103H007

Vegetation Map
103H007

Scale 1:20,000

1 Kilometers
0 0.25 0.5 0.75

0.5 Miles
0 0.25

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 both spatial and non-spatial 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).

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

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

TRIM - Base Features:
- As Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

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 (> 1:600,000 ha - 15 % hatch)
- Municipal boundary (< 1:600,000 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 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

Line 1 - History Record Opening Number

OS1 - opening number valid for BCGS mapsheet
none - opening number has not been assigned

Line 2 - Polygon No. / Multilayer

VRIMS Polygon Number - ranging from one to nine digits
L - Multilayered 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	CEDAR
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	Western Hemlock
Hm	Mountain Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Savanah Juniper
La	LARCH
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plx	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pw	Western White Pine
Pw	Western White Pine
Pa	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Ss	Sitka Spruce
Sw	White Spruce
Sx	Hybrid Spruce
Sxe	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

E	ALDER
Dr	Red Alder
Ds	Sitka Alder
Up	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Poplar
Ab	Balsam Poplar
Ac	Black Cottonwood
Ax	Hybrid Poplars
Aw	Trembling Aspen
Ep	PAPER BIRCH
Ew	Alaska
E	BIRCH
Ea	Alaska Paper Birch
Exp	Alaska x Paper Birch hybrid
Ew	Water Birch (Alaska)
Ey	Yellow Birch
K	CASCARA
Kc	Cascara
D	DOGWOOD
Dp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
R	ARBUTUS
Rm	Madrone
Vp	Pacific Willow
Vs	Sitka Willow
Vx	Hybrid Willow (Barabo's)
Wf	Fussy Willow (gray leaved)
Wp	Peach Leaf Willow
Wr	Bebb Willow (red-leaved)

UNKNOWN - OTHER

U	UNKNOWN
Xs	unknown conifer
Xh	unknown hardwood
Z	OTHER (tree not on list)
Zc	other conifer
Zh	other hardwood

EXOTICS

Ue	APPLE
Ux	ASPEN, COTTONWOOD or POPLAR
Act	*Southern Cottonwood
	BIRCH
Ek	European Birch
Ek	Silver Birch (exotic)
Ekp	European Birch
	CHERRY
Yo	*Sweet Cherry
Yp	*Pin Cherry
Yo	*Red Gilliod Cedar
	FIR (Balsam)
Bc	*Balkam Fir
Bn	Noble Fir
Bp	*Grand Red Fir
Bs	*White Fir
	LARCH
Le	*European Larch
Lk	*Siberian Larch
	MAPLE
Me	Eur Silber
Mr	*Norway Maple
Mp	*Sycamore Maple
	OAK
Qe	*English Oak
Qw	*White Oak
Qb	*Bur Oak (EXOTICS
Qc	*Hungarian Cedar
Qs	*Giant Sequoia
Qr	* Coast Redwood
Qe	European Mountain Ash
Qj	Japanese Mountainash
Qf	Common Pear
Qy	Dragon Ash
Qm	Mountain Ash
Qn	*Shagbark Hickory
Qj	Tree of Heaven
Qw	Japanese Walnut
	PINE
Pm	*Monterey Pine
Pr	*Red Pine
Ps	*Sugar Pine
	SPRUCE
Se	*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 shown to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant and co-dominant trees. Estimated SI is shown when actual age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI trees are not present, e.g. young stands in Group 1. SI is derived by a site/SI which always has a SI tree present in the stand. SI trees are inventory Type Group and SI Estimated source code.

Line 5 Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I type ds)

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

NON-TREED HERB
- w HERB - herb with no distinction between forbs and graminoids.
- W HERB - FORBS - herb with forbs > 50% of the herb cover.
- Hg HERB - GRAMINOID - herb with graminoids > 50% of the herb cover.

NON-TREED BRYOID
- b BRYOID - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSS - bryoid with mosses, liverwarts, and hornworts > 50% of the bryoid cover.
- B BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED
- ar Exposed Land
- rs Rock / Rubble
- is Snow / Ice

NON VEGETATED CATEGORIES (for V and I type vrtls)

ap	AIRPORT	gp	GRAVEL PIT	mu	MUDFLAT SEDIMENT
be	BEACH	la	LAKE	mz	RUBBLY MINE SPOILS
bl	BLOCKFIELD	lb	LAKA BED	oc	OCEAN
cb	CLIFF/BANK	lk	LAKE	pd	PONDS
cs	SUBMECA/MECA	ls	POND or LAKE SEDIMENTS	pr	SNOW COVER
cl	CUTBANK	mc	OPEN PIT MINE	re	RESERVOIR
dl	DELTAIC SOILS	mn	MORAINE	r	RIVER / STREAM
gr	GRAVEL BAR				

rm	RESERVOIR MARGIN
rm	RAILWAY SURFACE
rs	RIVER SEDIMENTS
ru	ROAD SURFACE
ta	TALUS
ti	TAILINGS
ur	URBAN

Note: Water categories (ta, oc, re, r) 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-Tipecies	NPB	NON PRODUCTIVE BRUSH	SF	SILT FLAT
C	CULTIVATED	NPBU	NON PRODUCTIVE BURN	U	URBAN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST -Tipecies		
G	GRASS / HERB	NSP	NO SPRAYING AVAILABLE	NC	NON COMMERCIAL
GR	GRAVEL PIT	OB	OPEN BANG	NCBR	NON COMMERCIAL BRUSH
ICE	ICEFIELD	P	HAYFIELD	NF	NON PRODUCTIVE
M	MEADOW	R	ROCK	NSP	NOT SUITABLE/TO BE RESTOCKED
MUD	MUD FLAT	S	SWAMP	NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

Disturbance 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.

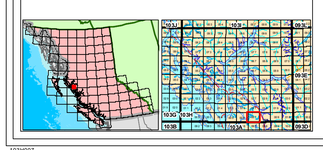
A	Animal Damage	L	Logging
B	Wildfire	M	Mite Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation
T	Treatment Injuries
U	Damage Unknown
V	Problem Vegetation

Example Opening History Details

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



128°48'0"W 128°47'0"W 128°46'0"W 128°45'0"W 128°44'0"W 128°43'0"W 128°42'0"W 128°41'0"W 128°40'0"W 128°39'0"W 128°38'0"W 128°37'0"W 128°36'0"W
513,000 514,000 515,000 516,000 517,000 518,000 519,000 520,000 521,000 522,000 523,000 524,000 525,000 526,000 527,000
5,582,000 5,581,000 5,580,000 5,579,000 5,578,000 5,577,000 5,576,000 5,575,000 5,574,000 5,573,000 5,572,000

61-70
112
TRL25
61-72
61-75
61-74
61-69
103H016
103H017
103H018
103H006
103H007
103H008
103A096
103A097
103A098
RANGE 4 COAST DISTRICT
RANGE 3 COAST DISTRICT
Coast Mountains Natural Resource District

Overflow Labels