092G015

Vegetation Map
092G015

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

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

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 the me are for reference purposes only. (Legend revisions June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Feature s:
- Forest Vegetation Polygons
- Silviculture Opening in Vegetation
- Permanent Sample Plot (GYS)
- Research Installations

TRIM_Base Feature s:
- 4x Boat Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fairways
- Other lines
- Powerlines
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydro/Reservoirs - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- INV 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 (> 1,000,000 ha) - 16.5% hatch)
- Municipal boundary (< 1,000,000 ha) - no hatch)
- National Parks
- Fisn'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  BC Tree Code List
      ex: the most important layer is described as Fd (Douglk 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 Description)
      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

0?? - 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
L Multi-layered stand i.e 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 4.6 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	YEW
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	BALSAM
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn Juniper
Js	Sitka/e Juniper
L	LARCH
Lw	Alpine Larch
Lt	Tamarack
Lx	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (contorta)
Pli	Lodgepole Pine (latifolia)
Plx	Lodgepole Pine (contorta x latifolia)
Pw	Shore Pine (coast)
Pw	Western White Pine
Pyi	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	White Spruce
Sxl	Spruce hybrid
Sxs	Sitka x White Spruce
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Sx	White
Yw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dl	Sitka
Dm	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Act	Balsam Poplar
Ad	Black Cottonwood
Ae	Trembling Aspen
At	Trembling Aspen
E	ARBUTUS
Ep	Pacific Dogwood
Ep	DOGWOOD
Ep	Pacific Dogwood (western flowering)
G	GARRY OAK
Gb	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wr	Red Willow (Bebb's)
Wf	Feltyl Willow (grey-leaved)
Ws	Scouler's Willow
Wt	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

X	unknown conifer
Xc	unknown hardwood
Xh	unknown (conifer or hardwood)
Zz	other conifer
Zh	other hardwood

EXOTICS

Ua	APPLE
Ac	ASPEN, COTTONWOOD or POPLAR
Act	*Southern Cottonwood
Ay	BIRCH
Ey	*Asian Birch
Ey	Silver Birch (swamp)
Ey	*Yellow Birch
C	CEDAR
Cs	*Sawara Cherry
Y	CYPRESS
Yt	*Port Orford Cedar
F	FIR (DOUGLAS)
Bl	*Subalpine Fir
Bn	*Noble Fir
Bm	*Shasta Red Fir
Bp	*Grand Fir
L	LARCH
Lk	*Dahurian Larch
Ll	*European Larch
M	MAPLE
Mr	Box Elder
Mb	*Bigleaf Maple
Mt	*Tatarian Maple
OAK	
Oc	*English Oak
Or	*Red Oak
Ow	*Coast Redwood
Ow	Californian Mountain Ash
Ow	Siberian Elm (southern)
Op	*Shore Pine
Og	Oregon Ash
Oh	*White Ash
Ow	*White Ash (ornamental)
Ot	Tree of Heaven
Ok	Japanese Walnut
P	PINE
Pm	*Monterey Pine
Pr	*Red Pine
Pp	*Ponderosa 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	141-250
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 entered to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant trees in the polygon. SI is entered at the time the inventory age and height, estimated SI is shown after or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees cannot present, e.g. young stands (<10yrs). It is denoted by a slash which always precedes the estimated SI. Estimated SI is based on the Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

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

NON FIRED SHRUB
- st SHRUB TALL - shrub with average shrub height > or = to two metres.
- sl SHRUB LOW - shrub with average shrub height < two metres.

NON FIRED 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 FIRED SHRUB
- tg BRYOIDS - bryoid with no distinction between mosses and lichens by cover.
- tm BRYOID - MOSS - bryoid with mosses > 50% of the bryoid cover.
- tl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I polygons)

ai	AIRPORT	gl	GRAVEL PIT	mr	RESERVOIR MARGIN
bi	BEACH	lk	LAKE	mr	RAILWAY SURFACE
bl	BOULDERFIELD	ls	LAKE SHORE	mr	ROCK OUTCROPS
w	BEDROCK	o	LANDING	ri	ROAD SURFACE
bu	BURNED AREA	lk	POND or LAKE SEDIMENTS	rp	SNOW COVER
cu	CUTBANK	mi	OPEN PIT MINE	ta	TALUS
ei	EXPOSED SOILS	mn	MORAINE	tl	TIDAL LOWLAND
gr	GRAVEL			u	URBAN

Note: Water categories (ta, ca, re, rs) not labelled over 90 percent coverage.

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

A	ALPINE	NP	NON PRODUCTIVE	SAND	SAND
AF	ALPINE FOREST (Species	NPBB	NON-PRODUCTIVE BRUSH	TIDE	TIDAL FLAT
C	CULTIVATED	NPBU	NON PRODUCTIVE BURN	U	URBAN
F	FOREST	NPF	NON-PRODUCTIVE FOREST (Species		
G	GRAVEL BAR	NTA	NOT TYPING AVAILABLE	NC	NON COMMERCIAL
GR	GRAVEL PIT	OR	OPEN RANGE	NCBR	NON COMMERCIAL BRUSH
I	ICE FIELD	P	PASTURE	NF	NON FOREST
M	MEADOW	R	ROCK	NFR	NOT SUFFICIENTLY RESTOCKED
MUD	MUD FLAT	S	SWAMP	NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

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

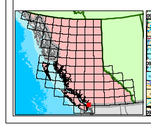
A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mite Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seeding Fungal Pathogens	V	Problem Vegetation
I	Insects				

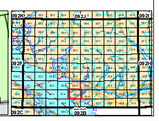
Example Opening History Details

Detailed Silviculture information is available on the BCGW and MAPVIEW application. The MapView example is of thenewRESULTS 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 ID
- OPENING LABELS
- OPENING - PLANTING ACTIVITY
- ACTIVITY TREATMENT UNIT
- STANDARDS UNIT
- SILVICULTURE FOREST COVER
- WILDLIFE TREE PATCH







Overflow Labels

092G015