Vegetation Map
103A020

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 - 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 displayed on this map is not to be used to determine 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 Vegetation
- Permanent Sample Plot (CFS)
- Research Installations

TRIM_Base Features:
- All-Built 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
- Hydrodrill areas - 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 - 15 % hatch)
- Municipal boundary (> 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. Structure symbol and Opening Number
2. Polygon Number and multi-layer stand indicator (L)
3. Species Compositions
   ex: the most important 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 5 (6-15%), SI 20m
5. Vegetated Density Class (ie Non-Forest Productive Description)
   ex: Sparsely vegetated, non-productive brush forbs and graminoids, shrubs less that 2m.
6. Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

0001 - opening number valid for BCGS mapsheet
0000 - 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	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
F	FIR (Balsam)
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
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sweetfl ag Juniper
L	LARCH
Lt	Alpine Larch
Lw	Western Larch
P	PINE
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pa	Whitebark Pine
Pw	Western White Pine
Pa	Whitebark Pine
Prc	Red Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxe	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Ss	Sitka Spruce
Ts	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
U	APPLE
Up	Pacific Crab Apple
At	BALSAM / COTTONWOOD or POPLAR
Ac	Poplar
Act	Balsam Poplar
Atm	Black Cottonwood
Ae	Aspen/Poplars
Ar	Trembling Aspen
E	BIRCH
Ep	Alaska Paper Birch
Epk	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ey	Yellow Birch
G	GARRY OAK
Gc	Garry Oak
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Q	OREGON
Qg	Garry Oak
R	ALDER
Ra	Alder/Willow
Wp	Pacific Willow
Wpe	Pacific Willow (Bentley's)
Wpr	Pacific Willow (pre-Bentley)
Ws	Scouler's Willow
Wx	Sitka Willow (sw-scouler)

UNKNOWN - OTHER

X	unknown conifer
Xh	unknown hardwood
Xl	unknown (broadleaf) NFD
Xm	other conifer
Zx	other hardwood

EXOTICS

Ua	APPLE
Ux	POPLAR
Aw	ASPEN, COTTONWOOD or POPLAR
Af	*Southern Cottonwood
Ag	Grey Alder
Be	European Birch
Bp	Silver Birch (swamp)
Bpy	Silver Birch
Bw	CHERRY
Vi	Sweet Cherry
Vu	Bird Cherry
Vv	*Choi Colored Cedar
Fb	FIR (Balsam)
Bal	Balsam Fir
Bc	Corkbark Fir
Bm	*Shasta Red Fir
Bn	White Fir
Lc	LARCH
Ld	*Daharian Larch
Le	*European Larch
Lj	Japanese Larch
Lk	*Dunkeld Larch
Og	Oregon Ash
Oh	*White Ash
Ow	Russian Olive/Autumn Olive
Ox	Tree of Heaven
Ok	Japanese Walnut
Pn	PINE
Pm	*Monterey Pine
Ph	*Red Pine
Pp	*Ponderosa Pine
Sr	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)
1	0 - 5
2	6 - 15
3	16 - 25
4	26 - 35
5	36 - 45
6	46 - 55
7	56 - 65
8	66 - 75
9	76 - 85
	86 - 100

4d SITE INDEX
All SI are shown to the nearest metre referenced at 50 years breast height age. Site curves are from the 1989 provincial site curve publication. Where an actual site SI cannot be obtained from 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. Immature stands. Site curves are from the 1989 provincial site curve publication. If Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (1st Y and 1 typ code)

NON FREED SHRUB
- Sb SHRUB - shrub with average shrub height > or = to 2 metres.
- s SHRUB LOW - shrub with average shrub height < two metres.

NON FREED HERB
- he 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 FREED MOSS
- bs BRYOID - 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 - LICHEN - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED
- r ROCK
- t TALUS
- u URBAN
- w Water

NON VEGETATED CATEGORIES (1st Y and 1 typ code)

ba	ASH BAR	ge	GRAVEL PIT
bc	BEACH	la	LAKE
bl	BLOCKFIELD	lk	LAKEBED
bo	BEDROCK	lm	LAKE MARSH
bp	BORROW AREA	ls	LAKE SHORE AND SEDIMENTS
cu	CUTBANK	mi	OPEN PIT MINE
ex	EXPOSED SOILS	mo	MORAINE
ga	GLACIER	mr	MUCKFLAT SEDIMENT
		ms	RUBBLY MINE SPOILS
		sn	SNOW
		sc	SNOW COVER
		st	STREAM BED
		sm	STREAM MARSH
		rm	RESERVOIR MARGIN
		rm	RAILWAY SURFACE
		rs	ROAD SEDIMENTS
		rs	ROAD SURFACE
		t	TALUS
		u	URBAN

Note: Water categories 2a, 2c, 4c, 2s not labelled over 50 ha water coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (Not 1st records)

A	ALPINE	NP	NON PRODUCTIVE
AT	ALPINE FOREST Opening	NPBR	NON PRODUCTIVE BRUSH
C	CULTIVATED	NPBU	NON PRODUCTIVE BURNT
D	DISTURBED	NPLO	NON PRODUCTIVE FOREST Species
G	GRAVEL BAR	NTA	NO TYPING AVAILABLE
GR	GRAVEL PIT	OR	OPEN RANGE
M	MEADOW	R	RECREATION
W	WISDOW	S	ROCK
WD	W.D.PLAT	SW	SWAMP
		SAND	SAND
		TIDE	TIDAL FLAT
		U	URBAN
		NC	NON COMMERCIAL
		NCBR	NON COMERCIAL BRUSH
		NR	NOT RESTOCKED
		NRA	NOT SUFFICIENTLY RESTOCKED
		NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

Date/Service 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.

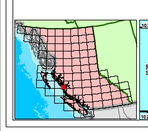
A	Animal Damage	L	Logging
B	Wildfire	M	Mist Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects	R	Site Rehabilitation
		T	Treatment Injuries
		U	Damage Unknown
		V	Problem Vegetation

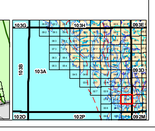
Example Opening History Details

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

The Ministry of Forests, Mines and Lands web application MapView allows users to view many types of protected information. Select the SILVICULTURE role 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





103A029
103A030
103A020
103A019
103A010
103A009
093D021
093D011
093D001
54-7
54-9
54-6
54-8
10-7
RANGE 3 COAST DISTRICT
North Island - Central Coast Natural Resource District

Overflow Labels