Vegetation Map
092F044

Province of 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 facilitate the display of information for the 092F044 area. Some of the information displayed on this map is interpreted and may not be complete and up to date Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2014)

Lands Projected To: January 1, 2016

MAP SYMBOLOGY

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

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

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- NV 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 (> 1:200,000 ha - 10 % hatch)
- Municipal boundary (< 1:200,000 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:

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CUT     1 Silviculture symbol and Opening Number
CUT     2 Polygon Number and multilayer stand indicator (L)
FdHw    3 Species Composition
        an 8ha mixed mature/old layer is described as Fd (Douglas 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/ a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
        6 Disturbance History & year - ex: Logged in 1978
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Line 1 - History Record Opening Number

CUT - opening number valid for BCGS mapsheet DOW - 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
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hw	Mountain Hemlock
Hm	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sweede Juniper
La	LARCH
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole Pine (coastal)
Pxj	Ponderosa Pine x Jack Pine hybrid
Pxl	Ponderosa Pine (yellow)
Pfc	Shore Pine (coast)
Pfi	Shore Pine (interior)
Pw	Whitebark Pine
S	SPRUCE
Se	Englemann Spruce
Sb	Engelmann Spruce
Ss	Sitka Spruce
Sw	White Spruce
Sxe	Spruce hybrid
Sxw	Engelmann x White
Sxs	Sitka x White
Sxx	Sitka x unknown hybrid
Ty	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	Dogwood
Dr	Red Alder
U	APPLE
Ue	Pacific Crab Apple
At	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Ae	Balsam Poplar
Act	Black Cottonwood
Ad	Trembling Aspen
At	Trembling Aspen
Ab	ARBUTUS
E	BIRCH
Ea	Alaska Paper Birch
Eap	Alaska Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
Ey	Yellow Birch
K	Cascara
V	CHERRY
Vb	Bitter Cherry
Vc	Choke Cherry
Vp	Pin Cherry
Vu	Unknown Cherry
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Og	Garry Oak
W	WILLOW
Wb	Black Willow
Wp	Pacific Willow
Wa	Peachleaf Willow (Bankby's)
Ww	Pacific Willow (grp.lavalleei)
Wx	Willow hybrid
Wt	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xd	unknown hardwood
Z	OTHER (tree not on list)
Zc	other conifer
Zh	other hardwood

EXOTICS

Ue	APPLE
At	ASPEN, COTTONWOOD or POPLAR
Ay	Hybrid
Ep	European Birch
Es	Siver Birch (exotic)
Ey	Yellow Birch
L	LARCH
Ls	Exotic Cherry
Y	CYPRESS
Yg	Monterey Cedar
F	FIR (Balsam)
Bb	"Balkan Fir
Bn	"Nordmann Fir
Bm	"Shasta Red Fir
Bs	"White Fir
Lk	"Dahurian Larch
Lk	"Siberian Larch
Li	"Japanese Larch
Ob	Black Walnut
Ow	"Japanese Maple
OAK	
Oe	"English Oak
Qw	"White Oak
OTHER EXOTICS	
Ca	"Horse Chestnut
Cs	"Giant Sequoia
Cr	"Coast Redwood
Ot	"Mountain Ash (exotic)
Os	Siberian Elm (exotic)
Ol	Common Pear
Oc	Crayon Ash
Oa	"Tree of Heaven
Oh	"Shagbark Hickory
Oi	Tree of Heaven
Oh	Japanese Walnut
PINE	
Pm	"Monterey Pine
Pr	"Red Pine
Pa	"Austrian Pine
SPRUCE	
Sn	"Norway Spruce

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	0 - 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 - 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

All SI are shown to the nearest meta-referenced at 50 years.
Breast Height Age. SI is based on the age and height of the dominant and co-dominant trees in the stand. If the stand is young, age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees aren't present, e.g. young stands (trees < 4.0 m tall). SI is based on site series association and it. Associated SI is in the data base as Inventory Type Group and SI1 if estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and L records)

NON-TREED SHRUB
- d SHRUB TALL - shrub with average shrub height > or = to two metres.
- s SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
- h HERB - herb with no discrimination between forbs and graminoids.
- w HERB - FORBS - herb with forbs > 50% of the herb cover.
- g HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED MYRIOD
- m MYRIOD - mixed - mixed 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
- e Exposed Land
- rs Rock / Rubble
- s Snow / Ice

NON-VEGETATED CATEGORIES (for N and I records)

ab AIRPORT	gr GRAVEL PIT	mu MUDFLAT SEDIMENT	rm RESERVOIR MARGIN
bl BOG/MUSKEG	l LAKE	ow OGDEN WING SPOILS	rp RIPARIAN SURFACE
bf BOG/FIELD	la LANDING	pp POWERLINE	rr RIVER SURFACE
br BEDROCK	ls LANDING	rl OTHER	rs ROAD SURFACE
bu BURNED AREA	m POND or LAKE SEDIMENTS	s SNOW COVER	t TALUS
cl CUTBANK	mn OPEN PIT MINE	r RESERVOIR	tl TAILINGS
dy DRY GULLS	mr MORAINE	w RIVER/STREAM	u URBAN
gl GLACIER			

Note: Water categories (a, ao, re, rl) not labelled are for placement coverage.

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

AF ALPINE	NP NON-PRODUCTIVE	SAND SAND	
AF ALPINE FOREST-Species	NPBR NON-PRODUCTIVE BRUSH	TIDE TIDAL FLAT	
BE BEACH	NPBRS NON-PRODUCTIVE SHRUB	U URBAN	
CL CLAY BANK	NPF NON-PRODUCTIVE FOREST-Species		
G GRAVEL BAR	NTA NO TYPING AVAILABLE	NC NON COMMERCIAL	
GR GRASSLAND	R ROCK	NPBRS NON-PRODUCTIVE BRUSH	
ICE ICEFIELD	RT RATEABLE	NP NON-PRODUCTIVE	
M MEADOW	R ROCK	NSR NOT SUFFICIENTLY RESTOCKED	
NSR NOT STUFFED	SNOW	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.

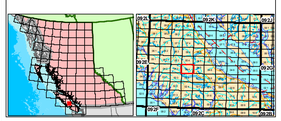
A Animal Damage	L Logging	R Site Rehabilitation
B Fire	M Mining	S Weather/ Hazard
C Crime and Seed Insects	N Non-Biological Injuries	U Damage Unknown
D Diseases Insects	P Cone and Seedling Fungal Pathogens	W Problem Vegetation

Example Opening History Details

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

The Ministry of Forests, Mines and Lands web application 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
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH



Overflow Labels