Vegetation Map
092H050

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 / Tantalis

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 portrayed may not be complete and up to date Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend versions June 2016)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Inclusion Opening in Vegetation
- Permanent Sample Plot (2015)
- Research Installations

TRIM, Base Features:
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- 4x4 Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolic/Barriers - ESRI
- Watercourses - ESRI
- Waterbodies - ESRI
- Wetlands - ESRI
- Ocean - ESRI

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- REF_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 (2 1,000,000 ha - ~5 % hatch)
- Municipal boundary (2 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 Leading species
4 For the most important layer is described as Fd (Douglis Fir) and Hw (Western Hemlock).
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 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex: Sparse (6-15%) stocking of trees, shrubs and graminoids, shrubs less that 2m.
6 Disturbance History: A year - ex: Logged in 1978

Line 1 - History Record Opening Number

OXX - opening number valid for BCGS mapsheet XXXX - 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

Cw	Western Red Cedar
Y	CYPRESS
Ss	Sitka Spruce
Fd	DOUGLAS FIR
Fdi	Douglas Fir
Fdc	Coastal Douglas Fir
Fdf	Interior Douglas Fir
Ba	Balsam Fir
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hw	Western Hemlock
Hm	Mountain Hemlock
Hxm	Mountain x Western Hemlock hybrid
Pl	PINE
Plc	Rocky Mtn. Juniper
Pj	Stakelok Juniper
Lw	LARCH
Lw	Alpine Larch
Lt	Tamarack
Lw	Western Larch
Pa	WHITE
Pw	Jack Pine
Pl	Limber Pine
Plc	Lodgepole Pine
Plc	Lodgepole Pine (interior)
Plx	Lodgepole x Jack Pine hybrid
Pm	Mountain Hemlock
Pw	Stone Pine (whitebark)
Pw	Western White Pine
Pf	Ponderosa Pine
P	SPRUCE
Se	Engelmann Spruce
Sw	Hybrid Spruce
Sx	White Spruce
Sr	Spruce hybrid
Sxw	Spruce White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Yc	YEW
Yw	Western Yew

NATIVE HARDWOODS

Ac	Black Cottonwood
Ep	Aspen
V	APPLE
Vp	Pacific Crab Apple
At	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Act	Black Cottonwood
Ab	Black Cottonwood
At	Hybrid Poplars
Ae	Trembling Aspen
Y	JUNIPER
Yc	CYPRESS
Yc	Rocky Mtn. Juniper
F	BIRCH
Ep	Paper Birch
Epc	Alaska Paper Birch
Epk	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
D	CASCARA
Ds	Cascara
Dw	Buckthorn
C	Bitter Cherry
Cb	Choke Cherry
Cw	Pin Cherry
C	HOGBERRY
Cp	Common Chokecherry (western flowering)
M	MAPLE
Mb	Broad-leaf Maple (broadleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wa	Peachleaf Willow (Bebb's?)
Wr	Prairie Willow (gray-leaved)
Ww	Scouler's Willow
Wx	Willow (Willow Sara-leaved)

UNKNOWN - OTHER

Xc	unknown conifer
Xh	unknown hardwood
Xl	unknown broad-leaf tall
Xs	other conifer
Zh	other hardwood

EXOTICS

Sa	ASH
	ASPEN, COTTONWOOD or POPLAR
Ad	Common Cottonwood
	BIRCH
Ea	European Birch
Ep	Paper Birch hybrid
Ey	Yellow Birch
	CHERRY
Yo	Japanese Cherry
	CYPRESS
	Monterey Cypress
	FIR (Balsam)
Bc	Noble Fir
Bm	Noble Fir x
Bm	Shasta Red Fir
Bp	Shasta Fir
	LARCH
Ld	Dahurian Larch
Le	European Larch
	MAPLE
Mr	Box Elder
Mp	Norway Maple
Mt	Tartarian Maple
	OAK
Qk	English Oak
Qm	Pedunculate Oak
	OTHER EXOTICS
Ca	Incense Cedar
Cl	Giant Redwood
Cs	Coast Redwood
Ge	European Mountain Ash
Gj	Japanese Mountain Ash
Cr	Common Pear
Og	Oregon Ash
Ot	Other Exotic
Oh	Wingleaf Hickory
Oj	Japanese Larch
Ok	Japanese Walnut
	PINE
Pm	Monterey Pine
Pr	Red Pine
Pn	Austrian Pine
	SPRUCE
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	141-200
9	201 +

4b. 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 +

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 the nearest 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 measurements, either an estimate or the SI

4e. ESTIMATED SITE INDEX

Site Index estimated from ecological data (not from stem present) e.g. using Variant Ecology Data. It is denoted by a dash which always precedes it. Inaccurate fields in the data base are inventory type Group and SI estimated code.

Line 5 - Vegetation records

VEGETATED NON TREE CATEGORIES (for V and I records)

NON-TREED SHRUB

SB - SHRUB - shrub with average shrub height >= 4 < 5m metres.
SH - SHRUB LOW - shrub with average shrub height < 4 metres.

NON-TREED HERB

H - HERB - herb with no distinction between forbs and graminoids.
HF - HERB - FORBS - herb with forbs > 50% of the herb cover.
Hg - HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED BRYOID

B - BRYOID - undifferentiated - bryoid with no distinction between mosses and lichens by cover.
BM - BRYOID - MOSS - bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
BL - BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED

R - Rock / Rubble
r - Rock - Rubble
s - Snow / Ice

NON-VEGETATED CATEGORIES (for V and I records)

W	WATER		Mu	MUDFLAT SEDIMENT	mr RESERVOIR MARGIN
Wi	WATER - ICE		mw	PUBLIC MINE SPOILS	rw RAILWAY SURFACE
S	BLOCKFIELD		m	OUCHS	rs RIVER SEGMENTS
Sb	BOULDERS		Ta	TALUS	Ts TAILINGS
Sg	GLIRRIED DEBRIS		Tc	SNOW COVER	Tv VALLEY
G	GLITTERING		Ti	ICEFIELD	U URBAN
Sc	COLLUVIAL SOILS		Tr	RIVER / STREAM	
L	GLACIER				

Note: Water categories (w, wi, w, rs) are labelled over 50 percent coverage.

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

A	ALPINE		SAND	SAND	
AF	ALPINE FOREST (Species)		TOAL	TOAL FLAT	
C	CULTIVATED		NPBD	NON PRODUCTIVE BRUSH	
CL	CLEARING		NPBU	NON PRODUCTIVE BURN	
G	GRASS, BAR		NPLO	NON PRODUCTIVE LOGGED OVER	
GR	GRASS, PIT		NTA	NOT TYPING AVAILABLE	
M	MEADOW		OR	OPEN RANGE	
R	ROADSIDE		R	ROCK	
WET	WASTE/TIP		SWAMP		

NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NFL	NON FOREST LAND
NOA	NOT SUFFICIENTLY ACCESSED
NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

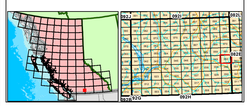
Disturbance type code preceeded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

A	Animal Damage	L	Logging
B	Birds	M	Mite Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation		
T	Treatment Injuries		
U	Damage Unknown		
V	Problem Vegetation		

Example Opening History Details

Detailed Silviculture information is available on the BCGW
MAPVIEW is available to view this type of detailed information.
Select the SILVICULTURE tab then click on "Display
Silviculture Map" to turn on display values for :

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



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Overflow Labels