81-120 yrs, 4 = 121-140 yrs, 5 = 141-250 yrs, 6 = 251+ yrs)
eg. stand is age class 2 (21-40 yrs), height class 1 (0.1-10 m), crown closure class 1 (5-10%), SI 20m
5. Vegetated Density Class (or Non Forest/Productive Description)
Up=Upland Forest Sparsely Vegetated, Shrubs and graminoids, shrubs less that 2m.
6. Disturbance History (Line 4) - eg. Logged in 1978

**Line 1 - History Record Opening Number**
- opening number valid for BCGS mapsheet
- opening number has not been assigned

**Line 2 - Polygon No. ( Multi-layer )**
VRIMS Polygon Number - ranging from one to nine digits
1. Multi-layered stand (a separate description of each layer is available in the data base, i.e. 1,2)

**Line 3 - BC Tree Codes List**
Species Composition Symbols are labeled in their order of predominance. Major first Minor in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.5 dated January 2005.

**NATIVE CONIFERS**

| | |
|---|---|
| B | BALSAM |
| C | WESTERN RED CEDAR |
| D | DOUGLAS FIR |
| E | ENGELMANN SPRUCE |
| F | SUBALPINE FIR |
| G | GRAND FIR |
| H | WESTERN HEMLOCK |
| J | ROCKY MOUNTAIN JUNIPER |
| K | BLACK COTTONWOOD or POPLAR |
| L | SUBALPINE LARCH |
| P | LODGEPOLE PINE |
| PA | WHITEBARK PINE |
| PF | LIMBER PINE |
| PJ | JACK PINE |
| PL | SCOTS PINE |
| PR | RED PINE |
| PW | WESTERN WHITE PINE |
| PY | PONDEROSA PINE |
| S | WHITE SPRUCE |
| SB | BLACK SPRUCE |
| SE | SITKA SPRUCE |
| SS | SITKA SPRUCE x WHITE SPRUCE HYBRID |
| SW | WHITE SPRUCE |
| T | MOUNTAIN HEMLOCK |
| V | YELLOW CEDAR |
| X | OTHER CONIFER |
| Y | PACIFIC YEW |

**NATIVE HARDWOODS**

| | |
|---|---|
| D | ALDER |
| AC | BLACK COTTONWOOD or POPLAR |
| AT | ASPEN |
| M | PACIFIC CRAB APPLE |
| MB | BIRCH |
| MV | VINE MAPLE |
| R | RED ALDER |
| RA | BLACK COTTONWOOD or POPLAR |
| V | BIGLEAF MAPLE |
| W | BLACK HAWTHORN |
| WA | BLACK COTTONWOOD |
| WB | BALSAM POPLAR |
| WC | BLACK COTTONWOOD |
| WD | BLACK COTTONWOOD or POPLAR |
| WE | TREMBLING ASPEN |
| WH | PACIFIC DOGWOOD |
| WI | CHOKE CHERRY |
| WJ | BLACK HAWTHORN |
| WK | CASCARA |
| WL | OREGON ASH |
| WM | MAPLE |
| WN | WESTERN CRABAPPLE |
| WP | BIRCH |
| WQ | BITTER CHERRY |
| WR | CHOKE CHERRY |
| WS | SITKA WILLOW |
| WT | BLACK HAWTHORN |
| WU | PACIFIC DOGWOOD (western flowering) |
| WV | BLACK COTTONWOOD |
| WW | HAWTHORN (Introduced) |
| WX | OAK |
| WY | WESTERN YEW |
| XC | HILLS' OAK |
| XH | BAKE'S WILLOW |
| XP | PEACHLEAF WILLOW (Banksian) |
| XS | PEACHLEAF WILLOW (Lance-leaved) |
| XW | SCOULER'S WILLOW |
| XX | WILLOW (Undifferentiated) |

**UNKNOWN / OTHER**

| | |
|---|---|
| Z | UNKNOWN |
| ZC | CONIFER BROADLEAF |
| ZD | UNKNOWN HARDWOOD |
| ZE | OTHER (Hard Non-Tree) |
| ZF | FIR |
| ZG | Other Hardwood |

**EXOTICS**

| | |
|---|---|
| AP | APPLE |
| AX | EXOTIC |
| AXPE | BLACK COTTONWOOD or POPLAR |
| AY | Southern Cottonwood |
| BG | Grand Fir |
| BL | Subalpine Fir (Alpine) |
| BM | Balsam Bonn |
| BP | Noble Fir |
| C | Western Red Cedar |
| CYPRESS | CYPRESS |
| CW | Western Red Cedar |
| DF | Douglas Fir |
| EP | Engelmann Spruce |
| HM | Mountain Hemlock |
| HW | Western Hemlock |
| LA | Subalpine Larch |
| LW | Western Larch |
| MB | Bog Birch |
| MM | Mountain Maple |
| MV | Vine Maple |
| OA | Oregon Oak |
| OB | Garry Oak |
| OCYPRESS | Cypress |
| OL | Incense Cedar |
| OM | Monterey Cedar |
| OP | Grand Fir |
| OQ | Coast Redwood |
| OR | European Mountain Ash |
| OS | Sitka Mountain Ash |
| OT | Common Pear |
| OU | Douglas Maple |
| OV | White Ash |
| OW | Black Walnut / Hickory |
| OX | Tree of Heaven |
| OY | Japanese Flowering Cherry |
| PA | Red Pine |
| PC | Shore Pine |
| PS | Stone Pine |
| SF | Silver Fir |
| SI | Norway Spruce |

**Line 4**

**4a. AGE CLASS**

| CODE | LIMITS (years) |
|---|---|
| 1 | 1-20 |
| 2 | 21-40 |
| 3 | 41-80 |
| 4 | 81-120 |
| 5 | 121-140 |
| 6 | 141-250 |
| 7 | 251 + |

**4b SITE INDEX**
Site index is the mature metric veteran at 50 years. Mature Site Index (SI) is based on the age and height of the leading species. When an accurate SI cannot be obtained from the above sources, an estimated SI may be assigned.

**4c. HEIGHT CLASS**

| CODE | LIMITS (metres) |
|---|---|
| 1 | 0.1 - 10.4 |
| 2 | 10.5 - 19.4 |
| 3 | 19.5 - 28.4 |
| 4 | 28.5 - 37.4 |
| 5 | 37.5 - 46.4 |
| 6 | 46.5 - 55.4 |
| 7 | 55.5 - 64.4 |
| 8 | 65.5 + |

**4d. ESTIMATED SITE INDEX**
Estimated site index is the site index at 50 years based on present, e.g. leading species is Fd, estimated SI is a stand which shows evidence of associated Hw/Hm in the bridge trees we inventory, then the estimated SI will be Hw/Hm.

**4e. CROWN CLOSURE CLASS**

| CODE | LIMITS (percentage) |
|---|---|
| 1 | 5 - 10 |
| 2 | 11 - 15 |
| 3 | 16 - 25 |
| 4 | 26 - 35 |
| 5 | 36 - 45 |
| 6 | 46 - 55 |
| 7 | 56 - 65 |
| 8 | 66 - 75 |
| 9 | 76 - 85 |
| 10 | 86 - 100 |

**Line 5 - Vegetation records**

**TREE TYPED NON-TREE CATEGORIES** (for V and I percentile)

**NON-TREED SHRUB**
- SA SHRUB - shrub with average shrub height < or = to two metres
- SH SHRUB TALL - shrub with average shrub height > 2 metres

**NON-TREED HERB**
- H HERB - herb with no distinction between forbs and graminoids
- HF FORB - herb with less > 50% other herb cover
- HG GRAMINOID - herb with > 50% graminoid herb cover

**NON-TREED SHRUB**
- SP SHRUB - shrub with no distinction between massive and bottlebrush form
- SPHGSS SHRUB - HERB - mixed shrub herb with between 10% and 50% of the total cover
- SPHGSS - HERB - mixed shrub herb with > 50% of the total cover

**NON-VEGETATED CATEGORIES** (Non V and I percentile)

| | | | | | |
|---|---|---|---|---|---|
| AP | AIRPORT | GR | GRAVEL PIT | RM | RIVER/STREAM MARSH |
| BE | BEACH | IC | ICE | RO | RIVER/STREAM OTHER |
| BU | BUILDING | L | LAKE/RES | RS | RIVER/STREAM SWAMP |
| CL | CLEARING | LA | LANDING | RZ | RIVER/STREAM SWAMP/MARSH |
| CU | CULTIVATED | LS | POND or LAKE SEDIMENTS | S | TAILUS |
| DU | DUMP | MU | MUSKEG - UNTREED | SN | SNOW COVER |
| EA | EARTHEN EMBANKMENT | OT | OTHER | UR | URBAN |
| RO | ROCKBLUFF | RI | RIVER / STREAM | | |

**NON - FOREST / NON-PRODUCTIVE DESCRIPTIONS** (for V and I percentile)

| | | | |
|---|---|---|---|
| AF | ALPINE/ALPINE FOREST Species | MB | MUSKEG - BRUSH |
| AT | ALPINE TUNDRA | MF | MUSKEG - FOREST |
| CL | CLAY BANKS | MFT | MUSKEG - FOREST / Stunted |
| G | GRAVEL BAR | NPB | NON-PRODUCTIVE BRUSH |
| GL | GLACIER | NPBR | NON-PRODUCTIVE BRUSH/ROCK |
| LS | LOW SCRUB | NPR | NON-PRODUCTIVE ROCK |
| MA | MARSH | NPT | NON-PRODUCTIVE TREED |
| MUD | MUDFLAT | S | SWAMP |
| | | SAND | SAND |
| | | TIDE | TIDAL FLAT |
| | | W | WATER |

| | |
|---|---|
| NC | NON COMMERCIAL |
| NCB | NON COMMERCIAL BRUSH |
| NF | NON PRODUCTIVE |
| NFOREST | NON PRODUCTIVE FOREST |
| NTA | NOT TYPING AVAILABLE |

**Line 6 - Disturbance History**
Disturbance type code preceded by symbol, followed by earliest date.
First character of disturbance code designates category, refer to official code list for sub-category descriptions.

| | | | |
|---|---|---|---|
| A | Animal Damage | L | Logging |
| B | Biotic Damage | N | Non-Biological |
| C | Cone and Seed Insects | N | Non-Biological Injuries |
| D | Diseases | P | Cone and Seedling Fungal Pathogens |
| | Insects | R | Site Rehabilitation |
| | | S | Silvicultural |
| | | V | Damage Unknown |
| | | Y | Problem Vegetation |

**Example Opening History Details**

Detailed Silviculture information is available on the BCGW utilizing either MF or ArcMap. The MapView example is of Inverness RESULTS data.

The Ministry of Forests, Mines and Lands web application "Results" provides access to the BCGW silviculture information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for :

OPENING ID
OPENING LABELS
OPENING - PLANTING ACTIVITY
OPENING - TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH












Overflow Labels