Vegetation Map
093G033

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 1.0 Miles

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

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support the analytical functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information displayed on this map is not a substitute for the official land administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Structure Opening in Vegetation
- Permanent Sample Plot (1ha)
- Research Installations

TRIM, Base Features:
- 4x Build Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airf ields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrodischarge - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- FAIB Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (1:1,000,000 ha - 10 % hatch)
- Municipal boundary (1:1,000,000 ha) - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Mapsheet 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 Class Code - separator: Site Index (estimated SI ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), SI 20m
5 Vegetation Type - separator: Non-Vegetated descriptors
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 valid for BCGS mapsheet
none - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer
VRIMS Polygon Number - ranging from one to nine digits
L Multi-layered stand (a separate description of each layer is available in the data base, i.e. 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
- C YCEDR Yellow Cedar
- Cw Western Red Cedar
- E ENGMN
- Ys Yellow Cedar
- F DOUGLAS FIR
- Fd Coastal Douglas Fir
- Fdc Coastal Douglas Fir
- Fdi Interior Douglas Fir
- F IR (Balsam)
- Fb Subalpine Fir
- Bg Grand Fir
- B Subalpine Fir (alpine)
- H HEMLOCK
- Hm Mountain Hemlock
- Hw Western Hemlock
- Hxm Western x Western hemlock hybrid
- J ASPEN
- Jr Rocky Mtn. Juniper
- L LARCH
- Lt Tamarack
- Lw Western Larch
- P PINE
- Pj Jack Pine
- Pl Lodgepole Pine
- Plc Lodgepole Pine (interior)
- Plcp Lodgepole Pine (pinkish)
- Pp Ponderosa Pine (yellow)
- Pw White Pine
- Pwa Western White Pine
- Pxj Ponderosa x Jack Pine
- S SPRUCE
- Sb Black Spruce
- Se Engelmann Spruce
- Sx Hybrid Spruce
- Sw White Spruce
- Sxb Spruce hybrid
- Sxe Engelmann x White
- Sxl Sitka x White
- Sxs Sitka x unknown hybrid
- Y YEW
- Yw Western Yew

NATIVE HARDWOODS
- A ALDER
- Dr Red Alder
- Sa Sitka Alder
- Ep Paper Birch
- Ea Alaska x Paper Birch hybrid
- Ew Water Birch (white)
- Ep Paper Birch
- K CASCARA
- Ac CHERRY
- C CHERRY
- Cb Bitter Cherry
- Cc Choke Cherry
- Cw Pin Cherry
- D DOGWOOD
- Dr Pacific Dogwood (western flowering)
- M MAPLE
- Mb Bigleaf Maple (broadleaf)
- Mv Vine Maple
- O OAK
- Gb Garry Oak
- Or Oregon White
- Wb Black's Willow
- Wp Pacific Willow
- Wr Peachleaf Willow (bonsfoot)
- Wrf Pussy Willow (pole basset)
- Wy Scouler Willow
- Ws Sitka Willow (tea basset)

UNKNOWN - OTHER
- X unknown
- Xc unknown conifer
- Xh unknown hardwood
- Xl unknown (will not list)
- Zz other
- Zh other hardwood

EXOTICS
- APPLE
- Apple
- Ax Apple x COTTONWOOD or POPLAR
- Ch Chinchan Cottonwood
- BIRCH
- Ej European Birch
- Ex Birch (exact species)
- Ey Yellow Birch
- CHERRY
- Ce Sweet Cherry
- CYPRESS
- Ty Rnd Orford Cedar
- LARCH
- Le European Larch
- Lj Japanese Larch
- PINE
- Pa Austrian Pine
- Pf Scots Pine
- Pm Mugo Pine
- Pn Japanese Red Pe
- Pr Norway Pine
- LARCH
- Le European Larch
- Lj Japanese Larch
- PINE
- Pa Austrian Pine
- Pf Scots Pine
- Pm Mugo Pine
- Pn Japanese Red Pe
- Pr Norway Pine
- OAK
- Rp Northern Oak
- Qa Garry Oak
- OTHER EXOTICS
- Ch Chinchan
- Cm Cherry
- Cw Cedar
- Ge Green Ash
- Gr Oregon Ash
- Ht Hawthorn
- Ol Russian Olive
- Ot Tree of Heaven
- Wa Common Walnut
- PINE
- Pm Monterey Pine
- Pn Austrian Pine
- Pr Norway Pine
- Ps Scots Pine
- Sn Norway Spruce

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 - 19.4
3	19.5 - 27.4
4	27.5 - 37.4
5	37.5 - 46.4
6	46.5 - 55.4
7	55.5 - 64.4
8	65.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
0	0 - 5
1	6 - 15
2	16 - 25
3	26 - 35
4	36 - 45
5	46 - 55
6	56 - 65
7	66 - 75
8	76 - 85
9	86 - 100

4d SITE INDEX
Site Index is the height, in metered metre referenced at 50 years (breast height Age. It is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height combinations, an estimate should be

4e. ESTIMATED SITE INDEX
Estimated site index is the site index of the stand present, e.g. young stands (<50yrs). It is denoted by a dash which always precedes it. Associated Note in the site base are Inventory Type Group and SI Estimated source (code).

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (5a/ 4 and / record)

NON-TREED SHRUB
- sb SHRUB - shrub with average shrub height > or = to two metres.
- st SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
- h HERB - herb with no distinction between forbs and graminoids.
- hf HERB - FORBS - herb forbs > 50% of the herb cover.
- hg HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED BRYOID
- b BRYOID - shrub with no distinction between shrubs and lichens by cover.
- bm BRYOID - MOSS - tryoid with mosses, liverworts, and hornwork > 50% of the bryoid cover.
- bl BRYOID - LICHENS - tryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (5a/ 4 and / record)

bl	BLUFF	ds	DUNE	mb	MUDFLAT SEGMENT
bo	BOULDER	ea	EARTH	mc	MINING AND SPOILS
bz	BLOCKFIELD	lb	LAVA BED	rm	OTHER
ds	DISTURBED AREA	ls	LANDSLIDE	rc	RIPARIAN COVER
sc	SURFICIAL	pn	POND or LAKE SEGMENTS	re	RESERVOIR
sl	SLIDE	rk	ROCK OUTCROP	ri	RIVER / STREAM
es	EXPOSED SOILS	mr	MORAINE		

Note: Water categories (lb, ls, re, ri) not identified over 80 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F /records)

AF	ALPINE FOREST	NPBS	NON-PRODUCTIVE BRUSH	SAND	SAND
AT	ALPINE FOREST / Species	NPBU	NON-PRODUCTIVE BRUSH	TIDE	TIDAL FLAT
C	CULTIVATED	NPBR	NON-PRODUCTIVE BURN	U	URBAN
CL	CLEARING	NPBRS	NON-PRODUCTIVE BURN / Species		
D	DENSE SAW	NPC	NOT TYPING AVAILABLE	NCBS	NON-COMMERCIAL
DT	DENSE TIMBER	NPCL	NON-PRODUCTIVE CLEAR	NPBSH	NON-PRODUCTIVE BRUSH
KE	KEIFOLD	P	HAYFIELD	NP	NON PRODUCTIVE
MA	MARSH	R	RANGE	NPSTK	NON-PRODUCTIVE RESTOCKED
MUD	MUDFLAT	S	SWAMP	N/A	NOTTYPING AVAILABLE

Line 6 - Disturbance History

Disturbance type code proceeded by symbol, followed by earliest date
For a number of disturbance type designates category, refer to official code list for sub-category descriptions.

- A Animal Damage
- B Wildlife
- C Core and Seed Insects
- D Diseases
- I Insects
- L Logging
- N Non-Biological Injuries
- P Core and Seedling Fungal Pathogens
- R Site Rehabilitation
- S Silviculture Activity
- U Damage Unknown
- V Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of the/next RESULTS data.

The Ministry of Forests, Mines and Lands web application "MapView" can be used to view Silviculture related information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for -

OPENING
OPENING LABEL
SILVICULTURE ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE CURRENT COVER
WILDLIFE TREE PATCH





082E	082F	082G	082K	092H	092I	092J	092O	092P	093A	093B	093C	093F	093G	093H	093I	093J	093K	093L	093M	093N	093O	093P	094A	094B
082L	082M	082N	082O	092A	092B	092C	092G	092K	092L	092M	092N	093D	093E	093M	093N	093O	093P	094A	094B	094C	094D	094E	094F	094G
083D	083E	083F	083G	083K	083L	083M	083N	092F	092G	092H	092I	092J	092O	092P	093A	093B	093C	093F	093G	093H	093I	093J	093K	093L
083C	083B	083A	082P	082I	082J	082K	082O	082P	092A	092B	092C	092G	092K	092L	092M	092N	093D	093E	093M	093N	093O	093P	094A	094B
083M	083N	083O	083P	083I	083J	083K	083O	083P	082I	082J	082K	082O	082P	092A	092B	092C	092G	092K	092L	092M	092N	093D	093E	093M
083L	083K	083J	083I	083H	083G	083F	083E	083D	083C	083B	083A	082P	082I	082J	082K	082O	082P	092A	092B	092C	092G	092K	092L	092M