Vegetation Map
082F092

BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

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 / Terrain5.

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support the needs of the Ministry of Forests, Lands, and Natural Resource Operations. The information represented includes forest cover inventory, administrative boundaries and the Ownership colour theme are for reference purposes only. Logged / seeded June 2012

Lat&Lon Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Feature:
- Forest Vegetation Polygons
- Stockable Opening in Vegetation
- Permanent Sample Plot (1/10)
- Research Installations

TRIM - Base Feature:
- 4x4 Roads
- Paved Secure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Aqf Airstrips
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Inundated Areas - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- FLNRO Region boundary
- Resource District boundary - FADM
- Aac Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrain
- Terrain Boundary (1:1,000,000 ha - 1% hatch)
- Terrain Boundary (1:1,000,000 ha) - 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 Silviculture symbol and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
4 Age, Height, Crown Closure (main layer is described as Fd (Douglas Fir) and Hw (Western Hemlock)
4 Age, Height, Crown Closure Class Code - respectively: Site Index / estimated SI
ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 5 (6-15%), SI 20m
5 Inventory type group - ex. Logged and Burned (1978)
ex. a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex. Logged in 1978

Line 1 - History Record Opening Number
Opening number refer to BCGS mapsheet — *NOTE - opening numbers has not been assigned*

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

Line 3 - BC Tree Code List
Species Composition: Species 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 2009.

NATIVE CONIFERS
- CDF Cedar
- Cw Western Red Cedar
- Ep Pacific Silver Fir
- Yc Yellow Cedar
- Fd Douglas Fir
- Pw Western White Pine
- Pl Lodgepole Pine
- Ss Sitka Spruce
- B Fir (Balsam)
- Sx Hybrid Spruce
- Sw Engelmann Spruce
- Bg Grand Fir
- Bl Subalpine Fir (alpine)
- Lw Western Larch
- Hw Western Hemlock
- Hm Mountain Hemlock
- Pa WHITEBARK PINE/LIMBER PINE/KRAUSS' PINE
- Py WHITEBARK PINE
- Jr Eastern Juniper
- Jw Western Juniper
- Lt Alpine Larch
- Lt Tamarack
- Lt Subalpine Larch
- Pf PINE
- Pj Jack Pine
- Pk Knobcone Pine
- Pl Lodgepole Pine
- Pli Lodgepole x Jack Pine (interior)
- Plj Lodgepole x Jack Pine hybrid
- Pp Ponderosa Pine
- Pq Shore Pine (coastal)
- Pw Western White Pine
- Pyc Ponderosa Pine
- SPRUCE
- Sb Black Spruce
- Sxw White Spruce
- Sxl Utter Spruce
- Sr Silver Spruce
- Sxb Black x White
- Sxl Engelmann x White
- Sxs Sitka x Unknown hybrid
- Ss Sitka
- Yp Western Yew

NATIVE HARDWOODS
- A ALDER
- Dr Red Alder
- Ac Sitka Alder
- Ep Pacific Crab Apple
- a ASPEN, COTTONWOOD or POPLAR
- At Aspen
- Ae Aspen Poplar
- Ap Balsam Poplar
- Ac Hybrid Poplars
- Ab Black Cottonwood
- Ba WILLOW
- Ba Willow
- Bb Bebb Willow
- Bm Alaska Paper Birch
- Bpp Alaska x Paper Birch hybrid
- Bp Paper Birch
- Bm Alaska Birch
- Bb Bebb Willow
- Cc Cascara
- Dg Dogwood
- Ch Bitter Cherry
- Ch Choke Cherry
- Ep Pacific Crab Apple
- D DOGWOOD
- Dp Pacific Dogwood (western flowering)
- Mb Mountain Ash
- Mt Rocky Mountain (rowbeff)
- Ma Sitka Maple
- Mv Vine Maple
- W WILLOW
- Wb Bebb's Willow
- Wp Pacific Willow
- Wr Peachleaf Willow (Booth's)
- Wrd Flaxleaf Willow (alpine leaved)
- Wsp Sitka Willow
- Wsl Silver Willow (lace leaved)

UNKNOWN - OTHER
- H unknown hardwood
- Ax unknown conifer
- Jh unknown hardwood
- Jx unknown conifer (control lab)
- Jo other conifers
- Jh other hardwood

EXOTICS
- AP1/2
- Ab/Ac COTTONWOOD or POPLAR
- Ba Southern Cottonwood
- BADU
- Bp Siberian Birch
- Bpu Asian Birch (downy)
- Bpv Asian Birch (warty)
- DAGWY
- Dr Pacific Dogwood
- EYREGG
- Fdc Rocky Mountain Douglas-fir
- Fdi "Pink Gilbert Dickie"
- Fdv Douglas-fir
- Lk Siberian Fir
- Nobpf Nobilis Fir
- Nobpf Nobilis Fir x Noble Fir
- Nobpx Fir
- Ll Larch
- Lla "Dahurian Larch
- Llk Japanese Larch
- MAPLE
- Mai Mountain Maple
- Mm Rocky Mountain Maple
- Mo Norway Maple
- OAK
- Qg Garry Oak
- Qr Northern Red Oak
- OTHER EXOTICS
- Ow Willow
- Ow Weeping Willow
- Ow Laurel Willow
- Ow Siberian Weeping Ash
- Ow Golden Weeping Willow
- Ow Common Pear
- Og Dragon Ash
- Ow Black Ash
- Ow Shanghai Peony
- Ow Tree of Heaven
- Ow Golden Raintree
- Ow Hackberry
- Ow Mulberry
- Pc Pear
- Pc "Red Pear"
- Pc "Bradford Pear"
- APPLE
- Pc "Honey Locust

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-60
4	61-80
5	81-100
6	101-120
7	121-140
8	141-250
9	251 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 16.4
3	16.5 - 25.4
4	26.5 - 37.4
5	37.5 - 48.4
6	48.5 - 59.4
7	59.5 - 70.4
8	70.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
2	0 - 5
3	6 - 15
4	16 - 25
5	26 - 35
6	36 - 45
7	46 - 55
8	56 - 65
9	66 - 75
A	76 - 85
B	86 - 100

4d SITE INDEX
Site Index is the mean stand height at 50 years breast height age. SI is based on the age and height of the dominant trees. SI is estimated from site class and age and height estimated from shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX
SI is estimated when current SI does accompanent, e.g. young stands (<40yrs), it is denoted by a slash through the SI. Site Index curves are based on the Species Composition Leading Species Site Group and SI estimated source code.

Line 5 - Vegetation Records

VEGETATED NON-TREE CATEGORIES - (for V and I codes)

NON-TREED SHRUB
- S SHRUB - LOW — shrub with average shrub height < or = to two metres.
- T SHRUB-TALL — shrub with average shrub height > than two metres.

NON-TREED HERB
- H HERB — herb with no distinction between forbs and graminoids.
- G GRAMINOID — herb with forbs < 50% of the herb cover.
- F FORB — herb with graminoids < 50% of the herb cover.

NON-TREED SHRUB-HERB
- HS HERB-SHRUB — treed with no distinction between trees and bittens by snow.
- SH SHRUB - HERB — treed with shrubs, herbaceous, and bunchgrass > 50% of the tryoid cover.

NON-VEGETATED CATEGORIES - (for V and I codes only)
- ae AIRPORT
- b BARREN
- c BOULDERFIELD
- bi BISMERON
- cb CLIFF/CLAREA
- cl CLITORIAN
- d EXPOSED SOILS
- ds DUNE
- g GRAVEL PIT
- h HAYFIELD
- l LANDING
- ls LANDING SEDIMENTS
- o OPEN PIT MINE
- sl SCRAND
- mu MUSKEAT SEGMENT
- o OCEAN
- ow OCEAN
- o OTHER
- r RIVER OR STREAM
- r RESERVOIR
- rr RIVER OR STREAM
- rm RESERVOIR MARGIN
- rs RIVER SEDIMENTS
- rs RIVER SEDIMENTS
- rs ROAD SURFACE
- s SNOW
- t TAILINGS
- u URBAN

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for I records)
- A ALPINE
- ALPINE FOREST (Garbage)
- AT ALPINE TUNDRA
- CL CLAY BANK
- CR CROPLAND
- GA GRASS-PVT
- KS KOPJOLD
- MU MUSKEG
- NOD NODULAR
- NP NON PRODUCTIVE
- NPB NON PRODUCTIVE BRUSH
- NPBS NON PRODUCTIVE BRUSH
- NPF NON PRODUCTIVE FOREST Spaces
- NPW NON PRODUCTIVE WILD
- OR OPEN RANGE
- P PASTELS
- R ROCK
- SAND SAND
- SF SALT FLAT
- TIDAL TIDAL
- NC NON COMMERCIAL
- NCBS NON COMMERCIAL BRUSH
- NP NONPRODUCTIVE
- NPS NON PRODUCTIVE STOCKED
- NPA NOT PREVIOUSLY MAPPED

Line 6 - Disturbance History

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

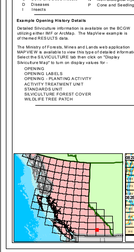
- A Animal Damage
- B Blowing
- C Cone and Seed Insects
- D Disease
- I Insects
- L Logging
- M Wild Drainage
- N Non-Biological Injuries
- P Cone and Seedling Fungal Pathogens
- R Fire Reforestation
- T Treatment Injuries
- U Damage Unknown
- V Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either (MAP or ArcMap). The MapView example is available through the VRIMS.

The VRIMS MAP tool is free, Windows and Lands web application. MAPVIEW is available to view this type of detailed information. Select the 6 SVICULTURE tab then click on "Display Silviculture Map" to turn on display values for -

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





Overflow Labels